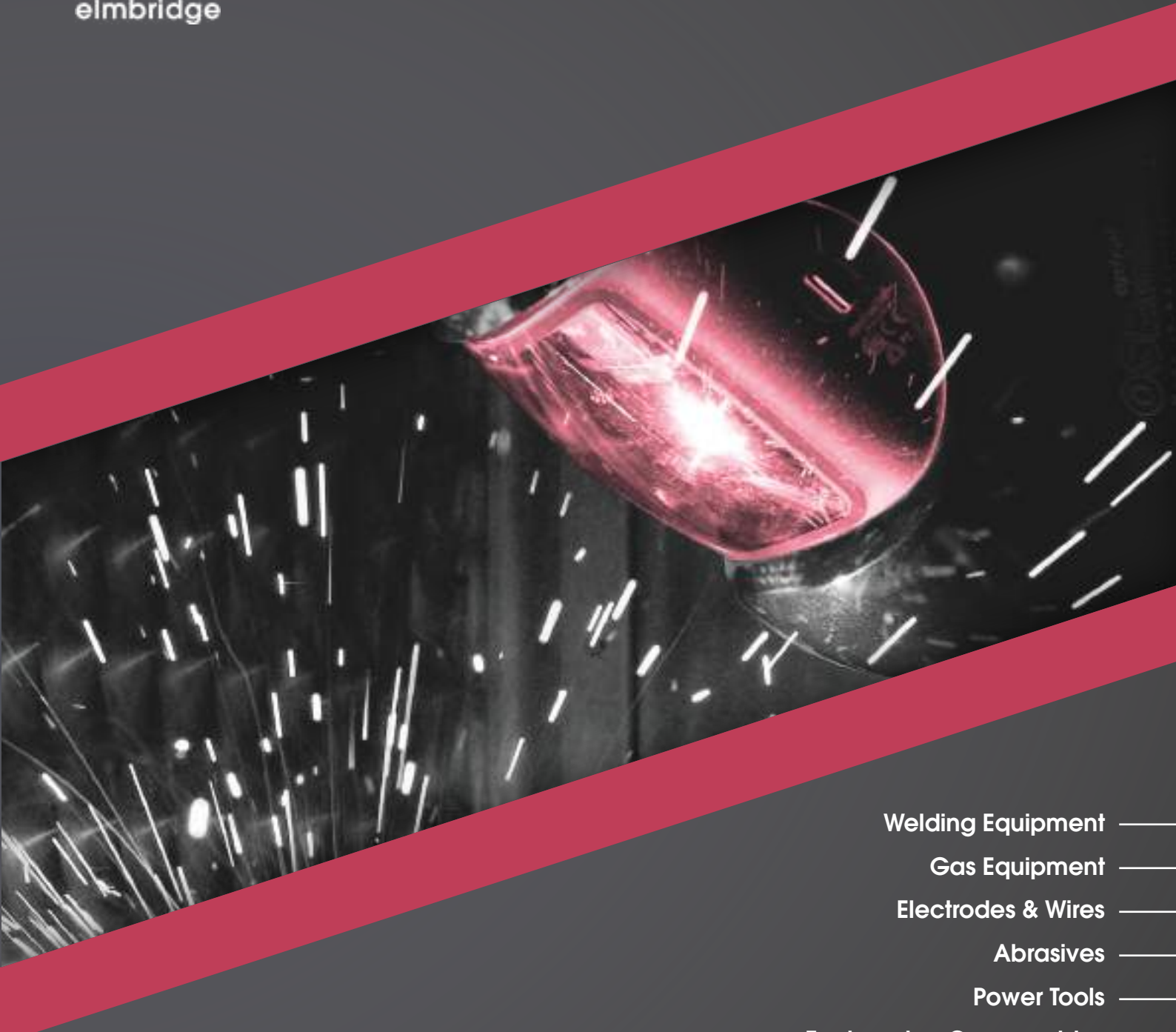




Welding & Engineering Supplies



Welding Equipment —

Gas Equipment —

Electrodes & Wires —

Abrasives —

Power Tools —

Engineering Consumables —

Compressors & Air Tools —

Cleaning —

Site & Safety —

Issue 20

www.elmbridgeuk.com

sales@elmbridgeuk.com | 01452 525757

welcome to elmbridge

Elmbridge Supplies Company is a leading supplier of:

- Welding & Engineering Supplies
- Industrial Coatings & Accessories
- Industrial Spray Equipment
- Joinery & Wood Coatings

We also supply a wide range of Compressors, Abrasives, Safety Equipment, Power & Hand Tools, and Cleaning Equipment.

Our vision: To be a recognised leading UK industrial Coatings, Spray Equipment & Welding solutions provider.

Our mission: Provide customers with excellent knowledge, technical advice, complemented with outstanding service standards. Bring new technology to our customers, delivering better results and improving manufacturing efficiencies.

Demonstrations are available at our Training Centre in Gloucester or, we can arrange an on-site demonstration to exhibit the advantages of our equipment in your workplace, on a non-obligatory basis.

Finance Packages are offered to assist you in the purchasing of equipment (subject to approval) as well as Purchase Lease and Contract Hire options.

Service, Maintenance and Hire packages are available to keep your equipment in top condition. With our on-site service & repair centre and team of engineers, we are able to turn equipment round in minimal time, keeping the inconvenience of not having your equipment to a minimum. Speak to a member of staff for further information.

Hire units are available and may be suitable for increased production, 'one off' projects, or hire with a view to buy. We have some of the latest models available and offer reduced hire rates if your machine is with us for service or repair. Ex-Hire units also come up for sale.

Opening Hours

Visit our Trade Counter where we stock and display a wide range of our products and accessories.

Trade Counter:

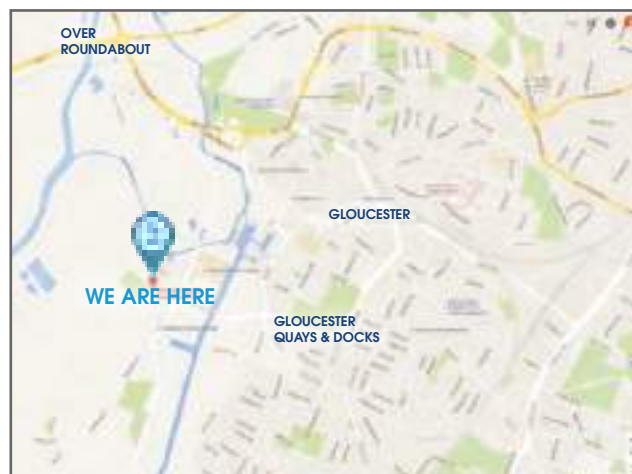
07:30 – 16:30 Monday - Friday
(Closed on weekends)

Sales Line:

07:00 – 17:00 Monday - Friday
(Closed on weekends)

visit our website to order online

www.elmbridgeuk.com



make it happen



Payment

If you have a Credit Account with us, you may pay by invoice. To register, please speak to our Accounts Department.

Telephone: 01452 525757

Email: accounts@elmbridgeuk.com

Alternatively, we accept all major credit/debit cards, or you may order through our website.

Delivery

We provide a daily delivery service throughout the UK or you may pick up from our Trade Counter. Orders placed Monday - Friday before 15:00 will usually be delivered next working day.

Sales and Returns Policy

Elmbridge reserve the right to alter prices without notice. We will accept return of normally stocked goods which are incorrectly ordered providing they are; received by us in new condition, in their original packaging and do not have alterations to how we would have supplied them; have been returned within 30 days of purchase; carriage is paid by the customer.

Faulty and Damaged Goods must be reported within 5 days of receipt and in which case, we offer a replacement.

'make it happen'



01452 525757

www.elmbridgeuk.com

sales@elmbridgeuk.com

Elmbridge Supplies Company UK.,
Unit 20, Spinnaker Road,
Gloucester, GL2 5FD

Request a copy of our other catalogues today!

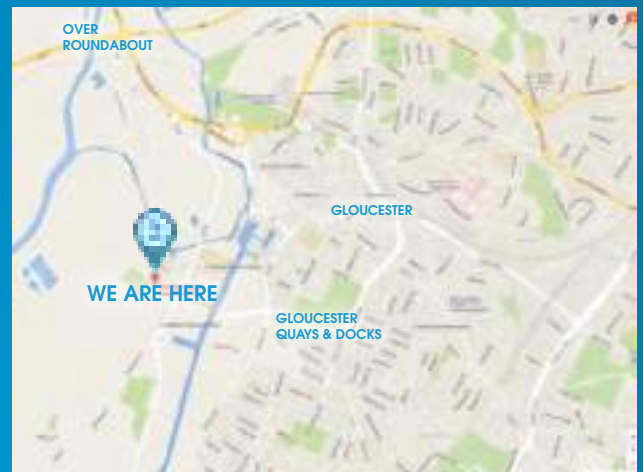
- Industrial Coatings & Accessories
- Industrial Spray Equipment & Accessories
- Wood Coatings & Accessories

Order 24 hours a day, 7 days a week:
www.elmbridgeuk.com

Email us:
sales@elmbridgeuk.com

Call us:
01452 525757

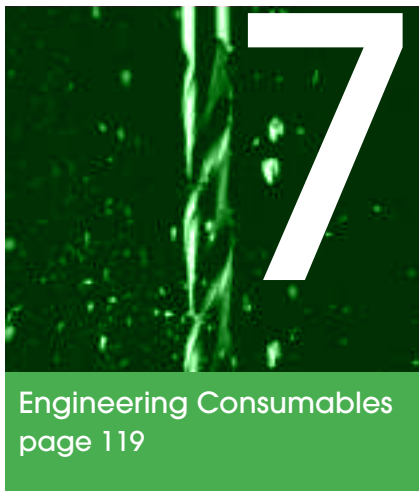
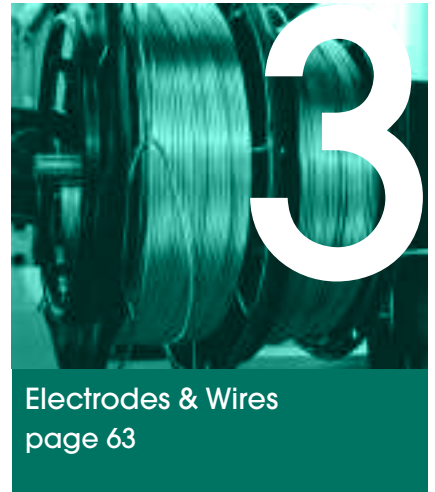
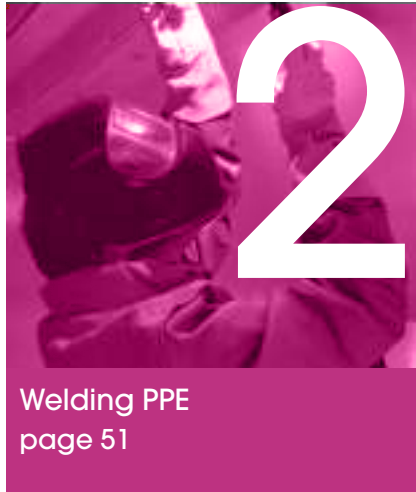
Follow us on:



Visit us at:
Elmbridge Supplies Company UK
Unit 20, Spinnaker Road,
Gloucester GL2 5FD



CONTENTS





Section 1

Welding Equipment

CONTENTS

MMA Welders	P4 - 5
Engine Driven Welders	P6 - 7
Wire Feeders	P7
MMA Accessories	P8 - 13
MIG Welders	P14 - 21
Multi-Process Welders	P22 - 23
MIG Torches	P24 - 25
MIG Accessories	P26
Specialist Torches	P27
Fume Extraction	P28 - 31
TIG Welders	P32 - 39
TIG Torches & Accessories	P40 - 41
TIG Accessories	P42 - 43
Spot Welders	P44
Plasma Cutters	P45 - 47
CNC Plasma Cutters	P48
Straight line / Pipe Cutting	P49
Curtains & Blankets	P50

MMA Welders



JASIC PRO ARC RANGE



JASIC PRO ARC 140, 160, 180 & 200

- IGBT Inverter technology - for the professional user
- MMA / DC Lift TIG
- Hot start ignition, anti-stick*
- Self adaptive arc force, VRD
- 40Khz inverter frequency, high efficiency
- Compact, lightweight
- & modern design
- Easy arc starting, minimal spatter
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly

* Excluding PRO ARC 140

JASIC PRO ARC 400

- IGBT Inverter technology - for the professional user
- Anti stick, arc force, hot start, DC Lift TIG
- Auto-compensation for voltage fluctuation
- Advanced control technology
- Excellent weld characteristics
- Digital amp and voltmeter
- Compact, lightweight
- & modern design
- Remote control option
- Generator friendly



JASIC PRO ARC	140	160 (DUAL VOLTAGE)	180 (DUAL VOLTAGE)	200	400
Power Output:	10-140A	10-160A / 10-120A	10-180A / 10-140A	10-200A	20-400A
Duty Cycle (@40°C):	140A @ 35%	160A @ 35% / 120A @ 35%	180A @ 30% / 140A @ 35%	200A @ 35%	400A @ 60%
Input Voltage:	AC 230V 50/60Hz	AC 230V 50/60Hz AC 115V 50/60Hz	AC 230V 50/60Hz AC 115V 50/60Hz	AC 230V 50/60Hz	AC 400V 50/60Hz
Electrode Range:	1.6 - 3.2mm	1.6 - 3.2mm	1.6 - 4.0mm	1.6 - 4.0mm	1.6 - 5.0mm
Dimensions:	313 x 130 x 250mm	313 x 130 x 250mm	313 x 130 x 250mm	351 x 130 x 250mm	540 x 275 x 510mm
Weight:	4.7kg	4.7kg	4.7kg	5.2kg	31kg
CODE:	180-103	180-102	180-133	180-156	180-146

LINCOLN INVERTEC RANGE

The Lincoln Invertec Range is a small, powerful & robust range of inverter stick welders.

Supplied as machine only with a 2 year warranty.

INVERTEC 135S

- Advanced arc control
- Anti-stick
- Can run on cables up to 3m long
- Lift TIG (scratch)

INVERTEC 150S & 170S

- Hot start
- Auto-adaptive arc force
- Soft & crisp mode
- Advanced arc control
- Anti-stick
- Can run on cables up to 6m long
- Generator friendly
- Lift TIG
- Fan on demand



INVERTEC	135S	150S	170S
Power Output:	10-120A	10-140A	10-160A
Duty Cycle (@40°C):	120A @ 25%	140A @ 30%	160A @ 35%
Input Voltage:	240V 16A	240V 16A	240V 16A
Electrode Range:	1.5 - 3.2mm	1.5 - 3.2mm	1.5 - 4.0mm
Dimensions:	224 x 148 x 315	244 x 148 x 365	244 x 148 x 365
Weight:	4.6kg	6.7kg	7.0kg
CODE:	180-002	180-003	180-004

For further information email us at sales@elmbridgeuk.com

MMA Welders

LORCH HANDY SERIES

Compact, robust, powerful welders. Ideal for workshop & construction.

A true light weight for your shoulders, but also a genuine power package as it regards quality and welding characteristics.



Control Pro

"3 steps and weld" operation concept
Easy one-button operation control
Adjustable Hot Start
Switchable Scratch TIG function
Exact-amp 7 segment display



Basic Plus

"3 steps and weld" operation concept
Very simple single button operation
Advance selection of electrode for optimum welding parameters
Can switch to TIG function
RC variant can be remotely controlled

**3 YEAR
INDUSTRIAL
WARRANTY**

LORCH HANDY SERIES	H160 CONTROL PRO	H180 STANDARD	H200 BASIC PLUS / CONTROL PRO
Power Output:	5-150/160A	5-150/180A	10-200A
Duty Cycle:	40% @150A	40% @150A	30% @200A
Input Voltage:	230V 16A	230V 16A	400V 16A
Electrode Range:	1.5 - 4.0mm	1.5 - 3.25mm	1.5 - 5.0mm
Dimensions:	337 x 130 x 211mm	337 x 130 x 211mm	337 x 130 x 211mm
Weight:	5.3kg	5.7kg	5.8kg
CODE:	180-212	180-213	180-214

LORCH X SERIES

Built for extreme use, extra powerful for large electrodes, excellent for CEL due to MICOR technology. Absolute performance delivering optimum welding results even in the most demanding environments.

Available in:

X350 Basic Plus / VRD (RU/AUS)

X350 Control Pro / VRD (RU/AUS) / PST

X SERIES	
Power Output:	10-350A
Duty Cycle:	35% @ 350A
Input Voltage:	400V 25A
Electrode Range:	1.5 - 8.0mm
Dimensions:	515 x 185 x 400mm
Weight:	18.6Kg / 20.2kg
CODE:	186-215



Not sure what you need? Call us on 01452 525757

Engine Driven Welders



MOSA TS SERIES

The TS Series of MOSA welder-generators covers the general purpose range of welding requirements from 200A up to 400A DC welding current. In common with all MOSA welder-generators the TS series provide abundant single and three phase auxiliary AC power up to 20,000 watts (16kva) for operation of any type of electrical equipment such as power tools, mains powered welding & cutting machines.

Electronic welding current control is standard on all models with the suffix "EL". This not only makes it easier to weld with electronic variable amperage control but also permits the use of AC auxiliary power whilst welding. All "EL" models have the facility to connect a 20m remote welding control and also feature Arc Force Control ("Electrode Dig Force").



MOSA TS SERIES	TS 200 BS/EL PLUS	TS 200 DES/CF	TS 300 KSX/EL - EP1
Power Output:	20-190A DC Welding Output	20-190A DC Welding Output	20-300A DC Welding Output
Electrical Aux. Output:	AC 110/230/4KVA	AC 110/240/4KVA	AC 110/240/415V/10KVA
Duty Cycle:	170A @ 60%	160A @ 60%	300a @ 60%
Engine Type:	Honda GX390 Petrol	Yanmar L100N Diesel	Kohler KD477-2 Diesel
Fuel Consumption:	2.1L/hr (6.5L Capacity)	1.15L/hr (5.5L Capacity)	2.5L/hr (23L Capacity)
Electrode Range:	2 - 3.25mm Inc. Cellulosic	2 - 4.0mm Inc. Cellulosic	2 - 6.0mm Inc. Cellulosic
Dimensions:	870 x 525 x 592mm	900 x 550 x 622mm	1320 x 780 x 780mm
Weight:	105kg	131kg	370kg
CODE:	184-101	184-100	184-104

MOSA MAGICWELD 150 / 200 PETROL

The Magicweld Petrol Welding Generator is extremely portable and ideal for site work repairs and maintenance.

Patented digital welding control
Chopper welding technology
Overload protection
Auto idle
EEC noise compliant

MOSA MAGICWELD 200 DIESEL

The engine-driven welder Magic Weld 200 YDE is a lightweight professional machine with electronic control of the welding current capable of delivering up to 200A with a duty cycle of 60%.

MOSA power optimizer
Economizer (auto idle)
Electric starter within protective frame
Meets EC directives



	MAGICWELD 150	MAGICWELD 200	MAGICWELD 200 YDE
Power Output:	30-150A DC Welding Output	20-200A DC Welding Output	20-200A DC Welding Output
Electrical Aux. Output:	2.0kVA/230V/6.9A	AC 2.5kVA/230V/10.9A Cont.	AC 3kVA/230V/13A Cont.
Duty Cycle:	150A @ 60%	200A @ 60%	170A @ 60%
Engine Type:	Honda GX200, 5.5 HP Petrol	HONDA GX270, 8.5 HP Petrol	Yanmar L70N, 6.7 HP Diesel
Fuel Consumption:	1.1L/h	1.5L/hr (5.3L Capacity)	1.0L/hr (3.3L Capacity)
Electrode Range:	4.0mm - Any type + Cellulosic	4.0mm - Any type + Cellulosic	4.0mm - Any type + Cellulosic
Dimensions:	435 x 375 x 490 mm	610 x 490 x 520mm	630 x 490 x 540mm
Weight:	34kg	57kg	91kg
CODE:	184-105	184-107	184-115

For further information email us at sales@elmbridgeuk.com

Engine Driven Welders & Wire Feeders

LINCOLN RANGER® 305D

300A DC Diesel Engine Driven Welders.

The 305D CE is a powerful 300A DC multi-process diesel engine driven welder. It provides excellent arc characteristics in stick (conventional or pipe), TIG, MIG or Arc Gouging.

Enclosed stainless steel case for protection / low noise
Lincoln's chopper technology providing easy starts, a smooth arc, low spatter and excellent bead appearance.

Arc force control provides a soft or forceful digging arc
Built-in hot start for easier starts and re-strikes
Touch-start DC TIG® - Lift tungsten to start the arc
Digital meters for amps and volts
Meets IEC974-1 and CE standards for safety and reliability

LINCOLN RANGER® 305D	
Power Output:	40-300A DC welding output
Electrical Aux. Output:	AC 115/230/400V
Duty Cycle:	250A @ 100%
Engine Type:	Kubota 18.8HP D722 Diesel - Water cooled
Electrode Range:	2.0 - 6.0mm
Dimensions:	909 x 546 x 1327mm
Weight:	341kg
CODE:	184-305



LINCOLN VANTAGE® 400 CE & 500 CE

Compact, multi-process, excellent value.

The Vantage® 400CE and 500 CE are one of the most compact, powerful, yet quietest engine-driven welder/generators in the construction, pipe or rental fleet market today.

Compact case with stainless steel enclosure
Built in "hot start" for easier starts and re-strikes
Plenty of AC 50 Hz generator power
Innovative service access
Low noise to fit with European norms
VRD™ reducing OCV in the CC-Stick weld mode
Meets IEC974-1 and CE standards for safety and reliability

LINCOLN VANTAGE®	400CE	500CE
Power Output:	30-400A DC	30-500A DC
Electrical Aux. Output:	400V/220V/115V	400V/220V/115V
Duty Cycle:	350A @ 100%	400A @ 100%
Engine Type:	Perkins 404D-22 Diesel-Water cooled	Perkins 404D-22T Diesel-Water cooled
Electrode Range:	2.0 - 8.0mm	2.0 - 8.0mm
Dimensions:	913 x 642 x 1524mm	913 x 687 x 1590mm
Weight:	560kg	586kg
CODE:	184-400	184-500



LINCOLN LN-25 PRO & DUAL PRO

Portable construction wire feeder.

Built upon on tradition and success of the LN™-25, the new LN™-25 PRO is designed to be simple, reliable and easy to service. The MAXTRAC® wire drive enhances performance while the replacement case and many other upgrade options - can be installed in less than five minutes.

The LN™25 PRO is available in 2 models: Standards and Dual Power:
Standard can be powered across the Arc. The feeder utilises the Arc voltage to drive the feeder.

The Dual Power model features a voltage control knob for superior arc control, digital meters for increased monitoring, MIG-STT® capability, and can be powered with either a control cable or across the arc.

LINCOLN LN-25	PRO	DUAL PRO
Wire Size:	0.6 - 1.6mm (solid) 0.8 - 2.0mm (cored)	0.6 - 1.6mm (solid) 0.8 - 2.0mm (cored)
Dimensions:	381 x 221 x 589mm	381 x 221 x 589mm
Weight:	16kg	16kg
CODE:	183-025	183-026



Not sure what you need? Call us on 01452 525757

MMA Accessories

DINZE PLUGS & SOCKETS



CABLE SOCKETS	CODE
10/25 Dinze Socket	161-002
35/50 Dinze Socket	161-005
70/95 Dinze Socket	161-008

CABLE PLUGS	CODE
10/25 Dinze Plug	161-001
35/50 Dinze Plug	161-004
70/95 Dinze Plug	161-007



PANEL SOCKETS	CODE
10/25 Dinze Panel Socket	161-003
35/50 Dinze Panel Socket	161-006
70/95 Dinze Panel Socket	161-009

PANEL PLUGS	CODE
35-50 Dinze Panel Plug	161-017

WELDING CABLES



BLACK SINGLE INSULATED CABLE*	CODE
16mm Cable	160-001
25mm Cable	160-002
35mm Cable	160-003
50mm Cable	160-004
70mm Cable	160-005
95mm Cable	160-006

ORANGE DOUBLE INSULATED CABLE*	CODE
16mm Cable	160-1000
25mm Cable	160-1001
35mm Cable	160-1002
50mm Cable	160-1003
70mm Cable	160-1004
95mm Cable	160-1005

* Amperage based on current rating calculated with 60% intermittent in 30°C ambient temperature and maximum conductor temperature of 70°C

LUGS



CABLE LUGS (HAMMER ON)	CODE
35mm Lug	162-009
50mm Lug	162-010
70mm Lug	162-011

CABLE LUGS (CRIMP ON)	CODE
10/8 / 16mm Lug	162-001
35/10 / 35mm Lug	162-002
35/12 / 35mm Lug	162-003
50/10 / 50mm Lug	162-004
50/12 / 50mm Lug	162-005
70/12 / 70mm Lug	162-006

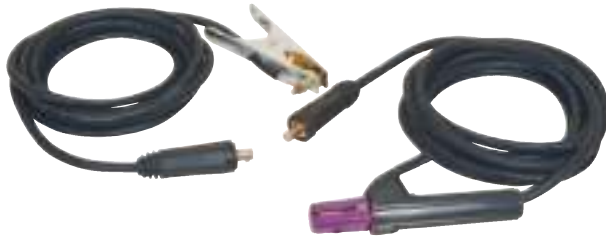
CABLE LUGS (RE-USABLE)	CODE
35mm Lug	162-007
50mm Lug	162-008
70mm Lug	162-012

OTHER SIZES AVAILABLE ON REQUEST

For further information email us at sales@elmbridgeuk.com

MMA Accessories

CABLE SETS



**CUSTOM CABLE SETS
BUILT TO ORDER**
PLEASE CALL FOR DETAILS
01452 525757

ELECTRODE HOLDERS & EARTH CLAMPS



CROCODILE EARTH CLAMPS	CODE
200A Earth Clamp	164-001
400A Earth Clamp	164-002

CROCODILE TYPE ELECTRODE HOLDERS	CODE
300A Electrode Holders	164-025
600A Electrode Holders	164-026

SCREW TYPE EARTH CLAMPS	CODE
600A Screw type earth clamp	164-003



TWIST TYPE ELECTRODE HOLDER

Twist type short stub Electrode Holders. Built with comfort & performance in mind and designed to reduce overheating.

ELECTRODE HOLDERS	CODE
400A Twist type yellow handle	164-004
600A Twist type yellow handle	164-005

MYKING ELECTRODE HOLDER

- Straight head allows excellent visibility of production work
- Good manoeuvrability - great for tight spaces
- Excellent for vertical welding
- Rubber handle for better grip

ELECTRODE HOLDERS	CODE
600A Myking electrode holder	164-006

CARBON ARC GOUGING TORCHES

An electric arc is generated between the tip of a carbon electrode and the workpiece. The metal becomes molten and a high velocity air jet streams down the electrode to blow it away leaving a clean groove. The process is simple to apply, has a high metal removal rate and gouge profile can be closely controlled. Typical applications include back gouging, removal of surface and internal defects, removal of excess weld metal and preparation of bevel edge for welding.



360° Swivel Cable head
Max Amps - 1000A
15° Head angle
4mm - 13mm Carbons
80psi Pressure






GOUGING TORCHES	CODE
7" Gouging Torch	167-407
10" Gouging Torch	167-410

GOUGING CARBON	CODE
6mm x 300mm	167-001
8mm x 300mm	167-001A
10mm x 300mm	167-003

Not sure what you need? Call us on 01452 525757

MMA Accessories

CHIPPING HAMMERS

CHIPPING HAMMERS	DESCRIPTION	CODE
	Wooden Handle Chipping Hammer The original and most popular model chipping hammer. With a solid wood handle and a double-ended chipping head.	165-200
	Green Handle Chipping Hammer A lightweight, reliable design with long handle & double ended chipping head. Features a chisel end and a pointed tip to efficiently remove slag created when welding.	165-201
	Spring Handle Chipping Hammer Strong, solid construction with spring handle to provide a good grip and reduce resonance. Head includes a chisel end and point.	165-202



WIRE BRUSHES

DESCRIPTION	CODE
Stainless steel 2 row	163-001
Stainless steel 3 row	163-002
Stainless steel 4 row	163-003
Mild steel 2 row	163-004
Mild steel 3 row	163-005
Mild steel 4 row	163-006
Mild steel 4 row c/w scraper	163-007
Brass wire brush	163-008



SPID BRUSHES

DESCRIPTION	CODE
Mild steel (red handle)	513-001
Stainless steel (green handle)	513-003
Brass (yellow handle)	513-002



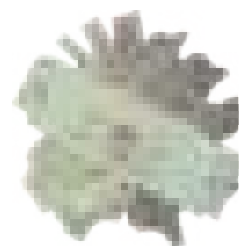
DIGITAL HEAT THERMOMETER 850C

A Digital Thermometer with laser targeting and temperature detection via infra-red. Operated by trigger control. Ideal for pre-heating, inter-pass temperature measurement and controlled cooling tasks. Can be used with practically all solid surfaces and is battery operated with an LCD screen.

DESCRIPTION	CODE
Digital heat thermometer	895-850

FILLET GAUGES

Stainless steel fillet gauge set for measuring a range of fillet weld dimensions in imperial and metric units. Comes with pouch.



CODE

165-300

CAM TYPE WELDING GAUGE

A stainless steel gauge for measuring weld preparations, completed butt & fill welds, angle of preparation, excess weld material, fillet leg length & throw size. Comes with pouch.



CODE

152-931

For further information email us at sales@elmbridgeuk.com

MMA Accessories



TEMPILSTIK TEMPERATURE INDICATORS

An inexpensive alternative for surface temperature measurement. Tempilstik® melts at designated temperature for easy visual inspection with no gauges, electronics or calibration required.

Available from 100°F - 2000°F/38°C - 1093°C

Compliant - meets AWS D1.1, ASME Code Sec. I, III and VIII, ANSI/ASME Code B31.1 and B31.3

TEMPERATURE	CODE	Need to be more specific? Please call our sales team
50°C / 122°F	177-1050	
100°C / 212°F	177-1100	
105°C / 221°F	177-1105	
120°C / 248°F	177-1120	
149°C / 300°F	177-1149	
150°C / 302°F	177-1150	
175°C / 347°F	177-1175	
200°C / 392°F	177-1200	
204°C / 400°F	177-1204	
225°C / 437°F	177-1225	
250°C / 482°F	177-1250	

MARKAL B® PAINTSTIK®

Markal's most versatile and economic marker, the original B Paintstik solid paint marker combines the durability of paint in the convenience of a crayon.

Real paint for long-lasting, highly visible marks on oily, icy, wet, dry and cold surfaces

Superior marking on rough, rusty, dirty surfaces

Weather and UV-resistant for long-lasting marks

Marking range: -50°F to 150°F (-46°C to 66°C)

COLOUR	CODE
Yellow	177-100
White	177-101
Black	177-102
Blue	177-103



ARTLINE 400XF PAINT MARKER

Artline 400XF paint markers contain a fast drying, solvent-based, xylene free ink, suitable for indoor and outdoor use. Ideal for use on metal, glass, plastics (not EPS), ceramics, wood, rubber and laminates and perfect where indelible marking is required.

Acrylic fibre chisel tip writes a 2.3mm line

Pump valve action ensures consistent output of paint

Highly water, weather and fade resistant

COLOUR	CODE
White	177-001
Black	177-002
Yellow	177-003



FLAT FRENCH CHALK

DESCRIPTION	CODE
Flat french chalk - box x144	166-001
Flat french chalk holder	166-002



MARKAL PAINTSTIK®

Designed to bleed through solvent- or oil-based primers or painted surfaces, ideal for structural steel parts or layout work where marks are required to show through a covering coat of paint or primer.

Used for inspection, coding, layout or assembly operations

Durable weather and UV-resistant marks

To prevent bleeding through the finished coat of paint, seal the marked areas with water-based epoxy paint

Marking range: -50°F to 150°F (-46°C to 66°C)

COLOUR	CODE
Blue	177-010
White	177-011



MARKAL BALL PAINT MARKER®

A liquid paint marker with a durable metal-ball tip for writing on hard surfaces. Non-drip paint formula is ideal for identifying fabricated steel and other rough surfaces stored in harsh environments. Marking range: -50°F to 150°F (-46°C to 66°C)

COLOUR	CODE
White	177-402
Yellow	177-401
Red	177-400

Not sure what you need? Call us on 01452 525757

MMA Accessories

METAL WORKING SPRAYS

3 part system to highlight cracks and flaws in a finished weld.

Conforms to BS 6443, BS EN 571, ASME V, ASTM E-165

Directions for use:

Use Cleaner and wipe dry.

Spray Penetrant, leave for 15 min.

Wipe away the Penetrant from the surface.

Use the Cleaner on a dry cloth, wiping in one direction only.

Wipe dry.

Shake thoroughly and then spray on the Developer. Leave for 10 minutes.

Remove the Developer and Dye using the Cleaner.

DESCRIPTION	CODE
Crack Detector Cleaner 300ml Aerosol	178-002
Crack Detector Penetrant 300ml Aerosol	178-003
Crack Detector Developer 300ml Aerosol	178-001



GALVANISING SPRAY

Range of brands and sizes available.

DESCRIPTION	CODE
Aztec Zinc Galvanising Spray - 500ml	9803-0850
Ambersil Bright Cold Galvanise Spray - 400ml	9803-0808
Ambersil Cold Galvanised Spray - 400ml	9803-0809
Rust Oleum 2117 Bright Cold Galvanising Aerosol - 500ml	9804-0-2117
Rust Oleum 2185 Cold Galvanising Aerosol - 500ml	9804-0-2185



LEAK DETECTOR SPRAY

Non-toxic milky spray in a 400ml can. Suitable for use on hoses, regulator nuts, shank valves, headnuts, etc.

DESCRIPTION	CODE
300ml Aerosol	569-101

**MORE METAL WORKING
SPRAYS, CUTTING OILS
AND LUBRICANTS ON
PAGES 126 - 128**

**WELDING HELMETS
& ACCESSORIES
CAN BE FOUND ON
PAGES 52 - 60**



 **Speedglas**

For further information email us at sales@elmbridgeuk.com

MMA Accessories

OVENS & QUIVERS



300°C PORTABLE OVEN - 110/240V

The portable drying oven is designed to operate in rugged site conditions.

SPECIFICATION	
Temperature:	Thermostatically controlled, 100-300°C
Internal Dimensions:	115 x 480 x 115mm
Capacity:	13.6kgs
CODE:	167-122



500°C OVEN

Digital, high temperature controlled, robustly constructed baking oven.

SPECIFICATION	110V	240V
Temperature:	Digital control, 0-500°C	
Internal Dimensions:	500 x 430 x 400mm	
Capacity:	200kg	
CODE:	167-510	167-524



100°C QUIVER - DUAL VOLTAGE 110/240V

The heated electrode dual voltage quiver is ideal for site work.

SPECIFICATION	
Temperature:	Even temperature of 100°C
Internal Dimensions:	120 x 500 x 110mm
Capacity:	9kgs
CODE:	167-141



300°C OVEN

Digital temperature controlled, robustly constructed baking oven.

SPECIFICATION	110V	240V
Temperature:	Digital control, 100-300°C	
Internal Dimensions:	500 x 430 x 400mm	
Capacity:	200kgs	
CODE:	167-110	167-124



TURN TO
PAGES 26 - 27 FOR MIG ACCESSORIES
PAGES 40 - 43 FOR TIG ACCESSORIES



**WELDING CURTAINS
& BLANKETS**
ON PAGE 50



Not sure what you need? Call us on 01452 525757

MIG Welders



JASIC PRO MIG MULTI PROCESS RANGE

Experience high quality weld performance and versatility with the Jasic MIG Multi Process Range. The latest IGBT compact MIG/MMA Inverter, ideally suited for production, site work and maintenance. Includes: MIG torch, gas regulator, work return lead & clamp.

- Single PCB compact welding inverter
- Stable arc and reliable performance
- Compact size, lightweight and modern design
- Burn back control
- The emerging power in inverter technology
- 5 year warranty as standard



*Lift TIG - MIG 200 Synergic Multi Process only



	PRO MIG 160 MULTI PROCESS	PRO MIG 200 MULTI PROCESS	PRO MIG 200 SYNERGIC MULTI PROCESS
Features:	IGBT MIG/MMA Multi Process Inverter technology. Reverse polarity	IGBT MIG/MMA Multi Process Inverter technology. Reverse polarity	Synergic control IGBT MIG/MMA/Lift TIG Multi Process synergic Inverter. Digital amp and voltmeter
Power Output:	10 - 160A	10 - 200A	10 - 200A
Duty Cycle @40°C:	160A @ 35%	200A @ 35%	200A @ 35%
Input Voltage:	AC 230V - 50/60 Hz	AC 230V - 50/60 Hz	AC 230V - 50/60 Hz
Wire Spool Size:	ø 200mm 0.6 - 1mm wires	ø 200mm 0.6 - 1mm wires	ø 200mm 0.6 - 1mm wires
Dimensions:	485 x 185 x 370mm	485 x 185 x 370mm	485 x 185 x 370mm
Weight:	12.5kg	12.5kg	12.8kg
CODE:	180-115	180-123	181-952

JASIC PRO MIG INVERTER COMPACT RANGE

Consistently reliable performance for highly demanding and repetitive weld cycles. Includes MIG torch, gas regulator, work return lead & clamp.

- Multi function inverter: MIG, MMA and gasless, Flux cored, Lift arc TIG
- Digital display
- Advanced control circuitry
- Spool gun interface
- Burn back control & wire inching
- Accommodates full size gas cylinder
- 5 year warranty as standard.



READY TO WELD!



Optional accessory;
Spool gun (JSG-01)

	PRO MIG 250 INVERTER COMPACT	PRO MIG 350 INVERTER COMPACT
Additional features:	-	4 roll feed drive High duty cycle VRD on MMA Setting
Power Output:	MMA: 10 - 250 MIG: 25-250	MMA: 20 - 350 MIG: 50-350
Duty Cycle (@40°C):	250A @ 35%	350A @ 40%
Input Voltage:	AC 230V - 50/60 Hz	AC 400V - 50/60 Hz
Wire Spool Size:	ø 200/300mm 0.6 - 1mm wires	ø 300mm 0.8 - 1.2mm wires
Dimensions:	880 x 296 x 616mm	900 x 400 x 670mm
Weight:	47kg	54kg
CODE:	180-106	180-116

For further information email us at sales@elmbridgeuk.com

MIG Welders

JASIC is an international developer, manufacturer and supplier of welding inverters and integrated welding solutions that represent value, reliability and innovation. With an international sales network in 60 countries, JASIC has a worldwide reputation for providing the best quality with exceptional service.

JASIC has a certified ISO 9001 quality management system and a product range that fully complies with CE, RoHS, C-TICK, CSA and CCC standard.

5 YEAR WARRANTY AS STANDARD

JASIC PRO MIG INVERTER SEPARATE RANGE

Advanced control, circuitry and rugged, reliable performance.

- IGBT MIG MAG/MMA/Lift Arc TIG Inverter
- Digital amp and voltmeter
- Includes MIG torch, interconnecting cable, gas regulator, work return lead & clamp
- 5 year warranty as standard



	JASIC PRO MIG 250 MULTI PROCESS SEPARATE	JASIC PRO MIG 350P PULSE MULTI PROCESS SEPARATE	JASIC PRO MIG 350 MULTI PROCESS SEPARATE	JASIC PRO MIG 450 MULTI PROCESS SEPARATE
Additional features:	Spot welding feature Wire inching feature Compact portable design 2T/4T MMA function Optional accessory; inverter trolley (JMT-250S)	Synergic MIG/MAG pulse, double pulse and DC MMA Spot/2T/4T modes Self-diagnostic system Synergic curves for materials & wires	Advanced control circuitry Burn back control & wire inching 2T/4T trigger function Power & status LED's Gas check function Variable inductance Accommodates full size gas cylinder Optional accessory; water cooling unit (JWC-01)	
Power Output:	MMA: 10-220A MIG: 35-250A	10-350A / 15-40V	MMA: 20-350A MIG: 50-350A / 15-36V	MMA: 30-400A MIG: 60-450A / 15-40V
Duty Cycle @40°C:	250A @ 60%	350A @ 60%	MMA 350A @ 40% MIG 350A @ 40%	MMA 400A @ 80% MIG 400A @ 100%
Input Voltage:	AC 400V - 50/60 Hz	AC 400V - 50/60 Hz	AC 400V - 50/60 Hz	AC 400V - 50/60 Hz
Wire Spool Size:	ø 200/300mm 0.6-1mm	ø 300mm 1.0-1.8mm	ø 300mm 0.6-1.2mm	ø 300mm 0.6-1.2mm
Dimensions:	510 x 196 x 385 mm	1020 X 505 X 1390 mm	760 x 365 x 585 mm	760 x 365 x 585 mm
Weight:	25kg	117kg	49kg	53kg
CODE:	180-121	180-353	180-352	180-120

JASIC inverters comply with the most stringent quality and safety standards.



MIG Welders

LORCH M-PRO SERIES

MIG-MAG perfection for every workshop. For mixed gas and also for CO₂.

The Lorch M-Pro shows itself as a true all-rounder for sheet metal and from medium to heavy steel work. The high quality system is impressive with excellent welding characteristics, a robust case, optimal operator ergonomics and the practically oriented "3 steps to weld" operating concept.

Sets including torch, pressure reducer with contents and flow rate gauge, welding return cable, basket spool adapter, mains cable, plug and instruction manual.
3 year guarantee.



M-PRO SERIES	M-PRO210	M-PRO250	M-PRO300
Features:	Mains adapter for 230V operation. Compact.	Mains adapter for 230V operation. Compact.	Mains adapter for 230V operation. Compact.
Power Output:	25-210A	30-250A	30-300A
Duty Cycle (@40°C):	15% @ 210A	25% @ 250A	25% @ 300A
Input Voltage:	230V 16A	240V 16A	400V 16A
Wire Size:	0.6-1.0mm	0.6-1.0mm	0.6-1.2mm
Dimensions:	880x400x755	880x400x755	880x400x755
Weight:	69kg	71kg	80kg
BasicPlus:	■	■	■
ControlPro:	■	■	■
Performance:		■	■
CODE:	181-201	181-202	181-203

Torch holder sold separately.



BasicPlus

"3 steps and weld" operation concept
Automatic setting control (synergic function)
2/4 cycle/spot/interval welding changeover
2 roll wire feeder
6-12 voltage steps (model dependent)



ControlPro

"3 steps and weld" operation concept
Automatic setting control (synergic function)
2/4 cycle/spot/interval welding changeover
4 roll wire feeder
7-12 voltage steps (model dependent)
Voltmeter / ammeter



Performance

"3 steps and weld" operation concept
Automatic setting control (synergic function)
2/4 cycle/spot/interval changeover
4 roll wire feeder
21 voltage steps
Voltmeter / ammeter
Bright, graphical display (OLED)
Possibility for connection of the Powermaster remote control torch



WELDING GAUNTLETS

CAN BE FOUND ON PAGE 61

For further information email us at sales@elmbridgeuk.com

MIG Welders

LORCH MICOR MIG SERIES

The new MIG-MAG generation.

Reliable, robust, simple to control and offered at a reasonable price. Lorch MicorMIG sets new standards and makes switching to a modern, infinitely variable welding system as easy and effective as can be. Thanks to its patented Micor technology, it lets every welder achieve perfection with superior welding properties, as well as an exceptional price-performance ratio and simply comes across as a better alternative to the common transformer system.

MicorMIG has benefits such as dynamic control and crater filling, and offers three different operating concepts: Basic, BasicPlus, ControlPro (including synergy control for BasicPlus or greater). For steel, stainless steel and aluminium. The system is furthermore certified in accordance with EN 1090 and fully upgradeable. If needed, you can simply add additional functions and welding processes, thereby remaining prepared to take on any welding challenge you may face in the future. Excellent all around.

Manufactured and tested according to DIN EN 60974-1, with CE mark, S-symbol and IP 23. 3 year guarantee.



MICOR MIG SERIES	MICOR MIG 300	MICOR MIG 350	MICOR MIG 400	MICOR MIG 500
Power Output:	30-300A	30-350A	30-400A	30-500A
Duty Cycle (@40°C):	45% @ 300A	45% @ 350A	45% @ 400A	45% @ 500A
Input Voltage:	3 - 400V 32A	3 - 400V 32A	3 - 400V 32A	3 - 400V 32A
Wire Size Steel:	0.6 - 1.2mm	0.6 - 1.2mm	0.6 - 1.6mm	0.6 - 1.6mm
Wire Size Aluminium:	1.0 - 1.2mm	1.0 - 1.2mm	1.0 - 1.6mm	1.0 - 2.4mm
Wire Size CuSi:	0.8 - 1.2mm	0.8 - 1.2mm	0.8 - 1.2mm	0.8 - 1.2mm
Dimensions:	880 x 400 x 755mm	880 x 490 x 855mm	880 x 490 x 855mm	880 x 490 x 855mm
Weight:	51kg	60kg	64kg	73kg
Compact (A System):	Gas / Water Cooled	Gas / Water Cooled	Gas / Water Cooled	Gas / Water Cooled
Separate (B System):	Gas / Water Cooled	Gas / Water Cooled	Gas / Water Cooled	Gas / Water Cooled

* Torch, Torch Holder, Welding Return Cable, Basket Spool Adapter & Pressure Reducer sold separately.

LORCH MICOR MIG PULSE SERIES

Good-bye, transition arc

Weld without spatter thanks to a stable and easy-to-control pulse arc.

Exceptionally versatile

The right short arc, pulsed arc or spray arc for any job.

Effortless handling

Intuitive set-up, easy operation and minimum rework distinguish the MicorMIG Pulse as a favourite among welders.

Pulse arc

Minimum rework. Easy to set up and robust, the pulse process integrated into the MicorMIG Pulse now lets you weld with next to no spatter especially in the transition arc. This cuts down the need for extensive rework and saves valuable time during a welding wire change. What is more, MicorMIG Pulse includes all of the well known functions packed into the MicorMIG series.

Enhanced performance thanks to MicorBoost

Our MicorBoost technology affords you even greater effectiveness at a higher degree of efficiency when completing MIG-MAG welding tasks. Moreover, fast-action control technology provides for a perfect droplet transition of the pulse arc.

Upgradability

It has never been easier to adjust a welding system to the constantly changing requirements in the welding industry and to add on welding processes, welding programs and features that will streamline your workflows.

Ready for Speed

Take your productivity to the next level by adding the optional Lorch Speed processes "SpeedUp" and "SpeedArc" to your MicorMIG Pulse.



**3 YEAR
INDUSTRIAL
WARRANTY**

**Available in a
range of wire
feed versions**

Not sure what you need? Call us on 01452 525757

MIG Welders

LORCH SPEEDPULSE XT

Dynamic control

Allows the welder, for the first time, to variably adjust a pulse welding machine to a wide range of jobs and welding positions as well as to his personal preferences. The welder can use a controller to directly access the arc characteristic and change it from soft to hard.

Ready for Pulse

Highly developed processor technology provides for the seamless interaction of all parameters and components involved in the welding process. The results of this smooth interaction are superior duty cycle levels and maximum productivity.

Versatility

Operating equally well with argon/CO2 mixed gas and 100% CO2, Lorch's S5 SpeedPulse XT is perfectly equipped for international use.

EN 1090-certified

Includes mains cable, plug, carrying strap and instruction manual.

**3 YEAR
INDUSTRIAL
WARRANTY**



LORCH S SERIES	LORCH S3 MOBILE	LORCH S3	LORCH S5	LORCH S8
Power Output:	25-320A/V	25-320A/V	25-400A/V	25-500A/V
Duty Cycle (@40°C):	40% @ 320A	40% @ 320A	50% @ 400A	60% @ 500A
Input Voltage:	400V 16A	400V 16A	400V 32A	400V 35A
Wire Size Steel/Aluminium:	0.6-1.2mm/1.0-1.2mm	0.6-1.2mm/1.0-1.2mm	0.6-1.6mm/1.0-1.6mm	0.6-1.6mm/1.0-2.4mm
Dimensions:	812x340x518	1116x463x812	-	-
Weight:	34kg	-	-	-
Compact (A System):		Gas / Water Cooled	Gas / Water Cooled	Gas / Water Cooled
Mobile Compact System:	Gas / Water Cooled			
Separate (B System):		Gas / Water Cooled	Gas / Water Cooled	Gas / Water Cooled
Mobile Compact (AB System): with integrated wire feeder and additional wire feed case		Gas / Water Cooled	Gas / Water Cooled	Gas / Water Cooled
Dual Feed (BB System):		Gas / Water Cooled	Gas / Water Cooled	Gas Cooled

LORCH MX SERIES

'M' as in MIG-MAG mobile and multi-process. 'X' is in eXtra strong, thanks to MICOR inverter technology.

"3 steps to weld" operating concept.
7-segment display, exact to the amp.
MIG-MAG Synergy function.
Advance selection of electrode for optimum results.
Hotstart can be set in sub-menu.
Can switch to TIG function.
Can be used with semi-automatic MIG-MAG wire feed cases by means of CV curve.



MX 350 SOLO MACHINE

Features:	Includes mains cable, plug, carrying strap and instruction manual. 3 year guarantee.
Power Output:	10-350A
Duty Cycle (@40°C):	35% @ 350A
Input Voltage:	400V 16A
Electrode Range:	1.5-8.0mm (CEL 6.0mm)
Dimensions:	515x185x400
Weight:	18.6kg
CODE:	181-950



**3 YEAR
INDUSTRIAL
WARRANTY**

For further information email us at sales@elmbridgeuk.com

WITH OVER 50 YEARS EXPERIENCE, OXFORD WELDERS HAVE ACHIEVED AN OUTSTANDING REPUTATION FOR LONG TERM RELIABILITY DUE TO THE WELL ENGINEERED, BRITISH DESIGN & BUILD QUALITY.

2 YEAR WARRANTY ON ALL ITEMS | 5 YEAR MAIN TRANSFORMER WARRANTY | 20 YEAR MINIMUM GUARANTEE OF SPARES AVAILABILITY

OXFORD MIGMAKER

MIG welding machines, 180A - 330A, Single & three phase models

Oxford are known for their simple rugged build, high reliability with a very long life span & excellent welding performance, using the highest quality components throughout. At the heart of every Oxford MIG is a substantial copper wound transformer fitted with robust rotary switches & an overrated rectifier to give unbeatable durability. Comes with a 3M mains input lead, 3M work lead & 1.5m gas hose.

Heavy duty wire spool holder for 15kg or 5kg wire reels with mechanical brake to prevent overrun

Oxford CAP+ technology ensures excellent weld starts & a very smooth stable weld with minimal spatter

Robust PCB fitted to precisely control motor speed & all functions including burn back etc

Built to comply with BS EN60974-1, BS EN50199, RoHS directive, & CE marked

Options for reverse polarity to use gasless wire, other options include spot timer & trigger latching



OXFORD MIGMAKER	200-1 SINGLE PHASE	240-1 SINGLE PHASE	330-1 SINGLE PHASE	270-3 THREE PHASE	330-3 THREE PHASE
Features:	Standard: Infinitely variable wire feed speed with semi-synergic control, built in motor brake & burn back. Options: Reverse polarity function for running gasless wire, spot weld timer.		Standard: Infinitely variable wire speed control, built in electronic motor brake & burn back with internal adjustment. Options: Torch trigger latching, reverse polarity function for running gasless wire.		
Power Output:	20-200A	20-240A	30-330A	30-270A	30-330A
Duty Cycle (@40°C):	130A @ 35%	180A @ 35%	330A @ 35%	250A @ 35%	330A @ 35%
Input Voltage:	230V	230V	230V	400V	400V
MIG Wire Range:	0.6 - 1.0mm	0.6 - 1.2mm	0.8 - 1.2mm	0.6 - 1.2mm	0.6 - 1.2mm
Dimensions:	350 x 720 x 570mm	350 x 720 x 580mm	350 x 720 x 650mm	350 x 720 x 650mm	350 x 720 x 650mm
Weight:	53kg	60kg	88kg	72kg	89kg
CODE:	181-2001	181-2401	181-3301	181-2703	181-3303

OXFORD S-MIG

Synergic separate wire feed MIG welding machines, 270A - 470A, Single & three phase models

The Oxford S-MIG wire feed units were specially developed around the common faults which occur with some competitor machines. They have a compact, strong design, the cables are really securely fixed into the feed unit (pull tested to 200kg with no damage) and the PCB is fitted in the power source for best reliability, only using all metal feed systems. Comes with a 3M mains input lead, 3M work lead & 1.5m gas hose.

Synergic control so very user friendly, just pull the trigger & weld

Heavy duty, compact & rugged wire feed unit built on a 2.5mm steel chassis (9kg & nearly unbreakable)

Oxford CAP+ technology ensures excellent weld starts & a very smooth stable weld with minimal spatter

Copper wound main transformer with overload protection for the longest life & highest efficiency

Robust PCB fitted in power source to precisely control motor speed & all functions including burn back

Optional digital amp/voltmeter and wire spool cover

Built to comply with BS EN60974-1, BS EN50199, RoHS directive, CE marked & WEEE registered



OXFORD S-MIG	270-1 SINGLE PHASE	330-1 SINGLE PHASE	410-1 SINGLE PHASE	270-3 THREE PHASE	330-3 THREE PHASE	410-3 THREE PHASE	470-3 THREE PHASE
Power Output:	30-200A	30-330A	40-410A	30-270A	30-330A	40-410A	40-470A
Duty Cycle (@40°C):	220A @ 45%	290A @ 45%	400A @ 45%	220A @ 45%	290A @ 45%	400A @ 45%	470A @ 45%
Input Voltage:	230V	230V	230V	400V	400V	400V	400V
MIG Wire Range:	S-MIG 2x2 0.6 - 1.2mm	S-MIG 4x4 0.6 - 1.2mm	S-MIG 4x4 0.6 - 1.6mm	S-MIG 2x2 0.6 - 1.2mm	S-MIG 4x4 0.6 - 1.2mm	S-MIG 4x4 0.6 - 1.6mm	S-MIG 4x4 0.6 - 1.6mm
Dimensions:							
Weight:	80kg	100kg	115kg	80kg	100kg	115kg	125kg
CODE:	181-2701	181-3301	181-4101	181-2703	181-3303	181-4103	181-4703

MIG Welders

LINCOLN
ELECTRIC
THE WELDING EXPERTS...

LINCOLN POWERTEC® MIG COMPACT WELDERS

150A - 255A, Single phase MIG Compacts.

The professional, flexible MIG range, ideal for welding thin sheet metal, repair and maintenance works. Suitable for light construction applications (191C & 231C) and light to medium works (271C). Features excellent arc and starting characteristics for efficient, professional welding with minimal spatter levels. Perfect for small workshop, car body repairs or for the farm. Includes 3 year warranty.

Superior arc behaviour with premium starting performance and arc stability
Excellent control with Burnback control and Spot welding function
Easy to change polarity
Meets IEC974-1, -10, ROHS and CE standards for safety and reliability
2/4 stroke feature and additional voltage settings on 191C, 231C and 271C models



	161C SINGLE PHASE	191C SINGLE PHASE	231C SINGLE PHASE	271C SINGLE PHASE
Power Output:	30-150A	30-180A	35-220A	35-255A
Duty Cycle (@40°C):	150A/21.5V @ 20%	180A/23.0V @ 20%	220A/25.0V @ 20%	255A/26.8V @ 20%
Input Voltage:	230V/1/50-60	230V/1/50-60	230V/1/50-60	230V/1/50-60
Dimensions:	615 x 390 x 825mm	765 x 427 x 850mm	765 x 427 x 850mm	765 x 427 x 850mm
Weight:	53kg	70kg	80kg	83kg
CODE:	181-401	181-402	181-403	181-404

LINCOLN POWERTEC PRO® MIG COMPACT WELDERS

Synergic, 280A - 420A, Three phase MIG Compacts.

A premium range of arc welder, synergic style, superior in all respects. Machines produce an excellent arc and very low spatter levels. Includes 3 year warranty.

Superb arc behaviour with argon mix and 100% CO₂

Excellent drive system with large diameter drive roll & powerful motor

Electronic feedback system on the four roll wire drive will guarantee consistent wire feed speed

Synergic control to support easy control by the welder

Bright digital volt and ammeter

Completed with 2/4 step, run-in, wire inch, gas purge and gas pre-flow

Meets IEC974-1, ROHS and CE standards for safety and reliability



	305C PRO THREE PHASE	355C PRO THREE PHASE	425C PRO THREE PHASE
Power Output:	30-280A	30-350A	30-420A
Duty Cycle (@40°C):	280A/285V @ 40%	350A/31.5V @ 40%	420A/35V @ 40%
Input Voltage:	400V/3/50-60	400V/3/50-60	400V/3/50-60
Dimensions:	890 x 565 x 1060mm	890 x 565 x 1060mm	890 x 565 x 1060mm
Weight:	145kg	147kg	162kg
CODE:	181-408	181-409	181-410

LINCOLN POWERTEC® MIG SEPARATE WELDERS

Synergic, 350A - 500A, Three phase MIG Separates.

Powerful potential, technical triumph. Voltage DC power source and wire feeder packages ideal for industrial semi-automatic (365S), heavy duty semi-automatic (425S & 505S), MIG/MAG welding of steel, stainless steel, aluminium and for gas shielded flux cored welding. Includes 3 year warranty.

Superb arc behaviour with argon mix and 100% CO₂

Two choke tabs to support superb arc behaviour

Fan as needed (F.A.N.™)

Synergic control to support easy control by the welder with LF24M Pro

Bright digital volt and ammeter with LF24M and LF24M Pro

Completed with LF-22, LF-24M or LF-24M Pro wire feeder package

Meets IEC974-1 and CE standards

	365S THREE PHASE	425S THREE PHASE	505S THREE PHASE
Power Output:	30-350A	30-420A	30-500A
Duty Cycle (@40°C):	350A/31.5V @ 40%	420A/35V @ 40%	500A/39V @ 50%
Input Voltage:	400V/3/50-60	400V/3/50-60	400V/3/50-60
Dimensions:	875 x 700 x 1035mm	875 x 700 x 1035mm	877 x 700 x 1035mm
Weight:	141kg	151kg	157kg
CODE:	181-412	181-413	181-414



**READY
TO WELD!**

MIG Welders



OERLIKON CITOSTEP MIG COMPACT WELDERS

Three-phase MIG/MAG step controlled compact machines.

CITOSTEP machines set the standard for MIG and flux-cored welding in light fabrication, maintenance or repair work. Featuring a host of professional functions, these machines are able to weld low thickness metal sheets with reduced distortion and low emission of spatters. They have been developed and tested under the hardest conditions (TRUE HD) to grant the reliability you need.

Features as standard: 2/4 stroke, adjustable burn-back, spot-weld, wire inch & gas test.
Voltage selectors with multiple steps for precise adjustment.
Excellent drive system with large diameter drive roll.
Superior arc welding behaviour.
Reliable also in harsh conditions.
Heavy outdoor & indoor applications:
Metal fabrication, maintenance & repair, farm/autobody, light industrial



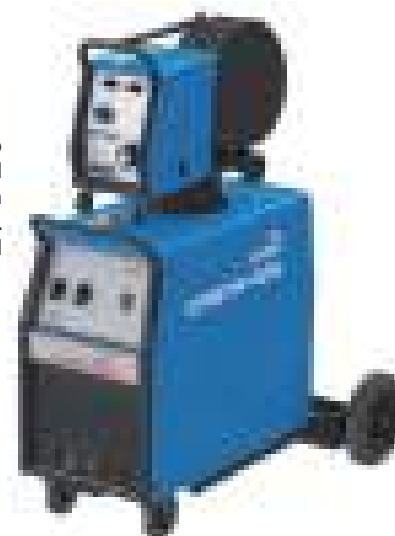
	255C	305C	355C
Power Output:	25-250A	30-300A	30-350A
Duty Cycle (@40°C):	250A@35%	300A@35%	350A@40%
Input Voltage:	230/400V / 3Ph	230/400V / 3Ph	230/400V / 3Ph
Fuse Size (A) (slow)	25/16	32/20	40/25
Wire Feed Speed range (m/min)	1-20	1-20	1-20
Drive Roll	2	4	4
Protection / Insulation Class	IP23/H	IP23/H	IP23/H
Dimensions:	810 x 467 x 930 mm	810 x 467 x 930 mm	890 x 565 x 1040 mm
Weight:	95kg	96.5kg	147kg
CODE:	-	-	-

OERLIKON CITOSTEP MIG SEPARATE WELDERS

Three-phase MIG/MAG step controlled power sources.

CITOSTEP power sources along with WF24 & WF24S wire feeders offer unrivalled choice of step controlled MIG machines. The WF24 and 24S are portable wire feeders with stabilised wire feed speed. They include a rugged 4 roll wire feed unit, featuring cold inch, gas purge and built-in burn back facility. They can be mounted on the power source with a swivelling, wheeled carriage. The Synergic control of the WF24S allows the operator to simply set the welding voltage and start welding: wire feed speed adjusts automatically

Features as standard: 2/4 stroke, adjustable burn-back, spot-weld, wire inch & gas test.
Voltage selectors with multiple steps for precise adjustment.
Superb Arc behaviour with Argon Mix and 100% CO
Two choke tabs to support superb Arc behaviour.
Reliable also in harsh conditions.
Heavy outdoor & indoor applications:
On site maintenance, service tasks, construction sites, general fabrication



	355S	425S	505S
Power Output:	30-350A	30-420A	40-500A
Duty Cycle (@40°C):	350A@40%, 285A@60%	420A@40%, 345A@60%	500A@40%, 410A@60%
Input Voltage:	230/400V / 3Ph	230/400V / 3Ph	230/400V / 3Ph
Fuse Size (A) (slow)	40/25	50/32	63/40
Wire Feed Speed range (m/min)	1-20	1-20	1-20
Drive Roll	2	4	4
Protection / Insulation Class	IP23/H	IP23/H	IP23/H
Dimensions:	875 x 700 x 1035 mm	875 x 700 x 1035 mm	875 x 700 x 1035 mm
Weight:	141kg	151kg	160kg
CODE:	181-924	181-925	181-926

Multi-Process Welders



LINCOLN SPEEDTEC® MULTI-PROCESS WELDERS

Many tasks, many locations

The SPEEDTEC® 180C, 200C & 215C are small but powerful single phase inverter based, multiprocess machines. Lincoln Electric has constructed a fully professional machine packed with features, into a small light-weight compact housing maximising portability.

Compact and Robust, Innovative, Portable and Lightweight, Anyplace, Anywhere.

Multiple Tasks: Speedtec® 180C: CV MIG, FCW, Stick \ Speedtec® 200C/215C: CV MIG, CV Synergic, FCAW, Stick, Lift TIG.

Power Factor Correction (PFC). More Welding Power, consumes 30% less energy than conventional equipment. Generator Compatible.

Superior Arc Performance. CV MIG: Infinitely Variable Control of voltage, Wire Feed Speed and Inductance. Stick: Hot Start and Arc Force Control, TIG: Lift TIG avoids Tungsten contamination.

Processes

- Stick
- Flux-Cored
- Lift TIG (200C/215C)
- MIG



	180C	200C	215C
Power Output:	20-200A	20-200A	20-200A
Duty Cycle (@40°C):	200A/24V/25%	200A/24V/25%	200A/24V/25%
Input Voltage:	230V/1Ph 50-60Hz	115/230V/1Ph 50-60Hz	115/230V/1Ph 50-60Hz
Dimensions:	396 x 246 x 527mm	396 x 246 x 527mm	780 x 400 x 750mm
Weight:	17kg	17kg	42kg
CODE:	181-420	181-430	181-440

LINCOLN POWERTEC® MULTI-PROCESS WELDERS

New inverter based compact welders ready for tomorrow

POWERTEC® i are new inverter based compact welders for MIG/MAG and MMA welding. They are available as either the STANDARD (Volt & WFU controls and digital volt/ammeters) model or the ADVANCED (colour screen with 25 synergic curves) model with two welding outputs, 250 or 320A.

Simple navigation, easy settings and process selection, multi-language menu

Repeatable arc ignition, excellent arc stability, rapid parameter adjustment

Optimized wire positioning, 4 driven rolls, inspection window, LED lights

Developed and tested under the hardest conditions (TRUE HD) for high reliability

Synergy, 7" colour screen, memories, joint visualization (ARCFXTM), multi-languages,

USB connection for the Advanced versions

- On site maintenance
- Service tasks
- Construction site
- General fabrication



	I250C	I320C
Power Output:	10-250A	10-320A
Rated Output:	250A@60% 195A@100%	320A@40% 250A@60% 195A@100%
Input Voltage:	400/3Ph +/- 15% 50-60Hz	400/3Ph +/- 15% 50-60Hz
Dimensions:	870 x 540 x 900mm	870 x 540 x 900mm
Weight:	67kg	67kg

For further information email us at sales@elmbridgeuk.com

Multi-Process Welders



ESAB REBEL EMP MULTI-PROCESS WELDERS - MIG / MAG / TIG / MMA

SMART MIG TECHNOLOGY - This technology we call sMIG (smartMIG) produces less spatter, minimizes weld defects, and adapts to your technique to provide a smooth, stable arc and repeatable welds. Simply set wire diameter and plate thickness and you're ready to weld. No matter your skill level, setup is quick and easy with basic mode for beginners and advanced mode for the pros.

NEXT LEVEL TECHNOLOGY - Built-in arc control sMIG that constantly monitors your weld and adapts for superior, repeatable welds in short arc.

USER INTERFACE THAT SPEAKS TO EVERYONE - The graphical panel is multi lingual, offering more then 22 languages which makes features and functions easily accessible for ALL users.

PLENTY OF POWER - Rebel maximizes power and duty cycle packed in a mobile, portable format making handling easy at any jobsite.

UNMATCHED TOUGHNESS - With a sturdy multi-handle roll cage, steel unibody construction, and IP23S-level protection, Rebel's rugged exterior gives you the confidence to go where you need to go regardless of the welding environment.

ESAB REBEL EMP 215IC MULTI-PROCESS WELDER

The EMP 215ic feature a multi lingual colour TFT-panel where the welder can customize the content and choose what is being presented. Basic mode for simplicity and advanced mode for almost unlimited fine tuning of the weld performance. When choosing the EMP variant the full capability of the machine is unlocked offering superior MIG/MAG, MMA and TIG performance.



ESAB REBEL EMP 235IC MULTI-PROCESS WELDER

The Rebel 215 series now has a big brother. Rebel EMP 235ic is the most mobile welder in its class and has the power and performance to crush even the most demanding jobs. The Multi-process capabilities of the EMP 235ic combined with low weight and compact format makes this machine truly versatile.



ESAB REBEL EMP 255IC / 320IC MULTI-PROCESS WELDERS

EMP 255ic & EMP 320ic - the industrial TRUE multi-process Rebel™ machines that combine power and mobility. The compact and lightweight system offers flexibility in any fabrication environment. With a built in wire feed system designed for productivity and reliability, the weld quality is high and consistent regardless of the material being welded.

	REBEL EMP 215IC	REBEL EMP 235IC	REBEL EMP 255IC	REBEL EMP 320IC
Input Voltage	Single phase (1ph) 110V - 230V	Single phase (1ph) 110V - 230V	Three phase (3ph) 360V - 480V	Three phase (3ph) 360V - 480V
Power Output	205A @ 25%	230A @ 25%	255A @ 40%	320A @ 40%
Spool Size	200mm	200 - 300 mm	200 - 300 mm	200 - 300 mm
Weight	18.6 kg (portable)	28.6 kg (portable)	28.6 kg (portable)	28.6 kg (portable)
Drive System	2-wheel, 12.6 m/min wire feed speed	2-wheel, 17.8 m/min wire feed speed	4-wheel, 20.3 m/min wire feed speed	4-wheel, 20.3 m/min wire feed speed
Mild Steel Dimensions	0.6 - 1.0 mm	0.6 - 1.0 mm	0.8 - 1.2 mm	0.8 - 1.4 mm
Stainless Steel Dimensions	0.8 - 1.0 mm	0.8 - 1.0 mm	0.8 - 1.2 mm	0.8 - 1.4 mm
FCW Dimensions	0.8 - 1.2 mm	0.8 - 1.2 mm	0.8 - 1.2 mm	0.8 - 1.6 mm
Aluminium Dimensions	1.0 - 1.2 mm	1.0 - 1.2 mm	1.0 - 1.2 mm	1.0 - 1.4 mm
CODE:	180-215	180-216	180-219	180-218

MIG Torches



ABICOR BINZEL MIG TORCHES

The leading brand of torch and accessory components for all your welding needs. Special A Tips for Aluminium and further sizes are available from stock.

ABICOR BINZEL is shaping the technological head start and dynamic improvement in the world of welding and cutting at all times. For almost every type of material, components and welding tasks ABICOR BINZEL offers the right torch for the job. Air or liquid cooled. For manual, semi or fully automated applications. Additionally substantial welding accessories and robot periphery systems.

MB15 AIR COOLED TORCH PACKAGE



DESCRIPTION	CODE
MB15 X 3mtr	100-001
MB15 X 4mtr	100-002
MB15 X 5mtr	100-008

MB25 AIR COOLED TORCH PACKAGE



DESCRIPTION	CODE
MB25 X 3mtr	100-003
MB25 X 4mtr	100-004
MB25 X 5mtr	100-011

MAIN CONSUMABLES	CODE	DIAGRAM
MB15 Swanneck Complete	110-001	1
MB15 Shroud spring	110-002	2
MB15 Tip Adapter	110-003	3
MB15 0.6mm Contact Tip	110-004	4
MB15 0.8mm Contact Tip	110-005	4
MB15 1.0mm Contact Tip	110-006	4
MB15 1.2mm Contact Tip	110-010	4
MB15 Conical Shroud	110-007	5
MB15 Shroud	110-009	5
MB15 Tapered Shroud	110-008	5

MAIN CONSUMABLES	CODE	DIAGRAM
MB25 Swanneck Complete	110-100	1
MB25 Shroud Spring	110-101	2
MB25 Tip Adapter M8	110-113	3
MB25 Tip Adapter M6	110-102	3
MB25 0.6mm Contact Tip	110-114	4
MB25 0.8mm Contact Tip	110-103	4
MB25 1.0mm Contact Tip	110-105	4
MB25 1.2mm Contact Tip	110-108	4
MB25 Conical Shroud	110-111	5
MB25 Shroud	110-110	5
MB25 Tapered Shroud	110-112	5

ABICOR BINZEL TORCH LINERS

Torch Liners are used to carry the wire up through the MIG Torch from the reel to the contact tip. They can become blocked by wire dust so should be changed regularly for best performance. Teflon liners are recommended when welding with Aluminium wires.



LINERS - MB15	CODE
3mtr PVC Coated Steel Liner Blue	110-603
4mtr PVC Coated Steel Liner Blue	110-604
5mtr PVC Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611

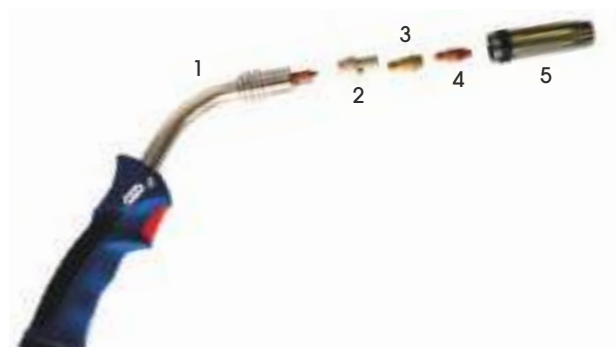


LINERS - MB25	CODE
3mtr PVC Coated Steel Liner	110-606
4mtr PVC Coated Steel Liner	110-607
5mtr PVC Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611

For further information email us at sales@elmbridgeuk.com

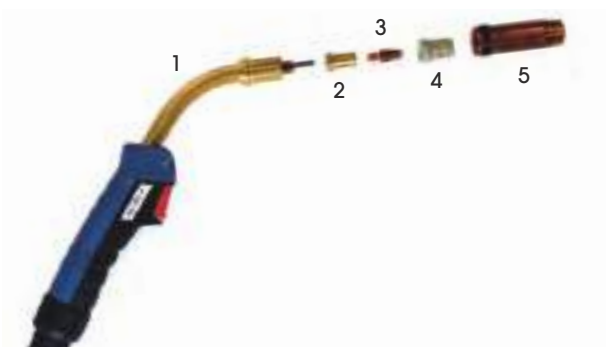
MIG Torches

MB36 AIR COOLED TORCH PACKAGE



DESCRIPTION	CODE
MB36 X 3mtr	100-005
MB36 X 4mtr	100-006
MB36 X 5mtr	100-014

MB 501 WATER-COOLED TORCH PACKAGE



DESCRIPTION	CODE
MB501 X 3mtr	100-016
MB501 X 4mtr	100-007
MB501 X 5mtr	100-017

MAIN CONSUMABLES	CODE	DIAGRAM
MB36 Swanneck Complete	110-200	1
MB36 Gas Diffuser	110-201	2
MB36 Tip Adapter M6	110-202	3
MB36 Tip Adapter M8	110-203	3
MB40 0.8mm Contact Tip	110-303	4
MB40 1.0mm Contact Tip	110-304	4
MB40 1.2mm Contact Tip	110-305	4
MB40 1.6mm Contact Tip	110-307	4
MB36 Conical Shroud	110-204	5
MB36 Shroud	110-206	5
MB36 Tapered Shroud	110-205	5

MAIN CONSUMABLES	CODE	DIAGRAM
MB501 Swanneck Complete	110-400	1
MB501 Tip Adapter M8	110-402	2
MB501 1.0mm Contact Tip	110-403	3
MB501 1.2mm Contact Tip	110-404	3
MB501 1.6mm Contact Tip	110-405	3
MB501 2.4mm Contact Tip	110-407	3
MB501 Gas Diffuser	110-401	4
MB501 Conical Shroud	110-408	5
MB501 Tapered Shroud	110-412	5
MB501 Shroud	110-411	5



LINERS - MB36	CODE
3mtr PVC Coated Steel Liner	110-606
4mtr PVC Coated Steel Liner	110-607
5mtr PVC Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611



LINERS - MB501	CODE
3mtr PVC Coated Steel Liner	110-606
4mtr PVC Coated Steel Liner	110-607
5mtr PVC Coated Steel Liner	110-608
3mtr Teflon Liner	110-609
4mtr Teflon Liner	110-610
5mtr Teflon Liner	110-611

WE ALSO STOCK TORCHES AND SPARES FROM:



Not sure what you need? Call us on 01452 525757

MIG Accessories



MIG PLIERS

	CODE
Economy	117-300
ABICOR Binzel	117-301



GUIDE TUBES

Guide the wire from the feed tubes to the torch, cut to the correct length.

CODE
117-103



GAS FLOW TESTER

Check gas flow at the front of MIG Torches.

CODE
152-896



TIP DIP PASTE

Used in MIG welding to help prevent the build up of welding spatter on contact tips and shrouds. Non Toxic and safe.

DESCRIPTION	CODE
Tip Dip Super6	176-001
Tip Dip Binzel	176-002



LARGE BOTTLE ADAPTERS

DESCRIPTION	CODE
Bull nose type	158-002



SINGLE STAGE REGULATORS

The two gauge reduction of cylinder pressure within these regulators provide the user with extra safety and precision.

ARGON REGULATOR	CODE
Single Stage Two Gauge	150-001



ANTI SPATTER

Used to prolong tip and shroud life and prevent the adhesion of weld spatter to the area surrounding the weld zone. No mixing required, simply spray on surface to be welded and remove spatter with wire brush.



MULTI STAGE REGULATORS

ARGON REGULATOR	CODE
Two Stage Two Gauge	150-002

DESCRIPTION	BASE	CODE
XCalibur 600ml aerosol	vegetable oil	179-137
ABICOR Binzel 400ml	solvent	179-200
ABICOR Binzel 5l container	water based	179-300
ABICOR Binzel 25l container	water based	179-301
Parweld Cleenweld 600ml aerosol	vegetable oil	179-101
Ambersil Bioweld 400ml	water based	179-001
PremKem Antispatter 25l	water based	179-1367
ABICOR Binzel Ceramic Protective Spray 400ml	water based	179-196

Specialist Torches



ABICOR BINZEL MIG/MAG-INERT GAS WELDING TORCH PUSH-PULL

The "Long-Distance Torch"

A ready to weld system which fits virtually all MIG machines with a Euro connection. Unique design means no separate control box or fitting is needed just plug in & weld. Ideal for use in shipyards, container manufacturers and in vehicle construction. Especially good for aluminium welding, or using thinner wires. Can be used with long cable assemblies.

- Constant and trouble-free feeding through an additional pull motor
- Air cooled from 220 to 300 A
- Liquid cooled from 270 to 400 A
- Optimum torch cooling - high endurance
- Time-saving torch neck replacement thanks to ABICOR BINZEL's central plug system
- 8 Metre flexible high temp coaxial cable with spring cable supports at ends.
- Binzel compatible front end consumables.
- Option for shorter or longer cable assembly.



PUSH PULL WELDING TORCH	COOLING	RATING MIXED GASES M21	DUTY CYCLE (%)	WIRE SIZE (MM)	CODE
PP 36 D, motor 42V	Air	270A	60	0.8-1.2	100-087
PP 401 D, motor 42V	Liquid	320A	100	0.8-1.6	100-091

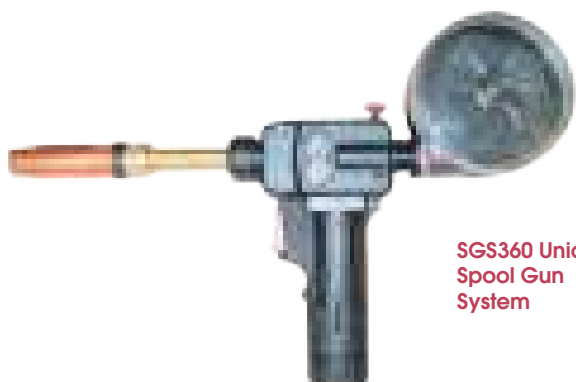
SGS240 AND SGS360 UNIQUE SPOOL GUN SYSTEM

A ready to weld system which fits all machines with a Euro connection in seconds. Unique design means no separate control box or mains supply is needed, just plug in & weld.

- 8 metre flexible high temp coaxial cable with spring cable supports at ends
- Binzel compatible front end consumables & standard 102mm wire spools
- Infinitely variable wire speed control
- Can be moved from machine to machine in seconds

SGS360 also features:

- Wire spool holder turns to the side or down for best access.
- Optional bent neck allows positioning to any angle.
- Option for shorter or longer cable assembly.



SGS360 Unique
Spool Gun
System



SGS240
Spool Gun
System

SPOOL GUN SYSTEM	MAX CURRENT	DUTY CYCLE	CODE
SGS240 8 meter	240A at 40%	200A at 60% (Mixed gases)	106-240
SGS360 15 meter	360A at 40%	270A at 60% (Mixed gases)	106-360

Fume Extraction Torches

FUME EXTRACTION AT SOURCE - FOR OPTIMUM PROTECTION



RAB PLUS FUME EXTRACTION	
Weight	23kg
Max airflow	200 m3/h
Intake diameter	50mm
Max. Negative Pressure	19.000Pa
Voltage	230V (115V)
Motor	1.1kW
Filter surface	0.8m2

ABICOR BINZEL RAB PLUS FUME EXTRACTION FES-200

During welding potentially harmful pollutants are created. The portable compact high vacuum extraction unit FES-200 captures welding fumes at source, thus protecting both the welder and the environment from harmful particles.

The unit includes a well-designed and effective self-cleaning function through the application of the integrated manual-rotating nozzle. The compressed air nozzle provides a uniform air-stream that cleans all filter segments. Cleaning is performed whilst in-situ, and is efficient, safe and quickly completed saving both time and money.

Direct extraction at the arc - ensures permanent protection of the welder's respiratory system.

Solid compact construction, low in weight - ideally suited for mobile applications

Automatic start-stop minimises noise, reduces energy consumption and increases the service life of the motor by up to 5 times

Efficient integrated manual cleaning - increases filter service life

Fully equipped with suction hose and adapter

	COOLING	RATING MIXED GASES M21	DUTY CYCLE (%)	WIRE SIZE (MM)	3M CODE	4M CODE
RAB Plus 15 AK	Air	150A	60	0.6-1.0	100-050	100-051
RAB Plus 24 KD	Air	220A	60	0.8-1.2	100-053	100-054
RAB Plus 25 AK	Air	200A	60	0.8-1.2	100-056	100-057
RAB Plus 36 KD	Air	270A	60	0.8-1.2	100-059	100-060
RAB Plus 240D	Liquid	270A	100	0.8-1.2	100-062	100-063
RAB Plus 501 D	Liquid	450A	100	1.0-1.6	100-068	100-069

Also Available with 5m Torch Length

FEC FUME EXTRACTION CYCLONE

It combines the highest suction output and intelligent, energy-efficient functions with simple handling.



FES-200 FUME EXTRACTION / FES-200 W3 FUME EXTRACTION

Compact design, weighs approx 23kg.

Automatic Start/Stop function included.

Integrated manual filter cleaning system for longer uses.

Filter contamination meter.



ALL RAB TORCHES AVAILABLE WITH 'GRIP' FUME EXTRACTION PACKAGES FOR: FES-200 AND W3 FEC CYCLONE

For further information email us at sales@elmbridgeuk.com

Fume Extraction

ELECTAC PORTABLE WELDING FUME FILTER

The Electac Range of portable fume extractors offer a perfect solution for welding fumes. They offer the following features:

- Built in Spark Arrester
- Replaceable Filter
- Several nozzles available including fantails & MIG gun attachments.
- Built in filter life indicator available in 110 / 240V

DESCRIPTION	CODE
MT800 Single Motor	185-800
MT900 Twin Motor	185-900



ELECTAC EM MOBILE MECHANICAL FILTER UNIT

Uses cleanable in situ PTFE coated pleated circular filters for long filter life & low operating costs.

- The construction is from coated steel to ensure a rugged & reliable machine to withstand heavy usage.
- Fitted with large diameter rubber tread wheels & casters.

**110V & 240V Single or Double Arm Units Available
Comes in Either 2.5m, 3m or 4m Arm Lengths**



ELECTAC P1 FIXED EXTRACTION SYSTEM

360 degree swivel and full vertical movement
Arms can be specified with a working radius from 1.5 metres up to 5 metres with the addition of a stand off bracket that can go up to 7 metres. Exhausts the fumes out to atmosphere. Filter modules are available that enable fumes to be filtered & the cleaned air returned to the work area.



ELECTAC DOWN DRAUGHT FILTER BENCHES

Extracts fume & dust at source & re circulates clean air
Models available for grinding/sanding & welding fumes
Simple to install
Sturdy single phase motor
Available in various sizes, plain topped or with hinged sides & back

**CALL US ON 01452 525757 FOR MORE INFORMATION
ON ELECTAC FUME CONTROL EQUIPMENT**



KEMPER PROFIMASTER PORTABLE FUME EXTRACTOR

Robust quality smoke extraction filter unit suitable for low to medium levels of smoke and dust, for occasional to frequent use. The high capacity disposable filter can easily be changed and the rotating and swiveling exhaust hood enables use in a 360-degree radius. Comes with flexible exhaust arm in a choice of lengths.

DESCRIPTION	CODE
2m Flexible Arm 110V	185-700
3m Flexible Arm 110V	185-701
4m Flexible Arm 110V	185-702
2m Flexible Arm 240V	185-604
3m Flexible Arm 240V	185-605
4m Flexible Arm 240V	185-606



KEMPER WELDING FUME EXHAUST ARM 2 JOINTS

The KEMPER air dust exhaust arm incorporates flexibility with ergonomic and safe workplace design. The exhaust arm can be used to extract welding fumes, gases and vapours as well as light dusts or solvents. With exhaust arms extending up to 10 meters, the extractors are suitable for many different environments.

**PLEASE CONTACT US FOR MORE INFORMATION
ON OUR FULL RANGE OF FUME EXTRACTION EQUIPMENT**

01452 525757

SEE PAGES 52 - 58 FOR AIR FED WELDING HELMETS

Fume Extraction



F-TECH POCKET PORTABLE FUME UNIT

The F-Tech Pocket is a portable extraction unit designed to extract and filter fumes from welding processes, micro dust, vapours and odours.

Nozzle with magnetic support
Fitted with plastic extractor nozzle
Flexible hose diameter 50mm
Perfect for those difficult to reach areas
99.5% filter efficiency
Spark arrestor
Deodoriser carbon filter
Hourmeter

DESCRIPTION	CODE
2m Flexible Arm 110V	185-710
2m Flexible Arm 240V	185-711



F-TECH 300A AIR COOLED FUME EXTRACTION TORCH

Giving the user maximum extraction efficiency at the welding source
The F-Tech range of Fume extraction torches are manufactured in Europe
Available in 3, 4 and 5 metre with euro fitting.

F-Tech 300 Amp Fume Extraction Torch
3 Metre - Air Cooled - Euro Connection
Duty Cycle: 300A @ 60% (CO₂) 200A @60% (Argon)
Extraction Rate 80m³/h
0.8mm - 1.2mm Wires

DESCRIPTION	CODE
3m	185-716
4m	185-717
5m	185-718

Water Cooled Options Also Available



FOX FUME EXTRACTION UNIT

Offering practical, reliable cleaner air solutions

Improving working conditions for welders, environments and businesses

High Vacuum System

The F-Tech Fox is a high vacuum dust extraction system offering a portable solution to extract dust from manual welding and grinding processes.

DESCRIPTION	CODE
110V Package	185-712
230V Package	185-713



F-TECH ARMOTECH ARM

DESCRIPTION	CODE
2m	185-714
3m	185-715



F-TECH ARMOFLEX ARM

DESCRIPTION	CODE
2m	185-719
3m	185-720

TIG Welders



JASIC PRO TIG DC RANGE

TIG 180, TIG 180 Dual Voltage & TIG 200

- IGBT Inverter technology - for the professional user
- DC TIG / MMA
- Hot start, lift arc, HF arc ignition, 2T/4T
- Down slope & post flow
- High frequency inverter, high-efficiency
- Compact size, lightweight and modern design
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly
- Includes TIG torch & adapter, gas regulator, work return lead & clamp
- High quality tactile rubber finish to mouldings and handle
- 5 year warranty

Additional with the Pro TIG 200 Pulse - Dual Voltage

Digital control, HF arc ignition, 2T/4T

RoHS
Compliant



CE

READY
TO WELD!



	PRO TIG 180		PRO TIG 180 DUAL VOLTAGE	
Input Voltage	AC 230V - 50/60 Hz		AC 230V 50/60 Hz	AC 115V 50/60 Hz
Input Power (kVA)	MMA 7.1	TIG 5.2	MMA 7.1	TIG 5.2
Current Range (A)	MMA 10 - 160	TIG 10 - 180	MMA 10 - 160 TIG 10 - 180	MMA 10 - 100 TIG 10 - 120
Duty Cycle @ 40°C	180A @ 35%		180A @ 35%	120A @ 35%
No-Load Voltage (V)	MMA 60	TIG 65	MMA 60	TIG 65
Efficiency (%)	85		85	
Power Factor	0.70		0.70	
Protection/Insulation Class	IP21S/F		IP21S/F	
Dimensions (mm)	365 x 135 x 277		365 x 135 x 277	
Weight (Kg)	5.94		5.94	
CODE:	180-157		180-158	

READY
TO WELD!

	PRO TIG 200		PRO TIG 200 PULSE DUAL VOLTAGE	
Input Voltage	AC 230V - 50/60 Hz		AC 230V 50/60 Hz	AC 115V 50/60 Hz
Input Power (kVA)	MMA 8.2	TIG 6	MMA 8.2	TIG 6
Current Range (A)	MMA 10 - 180	TIG 10 - 200	MMA 10 - 180 TIG 10 - 200	MMA 10 - 100 TIG 10 - 130
Duty Cycle @ 40°C	200A @ 35%		200A @ 35%	130A @ 35%
No-Load Voltage (V)	MMA 60	TIG 65	MMA 60	TIG 65
Efficiency (%)	85		85	
Power Factor	0.70		0.70	
Pulse Frequency (Hz)	-		0.5 - 200	
Protection/Insulation Class	IP21S/F		IP21S/F	
Dimensions (mm)	365 x 135 x 277		365 x 135 x 277	
Weight (Kg)	6.12		6.12	
CODE:	180-159		180-107	



TIG 200



TIG 200 DV

TIG Welders

JASIC PRO TIG AC/DC RANGE

TIG 200P Analogue, TIG 200P Digital & TIG 315P Digital

- TIG Pulse AC/DC with analog control
- Digital display
- Peak current control, 2T/4T
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, clean width
- Remote control interface
- AC function for aluminium and aluminium alloys
- DC TIG function for carbon steel, stainless, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Optional accessory; foot control unit (180-119)
- Includes TIG torch adapter, gas regulator, work return lead & clamp
- 5 year warranty



READY
TO WELD!

TIG 315P Digital

Additional with Pro TIG 200P Digital

- TIG Pulse AC/DC with digital control
- Program memory storage
- Easy to use, intuitive control panel

Additional with the Pro TIG 315P Digital

- TIG Pulse AC/DC with digital control
- Program memory storage
- Easy to use, intuitive control panel
- Water connection for optional torch cooling



TIG 200P Analogue



TIG 200P Digital

	JASIC TIG 200P ANALOGUE		JASIC TIG 200P DIGITAL		JASIC TIG 315P DIGITAL	
Input Voltage (50-60Hz)	(Single Phase) AC 230V		(Single Phase) AC 230V		(3 Phase) AC 400V	
Rated Input Current	20A		40A		19A	
Current Range (A)	MMA DC 10-185 MMA AC 20-185	TIG DC 10-185 TIG AC 30-185	MMA DC 10 - 160 MMA AC 20 - 160	TIG DC 10 - 200 TIG AC 20 - 200	MMA DC 10-250 MMA AC 20-250	TIG DC 10 - 320 TIG AC 30 - 320
Duty Cycle @ 40°C	185A @ 60%		MMA 160A @ 40%	TIG 200A @ 35%	MMA 250A @ 40%	TIG 315A @ 20%
No-Load Voltage	70V		60V		50V	
Power Factor	-		0.93		0.93	
Protection/Insulation Class	IP21S/B		IP21S/B		IP21S/B	
Dimensions (mm)	493 x 330 x 320		570 x 350 x 420		590 x 375 x 380	
Weight (Kg)	25		27		33	
CODE:	180-126		180-109		180-114	



TIG Welders



JASIC TIG 315P AC/DC MULTI-WAVE INVERTER

Highly advanced ac/dc inverter with superior multi wave versatility

Premium TIG 315 Pulse AC/DC welding inverter is a technologically advanced three-phase multi wave power source suitable for medium to high production cycles.

The innovative and user-friendly digital panel allows full control of the welding parameters.

The excellent technical characteristics of the TIG 315 AC/DC make it an ideal choice for professionally skilled TIG welders that require precise control and reliable performance.

- Program memory storage (50 sets of weld data)
- Microprocessor control of a wide range of functions
- Variable AC frequency for precise penetration control
- VRD (Voltage Reduction Device) safety function
- MMA functionality with advanced features
- Advanced multi wave options in AC mode
- Square, Triangular, Sine, Mixed Waveforms
- Pulse TIG AC/DC with Digital Control
- Intelligent fan for cooler operation
- Excellent welding characteristics
- Handle for ease of portability
- Remote control interface



DC Mode: Steel/Stainless Steel up to 6.4mm (1/4")
AC Mode: Aluminium up to 12.7mm (1/2")

	TIG 315P MULTI-WAVE
Power Output:	MMA 10-270A TIG 10-315A
Duty Cycle (@40°C):	MMA 315A @ 30% TIG 270A @ 30%
Input Voltage:	400V 50-60Hz
Dimensions:	566 x 224 x 405mm
Weight:	25.5kg
Air Cooled:	180-152
Water Cooled:	180-153

Optional: Modular Design System with Water Cooling.

Package Includes: AC/DC TIG welding inverter power source, TIG welding torch & adaptor, Gas regulator, Earth return lead, Operating instructions.



Optional: Foot Control Unit (180-155)



For further information email us at sales@elmbridgeuk.com

TIG Welders

JASIC POWER TIG 180SE

Compact and durable inverter with case

The Jasic Power TIG 180 is equipped with powerful IGBT components and a singular PCB for improved efficiency and maintenance.

- IGBT TIG/MMA inverter technology
- High frequency inverter, high-efficiency
- Anti-Stick, Arc-Force, Hot Start 2T/4T
- Down slope and post flow
- Auto voltage fluctuation compensation
- Inverter case, TIG/MMA leads, Regulator
- Generator friendly

	POWER TIG 180SE
Power Output:	MMA 10-160A TIG 10-180A
Duty Cycle (@40°C):	MMA 120A @ 35% TIG 180A @ 35%
Input Voltage:	230V 50-60Hz
Dimensions:	365 x 135 x 277mm
Weight:	6kg
CODE:	180-125



JASIC TIG 300P PULSE DC

Premium quality - reliability and performance

The Jasic TIG 300 DC Pulse inverter is equipped with industrial grade components and microprocessor control for high accuracy and performance..

- Program memory storage
- Microprocessor control
- HF and Lift TIG
- Remote control interface
- VRD function
- Intelligent fan and cooler control
- Generator friendly
- Suitable for environments with risk of shock
- Available in air or water cooled

	TIG 300P PULSE DC
Power Output:	MMA 20-210A TIG 5-300A
Duty Cycle (@40°C):	300A @ 20%
Input Voltage:	400V 50-60Hz
Dimensions:	566 x 224 x 405mm
Weight:	19kg
Air Cooled:	180-162
Water Cooled:	180-154



JASIC TIG 400 PULSE

Advanced modular design with auto memory

The Jasic TIG 400 Pulse inverter is equipped with industrial grade IGBT components and an MCU chip for high accuracy and performance.

- Industrial Grade IGBT Inverter Technology
- MCU chip for accuracy and consistency
- HF or Lift arc ignition, 2T/4T, spot-time
- Up/down slope, pre/post flow, crater/initial/weld current
- Gas test function in DC TIG mode
- Modular design with trolley and water cooler included
- Automatic 8 channel storage of welding parameters
- Generator friendly
- Available in air or water cooled

	TIG 400 PULSE
Power Output:	MMA 30-400A TIG 4-400A
Duty Cycle (@40°C):	400A @ 50%
Input Voltage:	400V 50-60Hz
Dimensions:	760 x 360 x 585mm
Weight:	32kg
Air Cooled:	180-164
Water Cooled:	180-165



JASIC TIG 500 PULSE

Water cooled three-phase inverter

The excellent technical characteristics of the 500 AC/DC make it an ideal choice for professionally qualified TIG welders that require precise and reliable performance. Suitable for medium to large production work

- Program memory storage
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency / duty, arc force, clean width
- Remote control interface
- AC function for aluminium
- DC TIG function for carbon steel, stainless copper and non-ferrous metals

	TIG 500 PULSE
Power Output:	TIG 500A MMA 400A
Duty Cycle (@40°C):	500A @ 60%
Input Voltage:	400V 50-60Hz
Dimensions:	650 x 330 x 783mm
Weight:	63kg
CODE:	180-166

Not sure what you need? Call us on 01452 525757

TIG Welders

LORCH HANDY TIG SERIES

Professional TIG as simple as never before. Absolutely simple and perfect.

Simply easier to achieve professional TIG results, especially for use on construction sites. Professional TIG Welding quality in DC or AC modes does not have to be complicated. The portable TIG-Inverters of the Handy TIG series show how easy it is; simply switch on & weld!

Extremely robust, guaranteed fall protection from up to 80 cm height (DC) and 60 cm (AC/DC)
 With non-contacting HF ignition (can be changed over to ContactTIG)
 Connection for hand or foot remote control
 Electrode welding with Hotstart, Anti-Stick and Arc-Force regulation
 Inside Coating: optimum dust protection for a long service life
 Suitable for stainless steel or aluminium
 Full power even in the case of voltage fluctuations and when using long cables
 Generator-compatible
 "3 steps to weld" operating concept
 Manufactured and tested according to DIN EN 60974-1, with CE mark, S-symbol and IP 23

**3 YEAR
INDUSTRIAL
WARRANTY**



Basic Plus

User-oriented operator guidance using illuminated symbols
 Infinitely adjustable welding current setting
 Remote control connection



Control Pro

Operator guidance using illuminated symbols
 Infinitely adjustable welding current setting
 Remote control connection
 Exact-ampere digital display
 Simple setting of the base parameters
 Job memory (2 x TIG/2 x electrode)
 Torch remote control
 Pulse function: Pulse up to 500 Hz

LORCH HANDY TIG SERIES	HANDYTIG 180 DC	HANDYTIG 180 AC/DC	HANDYTIG 200 AC/DC
Power Output:	5-180A	5-180A	5-200A
Duty Cycle:	30% @180A	35% @180A	45% @200A
Input Voltage:	16A 230V	16A 230V	16A 230V
Dimensions (mm):	337x130x211	480 x 185 x 326	480 x 185 x 326
Weight:	6.5kg	13.3kg	13.4kg
TIG with non-contact HF ignition:	■	■	■
TIG AC functions (for aluminium):		■	■
ITC (Intelligent Torch Control):		■	■
Operating Concept:	Basic Plus / Control Pro	Control Pro	Control Pro
Basic Plus:	180-213	-	-
Basic Plus Package:	180-223	-	-
Control Pro:	180-233	180-253	180-273
Control Pro Package:	180-243	180-263	180-283



**ASK US FOR INFORMATION ON
THE TIG POWERMASTER TORCH**



Assembly pack



Assembly pack DC



Assembly pack AC

For further information email us at sales@elmbridgeuk.com

TIG Welders

LORCH T SERIES

Exactly how a mobile welding machine for TIG professionals should be.

What was only possible with the enormous welding machines of yesterday is handled today in the smallest of space with the T Series Technology. Good ergonomics and easy to carry from just 12kg. Filled with high end technology.

- Complete professional TIG functionality
- SmartBase expert database regulates the parameters for optimum arc conditions
- Option of water-cooling unit WUK 6 (can be directly adapted to the T housing)
- Pulse and fast pulse up to 2 kHz
- Interval spot function for tack welding of thin sheet metal
- Tiptronic job memory for up to 100 welding tasks
- Guaranteed protection against falls of up to 60 cm in height
- Generator-compatible
- Full power even in the case of voltage fluctuations and when using long cables
- ITC-Inside makes it possible to use standard torches as well as Lorch's fully digital TIG torch technology including Powermaster remote control
- "3 steps to weld" operating concept
- With non-contacting HF ignition (can be changed over to ContactTIG)
- Manufactured and tested according to DIN EN 60974-1, with CE mark, S-symbol and IP 23

Additional in the AC/DC

Changeover DC to AC

Positive polarity ignition and automatic cap shape

Lorch MACS special process, increasing the weld quality for thin aluminium



T220



T250



T300 WC

LORCH T SERIES	T 180 DC OR AC/DC	T 220 DC OR AC/DC	T 250 DC OR AC/DC	T300 DC OR AC/DC
Power Output:	3-180A	3-220A	3-250A	3-300A
Duty Cycle:	35% @180A	40% @220A	35% @250A	35% / 30% @300A
Input Voltage:	16A 230V	16A 230V	16A 400V	16A 400V
Dimensions:	480 x 185 x 326mm	480 x 185 x 326mm	480 x 185 x 326mm	480 x 185 x 326mm
Weight:	12.1kg	13.3kg	16kg	16kg
Basic Plus DC:	182-352	182-300	182-301	182-302
Control Pro DC:	182-354	182-310	182-311	182-312
Basic Plus AC/DC:	182-355	182-320	182-321	182-322
Control Pro AC/DC:	182-356	182-330	182-331	182-332



Basic Plus

Operator guidance using illuminated symbols
Exact-ampere digital display for welding current
Simple parameter adjustment
Remote control connection



Control Pro

Operator guidance using illuminated symbols
Exact-ampere digital display for welding current and voltage
Simple parameter adjustment
Remote control connection
Tiptronic job memory for up to 100 welding tasks

Not sure what you need? Call us on 01452 525757

TIG Welders

LORCH V SERIES

Dreams can be realised, at least for TIG Welders. Available in DC or AC/DC.

The V Series is the professional industrial TIG system. The state-of-the-art, digital TIG inverter welding system welds steel, stainless steel, copper and aluminium in AC/DC version with no compromises and outstanding TIG weld characteristics. All this with the simplest user friendly operation. Also completely automated if required.

- Available in DC or AC/DC
- SmartBase expert database regulates the parameters for the optimum arc
- Tiptronic job memory for up to 100 welding tasks
- Pulse and fast pulse function bring additional benefits for the welding of thin plates; fast pulse up to 2 kHz
- In robust, completely transportable industrial housing
- Manufactured and tested according to DIN EN 60974-1, with CE mark, S-symbol and IP 23
- High efficiency and low energy consumption due to the most modern industrial electronics and the fan on demand technology
- Gas or water cooled
- Connection for hand and foot remote control
- Secondary current, prevents failure during over-heating of the workpiece
- Automatic final current reduction (downslope) for a perfect weld end
- "3 steps to weld" operating concept
- Plain text display with language selection
- Can be completely automated (LorchNet connection or robot interface)

Additional in the AC/DC

Changeover DC to AC

More cleaning using square wave current (AC variant) for welding aluminium

"dB down" function (40 % less noise exposure)

Positive polarity ignition and automatic cap shape



V30



V40

**3 YEAR
INDUSTRIAL
WARRANTY**

1 - 2 - 3 - weld.

1. Operating mode: select AC or DC
2. Specify electrode diameter
3. Adjust Welding Current



LORCH V SERIES	V 24 DC / AC/DC	V 27 DC / AC/DC	V 30 DC / AC/DC	V 40 DC / AC/DC	V 50 DC / AC/DC
Power Output:	3 - 240A	3 - 300A	3 - 300A	3 - 400A	3 - 500A
Duty Cycle:	60% DC / 50% AC/DC @240A	60% @300A	60% @300A	60% @400A	60% @500A
Input Voltage:	CEE 16A 3 ~ 400V	CEE 16A 3 ~ 400V	CEE 32A 3 ~ 400V	CEE 32A 3 ~ 400V	CEE 32A 3 ~ 400V
Dimensions:	1130 x 450 x 815mm	1130 x 450 x 815mm	1130 x 450 x 815mm	1130 x 450 x 860mm	1130 x 450 x 860mm
Weight:	85kg DC / 91kg AC/DC	85kg DC / 92kg AC/DC	86kg DC / 94kg AC/DC	108kg DC / 122kg AC/DC	109kg DC / 123kg AC/DC
Equipment:	Mobile 4-Roll Trolley	Mobile 4-Roll Trolley	Mobile 4-Roll Trolley	Mobile 4-Roll Trolley	Mobile 4-Roll Trolley
DC Gas Cooled:	182-361	182-365	182-369	182-373	182-377
DC Water Cooled:	182-362	182-366	182-370	182-374	182-378
AC/DC Gas Cooled:	182-363	182-367	182-371	182-375	182-379
AC/DC Water Cooled:	182-364	182-368	182-372	182-376	182-380

LORCH V SERIES	V 24 MOBILE DC / AC/DC	V 30 MOBILE DC / AC/DC
Power Output:	3 - 240A	3 - 300A
Duty Cycle:	60% DC / 50% AC/DC @240A	60% DC / 50% AC/DC @300A
Input Voltage:	CEE 16A 3 ~ 400V	CEE 16A 3 ~ 400V
Dimensions:	770 x 283 x 518mm	770 x 283 x 518mm
Weight:	29kg DC / 35kg AC/DC	31kg DC / 38kg AC/DC
Equipment:	Portable 2-Roll Trolley	Portable 2-Roll Trolley
DC:	182-381	182-383
AC/DC:	182-382	182-384



V Mobile

For further information email us at sales@elmbridgeuk.com

LINCOLN ASPECT 200 SINGLE PHASE AC/DC TIG WELDER

The Aspect® 200 AC/DC TIG welder has advanced TIG AC & DC Functions (Four wave shapes, Pulse, adjustable Balance and Offset) making it ideal for critical AC or DC TIG welding applications. It offers a simple control panel with bright digital display and an innovative control system, from the torch. It can be simply changed to a water cooled unit by adding the COOL ARC® 24 Water Cooler.

- Excellent HF ignition, stable & fast arc, minimum current 2A
- Potted PCB's, True HD design (special protection for use in harsh conditions)
- Generator - ideal for site use
- Cellulosic capability
- 1 phase buck-boost circuit for energy saving
- Best aluminium welding performance

ASPECT 200 AC/DC	
Input Power:	115/ 230V/1Ph
Rated Output Current / Voltage / Duty Cycle:	200A@35% 130A@100%
Fuse size:	16A
Output Range:	2-200A
Dimensions:	419 x 246 x 506mm
Net Weight:	23kg
CODE:	182-385



LINCOLN ASPECT 300 THREE PHASE AC/DC TIG WELDER

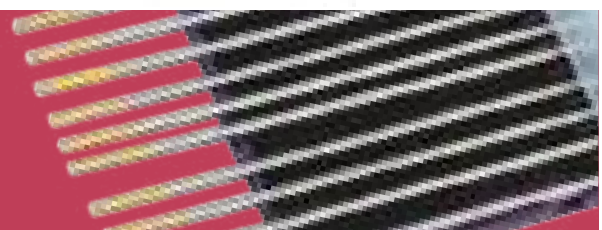
This industrial AC/DC TIG welder has been designed and built to perform in the most hazardous environments at high outputs: 300A at 35% duty cycle both in TIG AC and TIG DC application. The controller provides all the features you would expect from industrial AC/DC TIG inverter welders. It can be simply changed to watercooled by adding the COOL ARC® 46 Water Cooler. A robust, stable and well equipped cart is available for easy movement of the unit.

- Advanced inverter technology for superior TIG performance
- Superb welding characteristics with TIG DC, TIG AC and Stick welding processes
- Adjustable cleaning and penetration for perfect aluminium welding
- Variable AC frequency (40-400Hz) for control of travel speed and penetration
- Cellulosic capability

ASPECT 300 AC/DC	
Input Power:	230/400V/3Ph
Rated Output Current / Voltage / Duty Cycle:	300A/22V/35% 200A/18V/100%
Fuse size:	32/20A
Output Range:	2-300A
Dimensions:	455 x 301 x 632mm
Net Weight:	43kg
CODE:	182-386



SEE PAGE 43
FOR OUR RANGE OF
STOCKED TUNGSTENS



TIG Torches & Accessories



WP9 TIG TORCH

Small air-cooled Torch - 125 Amps
Flex Neck torches and torch bodies available).

WP9 TIG TORCH	CODE
Package 12ft Switched & sheathed	120-009
Package 25ft Switched & sheathed	120-010
Torch Body	130-602
Torch Body - Flexi	130-611



SMALL CERAMICS - 30MM

SIZE	CODE
6mm	130-106
8mm	130-107
10mm	130-108
11mm	130-109
12mm	130-110
16mm	130-111



SMALL LONG CERAMICS - 48MM

SIZE	CODE
5mm	130-160
6mm	130-161
8mm	130-162
10mm	130-163



SMALL GAS LENSES - 22MM

SIZE	CODE
1.0mm	130-307
1.6mm	130-308
2.4mm	130-309
3.2mm	130-183

SMALL COLLETS - 25MM

SIZE	STANDARD	STUBBY	HEAVY DUTY
1.0mm	130-000	130-075	130-010
1.6mm	130-201	130-076	130-011
2.4mm	130-202	130-077	130-012
3.2mm	130-204	130-078	130-013



HEAT SHIELD

PRODUCT	CODE
TIG TORCH HEAT SHIELD	130-598



WP20 TIG TORCH

Small water-cooled Torch - 250 Amps
Flex Neck torches and torch bodies available.

WP20 TIG TORCH	CODE
12ft Package Switched and sheathed	120-005
25ft Package Switched and sheathed	120-006
Torch Body	130-612
Torch Body - Flexi	130-613



SMALL BACK CAPS THREAD OD 7.8MM

DESCRIPTION	CODE
Short Back Cap	130-301
Medium Back Cap	130-302
Long Back Cap	130-300



SMALL GAS LENS CERAMICS - 25MM

SIZE	CODE
6mm	130-400
8mm	130-401
10mm	130-402
11mm	130-403
13mm	130-084

SMALL COLLET BODIES- 21MM

SIZE	STANDARD	STUBBY	HEAVY DUTY
1.0mm	130-205	130-025	130-030
1.6mm	130-206	130-026	130-031
2.4mm	130-207	130-027	130-032
3.2mm	130-208	130-028	130-033



TIG Torches & Accessories



WP17 & WP26 TIG TORCH

Large air cooled TIG torch - 150 amps
Flex Neck torches and torch bodies available.

WP17 TIG TORCH	CODE
WP17 Torch Package 12ft Switched & sheathed	120-001
WP17 Torch Package 25ft Switched & sheathed	120-002
WP17 Torch Body	130-614
WP17 Torch Body - Flexi	130-615
WP26 12ft Package Switched and sheathed	120-007
WP26 25ft Package Switched and sheathed	120-008
WP26 Torch Body	130-618
WP26 Torch Body - Flexi	130-619



LARGE GAS LENS CERAMICS - 41MM

SIZE	CODE
6mm	130-120
8mm	130-406
10mm	130-405
11mm	130-123
13mm	130-404
17mm	130-407



LARGE COLLET BODIES - 47MM

SIZE	STANDARD
1.0mm	130-060
1.6mm	130-008
2.4mm	130-009
3.2mm	130-007
4.0mm	130-209

LARGE COLLETS - 50MM



SIZE	STANDARD	STUBBY	HEAVY DUTY
1.0mm	130-040	130-045	130-050
1.6mm	130-001	130-002	130-051
2.4mm	130-003	130-004	130-052
3.2mm	130-005	130-006	130-053
4.0mm	130-044	130-049	130-074



18CG HEAT SHIELD

PRODUCT	CODE
TIG TORCH HEAT SHIELD	130-180



WP18 TIG TORCH

Large water-cooled TIG torch - 350 amps
Flex Neck torches and torch bodies available.

WP18 TIG TORCH	CODE
12ft Torch Package Switched and sheathed	120-003
25ft Torch Package Switched and sheathed	120-004
Torch Body	130-616
Torch Body - Flexi	130-617



LARGE BACK CAPS THREAD OD 9.3MM

DESCRIPTION	CODE
Long Back Cap	130-500
Short Back Cap	130-501



LARGE LONG CERAMICS - 76MM

SIZE	CODE
10mm	130-211
11mm	130-210
8mm	130-212
6mm	130-213



LARGE CERAMICS - 47MM

SIZE	CODE
6mm	130-105
8mm	130-104
10mm	130-103
11mm	130-102
13mm	130-101
16mm	130-100



LARGE GAS LENSES - 50MM

SIZE	CODE
1.0mm	130-303
1.6mm	130-304
2.4mm	130-305
3.2mm	130-306
4.0mm	130-224

TIG Accessories



ESAB G-TECH HANDY II

The G-Tech Handy II is a portable, easy to operate, enclosed Tungsten Electrode grinder which facilitates grinding without using a holder or tool. Save time and money with the adjustable grinding head, allowing each part and side of the grinding disc to be used.

- Ergonomic Design & Lightweight
- Adjustable Grinding Angles (20° - 60°)
- Double Sided Grinding Disc - Coated with Diamante Powder
- Allows Exact Repetition of Longitudinal Grinding
- Can be Connected to a Vacuum Cleaner
- Delivered complete for grinding 1,6 - 2,0 - 2,4 - 3,2 mm tungsten electrodes
- Optional head for grinding of 1,0 - 4,0 - 4,8 - 6,0 mm electrodes



CODE

134-000



TURNTABLES

The TT600, TT1000 and TT3000 are the ideal solution for producing a circular weld, fast and accurately, or for accurately and rapidly positioning the work piece for welding, etc.

- Supplied with a foot switch to stop and start the rotation.
- Front panel controls to select clockwise or anticlockwise rotation and speed settings, high-low speed range switch for more accurate setting.
- Can be positioned to any angle between horizontal & 90 degrees. Hand wheel which drives a worm gear is fitted at the rear to adjust this angle. Lock off device is fitted to prevent the table being accidentally moved or knocked off angle.
- The table is machined with 6 slots 90x12mm for mounting jigs or the chuck.
- Table is scored every 30mm with a circle to assist in accurate setup
- TT1000 Precision & TT3000 are fitted with a double reduction gearbox to enable work at slower speeds & higher torque.
- All models are protected from HF interference.



Options

- Remote socket for stop/start to interface with a robot or welding machine.
- Control to give automatic start and stop of rotation with welding current.
- Foot Pedal to give stop start of the rotation with variable speed control on the pedal and start of the power source as well if required.
- Timer Control (for pool delay or spot welds, etc) output to drive the power source, so only one control signal is needed to start the whole process.

TECHNICAL SPECIFICATION	TT600	TT1000	TT1000 PRECISION	TT3000
Input Voltage	110V/230V	110V/230V	110V/230V	110V/230V
Max Welding Current	350A @ 60%	450A @ 60%	450A @ 60%	450A @ 60%
Max Load - Turntable in horizontal position	60kg	100kg	100kg	300kg
Max Load - Turntable in vertical position	25kg	50kg	50kg	150kg
Rotation Speed	0.5-12rpm	0.5-15rpm	0.1-5rpm	0.1-2.5rpm
Table Diameter	345mm	345mm	345mm	450mm
Dimensions (H x W x L)	380 x 430 x 440mm	420 x 430 x 440mm	420 x 430 x 440mm	600 x 550 x 600mm
CODE:	185-006	185-010	185-019	185-020

For further information email us at sales@elmbridgeuk.com

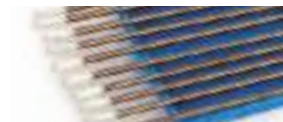
TIG Accessories

TUNGSTENS



THORIATED TUNGSTENS

2% Thoriated (Red Tip) Tungsten used to strike and maintain a TIG welding arc. Thoriated (DC Negative) for Mild and Stainless Steel.



ZIRCONIATED TUNGSTENS

Zirconiated (White Tip) Tungsten used in (AC Positive) for Aluminium. Sizes.



CERIATED TUNGSTENS

Ceriated (Grey Tip) Tungsten used for TIG welding all common metals including Mild Steel, Stainless Steel and Aluminium.



MULTI STRIKE TUNGSTENS

Multi Strike (Blue Tip) Tungsten recommended for improved TIG Arc quality on all steels, stainless steels and aluminium.



LANTHANATED (GOLD) TUNGSTENS

1.5% Lanthanated (Gold Tip) Tungsten for Ferrous and Non Ferrous Metals - with Superior Re-Ignition.

**BEST
SELLER**

SIZE	CODE
1.0mm	133-000
1.6mm	133-001
2.4mm	133-002
3.2mm	133-003
4.0mm	133-005
1.6mm	133-100
2.4mm	133-101
3.2mm	133-102
4.0mm	133-103
1.6mm	133-200
2.4mm	133-201
3.2mm	133-202
1.6mm	133-300
2.4mm	133-301
3.2mm	133-302
1.6mm	133-400
2.4mm	133-401
3.2mm	133-402



FLOW METER

Designed to be fitted to the outlet of an Argon or CO² Regulator to provide greater control of the flow of your shielding gas through the gas line.

SIZE	CODE
0 - 14	152-100
0 - 30	152-101
0 - 40	152-102



CLEAR BRAIDED HOSE

Reinforced flexible hose for Argon and other inert gases for Welding Machines. Also popular for purging applications. Can be cut to any required length.

SIZE	CODE
6mm	568-101
8mm	568-121
10mm	568-141
13mm	568-161

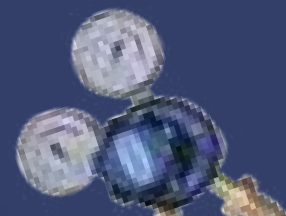


TWO WAY ADAPTER - RH/LH

These twin outlet valves let you connect two sets of hoses and torch equipment to a single gas inlet, in order to use a single set of bottles, regulators and flash back arrestors. With independent adjustment knobs, you can control the flow of gas from each outlet individually.

	CODE
Right Hand	153-030
Left Hand	153-031

REGULATORS, ARRESTORS AND HOSES
SEE PAGES 80 - 81



TIG WIRES & ELECTRODES
SEE PAGES 73 - 75

Spot Welders

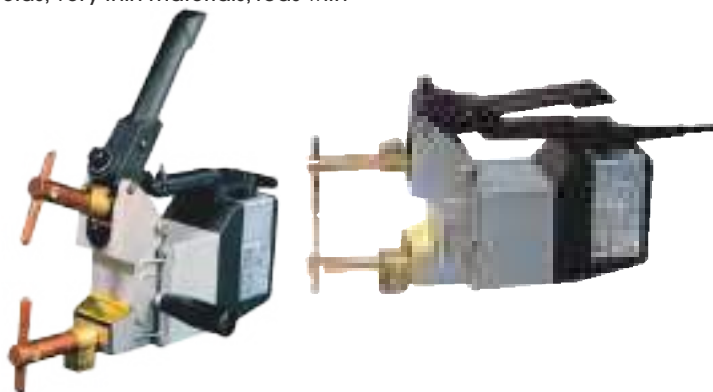
TECNA SPOT WELDING GUN

Tecna 2.5kVA spot welding guns are high performance, semi-automatic, hand-held spot welders with a heavy duty transformer, ideal for car body repairs. Supplied complete with 125mm arms, with an extensive range of optional arms and electrodes also available.

Tecna 2.5kVA Pulse Spot Welding Gun

- Pulse for use on high tensile steels.
- Synchronous built-in electronic timer with SCR from 2 to 65 cycles.
- Compensation circuit starts the timer only when there is a proper passage of current.
- Can perform on oxidised sheets and on surfaces with paint residues or on black sheets.
- Current control with phase shift adjustment for difficult welds, very thin materials, rods with reduced diameter and stainless steel sheet.

	2.5 KVA
Input Voltage	230V 50Hz
Power @ 50%	2 kVA
Maximum Welding Power	16 kVA
Welding Capacity	2.5mm + 2.5mm
Electrode Force Short Arms (daN)	120mm
Weight	11kg
CODE:	190-001



TECNA PEDESTAL SPOT WELDERS MICRO PROCESSOR CONTROL

Tecna spot welders are designed to meet every need of spot welding and facilitate ease of operation with the frontally positioned control unit and pneumatic commands and the compressed air pressure gauge placed at the top

- Arms adjustable in length allowing a better working flexibility.
- Chrome-copper electrode holders for long life and heavy duty service, designed for straight and angled fitting.
- Adjustable electrode stroke.
- Water-cooled transformer, arms and electrodes.
- Microprocessor control unit Tecna TE90.

Foot Operated Welders

Adjustable electrode force; a micro-switch starts the welding cycle when the desired pre-set value is reached. The foot pedal is adjustable in length.

Air Operated Welders (Available on request)

The air operated lubrication free cylinder eliminates oil mist. Electrode force adjustment with air filter reducer with gauge. Semi-automatic drainage system. Electrode speed control valves, shock absorber for cylinder's end of stroke and air discharge silencers. Two-stage electric foot pedal also allows welding of separate pieces only when correctly positioned.



	16 KVA FOOT OPERATED	20 KVA FOOT OPERATED	20 KVA FOOT OPERATED	25 KVA FOOT OPERATED	25 KVA FOOT OPERATED
Input Voltage	415V 50Hz	415V 50Hz	400V 50Hz	415V 50Hz	400V 50Hz
Maximum Short Circuit Power	11,500A	13,500A		19,600A	
Arm Gap	225mm	220mm		225mm	
Min Throat Depth	230mm	230mm	380mm	230mm	380mm
Max Throat Depth	550mm	550mm	700mm	550mm	700mm
Force On Electrodes @ Max Length	95 dAN	95dAN	95dAN	95dAN	
Electrode Stroke @ Max	15 - 90mm	15 - 90mm	15 - 105mm	15 - 85mm	15 - 105mm
Welding Timer	TE90 Control	TE90 Control	TE90 Control	TE90 Control	TE90 Control
Water Consumption	150l/h	180l/h		220l/h	
Min Water Pressure Bar	2.5	2.5		2.5	
Arms Diameter	36mm	40mm	40mm	40mm	40mm
Electrode Holders Diameter	19mm	22mm	22mm	22mm	22mm
Weight	116kg	117kg	146kg	130kg	148kg
PRODUCT CODE:	190-460	190-461	190-462	190-463	190-464



Plasma Cut 45 Inverter

PRO PLASMA CUT 45 INVERTER

Input Power	AC 230V - 50/60 Hz, 5.1kVA
Current Range (A)	20 - 45
Duty Cycle @ 35% (A)	45
Cutting Capacity Clean Cut / Severance Cut	15mm / 20mm
Power Factor	0.99
Protection/Insulation Class	IP21S/F
Dimensions (mm)	439 x 165 x 328
Weight (kg)	9.2
CODE:	180-118

JASIC PLASMA CUT 45 INVERTER

Equipped with PWM technology and high powered IGBT components, this is the perfect solution for cutting low carbon steel, stainless steel and aluminium. Includes Plasma torch, work return lead & clamp and Jasic 5 year warranty.

- IGBT Plasma Inverter
- Lightweight, portable modern design
- Variable cutting control
- LED control display
- Smooth precise cutting
- PFC - Energy Saving
- Jasic 5 year warranty.

JASIC PLASMA CUT SERIES

A range of professional high-end cutting power sources equipped with the latest IGBT technology. These technologically advanced plasma inverters are extremely user-friendly and provide smooth, precise and reliable cutting performance. Includes Plasma cutting torch, work return lead & clamp.

- IGBT Plasma Inverter
- Lightweight, portable modern design
- Variable cutting control
- LED display
- Non HF ignition (Plasma Cut 60 & 80 only)
- Simple operation
- Smooth precise cutting
- Jasic 5 year warranty.

Additional Features on Plasma Cut 100/160:

- HF ignition (Plasma Cut 100 & 160 only)
- Wheel mounted, easy to manoeuvre with modern design (160 Only)
- In-built pressure regulator (Plasma Cut 160 only)
- Suitable for automated cutting (Plasma Cut 100 & 160)



PRO	PLASMA CUT 60	PLASMA CUT 80	PLASMA CUT 100	PLASMA CUT 160
Input Power	3ph, AC 415V - 50/60 Hz, 7.0kVA	3ph, AC 415V - 50/60 Hz, 12kVA	3ph, AC 415V - 50/60 Hz, 14.3kVA	3ph, AC 415V - 50/60 Hz, 29.2kVA
Current Range (A)	20 - 60	20 - 80	20 - 100	30 - 160
Duty Cycle @ 40°C	60A @ 40%	80A @ 40%	100A @ 60%	160A @ 60%
Cutting Capacity Clean Cut / Severance Cut	20mm / 25mm	25mm / 30mm	30mm / 35mm	45mm / 50mm
Power Factor	0.7	0.7	0.93	0.99
Protection/Insulation Class	IP21S/F	IP21S/F	IP21/F	IP21S/F
Dimensions (mm)	540 x 250 x 380	540 x 250 x 380	555 x 238 x 415	676 x 333 x 712
Weight (kg)	14.5	15	23	55
CODE:	180-142	180-144	180-147	180-145

Plasma Cutters

OXFORD CUTMAKER PLASMA RANGE

Versatile machines which offer the very best cutting performance and incorporate thermal heating and thermal gouging functions. Unlike most plasma products, these machines are not inverter based; the unique transformer + rectifier + PWM, design gives unbeatable performance & guarantees a rugged machine which will last for years in even the harshest conditions.

- Superior cut quality means straight clean cuts ready to weld without dressing & with minimal heat affected zone.
- Cuts steel, stainless steel, Hardox, boron steel, aluminium & alloys, copper, brass, painted metals, rusty metals, mesh etc.
- Thermal heating function applies heat only, ideal for replacing gas bottles to remove rusted nuts, bearings etc.
- Thermal gouging function for removing metal without cutting through, remove welds, brackets, fastenings etc.
- Cut from tin foil right up to 31mm metal on single phase model & 36mm on three phase (severance cut).
- Infinitely variable power so you can always set output to the optimum for the material.
- 6M (20 foot) cutting/gouging/heating torch supplied as standard, takes low cost consumables.
- Generator friendly design guarantees no damage even if the generator is unstable!
- Built to comply with BS EN60974-1, BS EN60974-10, RoHS directive, WEEE directive & CE marked.



	CUTMAKER 550	550 DUAL VOLTAGE	CUTMAKER 700
Input power	230V 1~, 32A	230V/400V 32/20A DV	400/415V 3 ~ 16A
Duty cycle	40% @ full power	40% @ full power	40% @ full power
Recommend generator power	8KVA	8KVA	11KVA
Max severance cut capacity	31mm steel	31mm steel	36mm steel
Air pressure & flow rate	65-70 psi 3.5CFM	65-70 psi 3.5CFM	70 psi 3.5CFM
Dimensions	350 x 550 x 570	350 x 550 x 570	350 x 550 x 570
Weight	50kg	53kg	59kg
CODE:	181-700	181-701	181-702

ESAB CUTMASTER SERIES

The ESAB Cutmaster Series of micro process controlled plasma cutters offer extreme operator confidence and error free use from setup to clean up. Combining the best features into a compact, efficient, portable inverter design with a full range of packaged accessories and you have the ultimate, fully featured professional range for construction, mining, shipbuilding, rental hire and other industrial applications. Includes the flexible, patented 1Torch and 3 year warranty.

- Roll bar provides easy transportation, protects the power supply for unmatched durability.
- Trigger latch feature prevents hand fatigue during long cuts. Auto Pilot Restart
- Lightweight design improves portability (Reduced nearly 50%).
- Color Coded LED's indicate pressure status and setup errors.
- All user controls are conveniently located on the front panel.
- Feature instantly reignites the pilot arc while cutting expanded metals.
- Convenient storage compartment for spare and consumable parts.



	CUTMASTER 40	CUTMASTER 60	CUTMASTER 60I	CUTMASTER 80	CUTMASTER 100	CUTMASTER 120
Power output	40A (230V) 27A (110V)	40A	60A	80A	100A	120A
Duty cycle	40%@40A(230V) 30%@27A(110V)	60%@40A	40%@60A	40%@80A	80%@100A	40%@120A
Input power (50/60Hz)	14A (230V) 15A (110V) 1Ph	400V/8A 3Ph	400V/16A 3Ph	400V/20A 3P	400V/27A 3Ph	400V/32A 3Ph
Max cutting capacity (mm)	15(230V) 10(110V)	15	25	30	40	50
Dimensions (mm)	228x117x470	38x305x610	381x305x610	381x305x610	381x305x762	381x305x762
Weight	11.8kg	19.5kg	19.5kg	19.5kg	28.1kg	28.1kg
Torch model	SL40 Hand	SL60 Hand	SL60 Hand	SL60 Hand	SL100 Hand	SL100 Hand
Lead length (manual)	4.5	6.1 / 15.2	6.1 / 15.2	6.1 / 15.2	6.1 / 15.2	6.1 / 15.2
CODE:	183-011	183-012	183-013	183-014	183-015	183-016

For further information email us at sales@elmbridgeuk.com

LINCOLN INVERTEC® PC208 & PC210

The most flexible plasma cutting machines you could envisage. The units arrive ready to go, able to cut fast and precisely powered from a standard 230v input supply, these machines are ideal for work on site. Cutting need no longer be a problem, forget the grinder, simply take the torch and cut in seconds. These inverter based machines are equipped with an integrated air compressor which provides maximum flexibility without the need for a separate compressed air supply. Weighing only 18.5kg combined with their small size, these versatile machines can be used anywhere, anytime.

- Includes input cable (2m), hand cutting torch (3m) & work clamp and cable assembly.
- Flexible - only 230V input required.
- Robust - long life compressor.
- Portable - only 18.5kg, small and compact
- Concentrated plasma stream less heat input, less distortion.
- Meet IEC974-1, ROHS and CE standards for safety and reliability.

	INVERTEC® PC208	INVERTEC® PC210
Power Input	230/1/50-60	230/1/50/60
Rated Output	20A/88V/60% 15A/86V/100%	20A/88V@60% 15A/86V@100%
Input Current	16A	16A
Output Range	10-25A	10-25A
Dimensions	385 x 215 x 480mm	385 x 215 x 480mm
Weight	18.5kg	18.5kg
CODE:	183-200	183-210



PC208

PC210

LINCOLN TOMAHAWK™ 1025 & 1538

The Lincoln Tomahawk concept for Plasma cutting focuses on three elements:

S - An innovative and patented striking system preserves the electrode tip and extends its lifetime.

P - Circular enhancements with improved radial airflow and innovative electrode/nozzle design concentrate the plasma stream.

L - The internally cooled electrode and torch head and electrode/nozzle design considerably increase their lifetime.

- Innovative advanced arc starting without HF.
- Lifetime: Innovative advanced design increases lifetime of consumables.
- Faster: Higher travel speeds and plate thickness.
- Flexible: Multiple torch configurations
- Concentrated Plasma stream: Less heat input, less distortion.
- Meets IEC974-1, ROHS and CE standards for safety and reliability.

	TOMAHAWK™ 1025	TOMAHAWK™ 1538
Power Input	400/3/50-60	400/3/50-60
Rated Output	60A/40% 40A/100%	100A/40% 60A/100%
Input Current	20A	32A
Output Range	20-60A	30-100A
Dimensions	389 x 247 x 489mm	455 x 301 x 618mm
Weight	22kg	36kg
CODE:	183-225	183-235



1025

1538

**WE STOCK A WIDE RANGE OF
WELDING HELMETS ON PAGES 52 - 60
SAFETY GLASSES ON PAGES 152 - 153
WELDING GAUNTLETS ON PAGES 61**

CNC Plasma Cutters

PLASMA CUTTERS

British built precision & engineering at its best. The CNC cutting table range manufactures precise metal shapes from sheet metal or heavy plate. Using high quality component parts with some of the most precise cutters available, these machines deliver a first class, accurate and precise finish.

Every machine comes with CAD design software that automatically prepares your drawings for cutting and provides inspiration from a range of commonly used shape templates. The CNC system is not only versatile and easy to use but affordable and easy to maintain.

All machines offer:

- Industrial touch screen CNC system
- Digital height sense control (DTHC)
- Direct current control (DCC) of the plasma functions
- 300 watt servo motors on X & Y axes
- Easy to load flat cutting bed
- Intuitive design software with inbuilt generic shapes
- Advanced hole software cuts bolt ready holes automatically
- Lifetime technical support



4ft x 4ft British built plasma cutting machine, maximum cutting capacity - smallest footprint. Featuring an easy to use industrial controller.

1760 x 1671mm Footprint
Table weight 300kg

440	CODE
45	183-565

5ft x 5ft British built plasma cutting machine, maximum cutting capacity - smallest footprint. Featuring an easy to use industrial controller.

2070 x 1850mm Footprint
Table weight 350kg

550	CODE
45	183-568



Full size cutting machine with an 8ft x 4" capacity. Featuring an easy to use industrial controller.

1760 x 3130mm Footprint
Table weight 470kg

840	CODE
45	183-567

Large format cutting machine with a 10ft x 5ft capacity. Featuring an easy to use industrial controller.

2070 x 3730mm Footprint
Table weight 580kg

1050	CODE
45	183-566

Straight line / Pipe Cutting

STRAIGHT LINE CUTTING MACHINE

Portable, automatic straight-line cutting machines, available in models to suit 115v and 230v input power supply. Cuts straight lines and bevels on 5mm-50mm thick steel. Supplied with a 1.8m length of distortion-proof steel track (extra 1.8m lengths also available) and a selection of cutting nozzles.

Constant adjustable travel speed - in forward or reverse - to provide good machine-quality cuts. Robust, and compact manufacture with brass and stainless steel machined components.



SPECIFICATION	110V	230V
Cutting Thickness	5 - 50mm (¼ - 2")	
Cutting Speed	150 - 800mm	
Speed Control	Single Cone System	
Motor	1500rpm	
Power Source	AC 110V	
Weight	9.5kg (20.9lb)	
Nozzle	A-NML 1/32 and 3/64 nozzles	
CODE:	185-001	185-005



SPARE 1.8M TRACK

CODE:

185-018

PIPE CUTTER MACHINE

A manual chain-driven pipe cutting machine that provides smooth, accurate cutting action by incorporating a low gear ratio and worm wheel drive. Cuts 5-50mm thick wall on pipe with 102-600mm (4"-24") diameter. Beveling head angle can be set quickly and accurately by scale on a rack and pinion. This complete package is supplied with a 2.4m length of guide chain and a selection of ANM cutting nozzles. Solidly constructed using brass, chromed and stainless steel parts.

SPECIFICATION	
Effective Pipe Diameter	114 - 600mmø (2 - 24") by standard chain (2.4mm = 96") Over 600mmø by adding extra chain.
Cutting Thickness	Up to 50mm (2")
Cutting Shape	Square and bevel (Up to 45")
Speed Control	Single Cone System
Drive Method	Manual
Nozzle	A-NML 1/32 and 3/64 nozzles
CODE:	185-008



SPARE 2.4M CHAIN

CODE:

185-009



Pipe Cutter Machine includes 2.4m chain

Not sure what you need? Call us on 01452 525757

Curtains & Blankets



CURTAINS & FRAMES

A practical, lightweight and easy to assemble portable frame system. Manufactured from galvanised steel with a specially formed 19mm box section to give extra strength. All frames can be extended by links and castors are available for extra mobility.

Weld-Green Curtain: this is a standard dark PVC curtain recommended for all welding applications where a low degree of visibility is required

Low-vis-Green Curtain: The Low-vis curtain is reinforced for extra strength and tear resistance. Recommended where no visibility is required

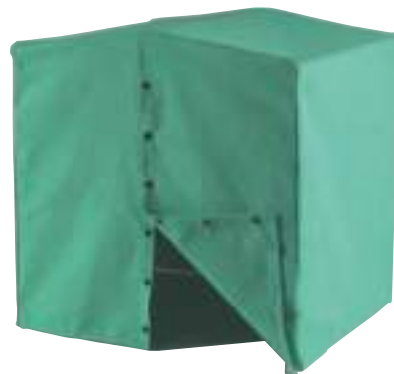
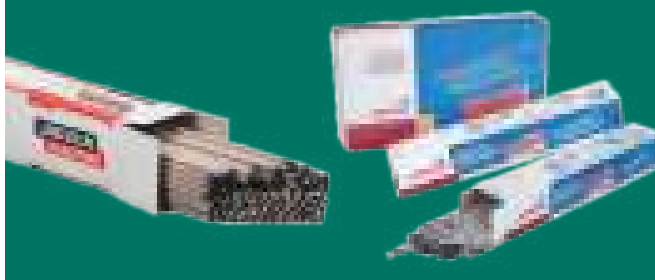
Hi-vis-Amber Curtain: This is a standard translucent PVC curtain recommended for all welding applications where a good degree of visibility is required

Safe-arc-Amber Curtain: This curtain is a reinforced curtain for use where a degree of visibility is required. High performance in all welding applications

DESCRIPTION	CODE
6' x 6' Portable frame fitted with Weld-Green curtain	422-003
6' x 6' Portable frame fitted with Low-vis-Green curtain	422-004
6' x 6' Portable frame fitted with Hi-vis-Amber curtain	422-001
6' x 6' Portable frame fitted with Safe-arc-Amber curtain	422-002
WELDING CURTAIN ONLY: Available as curtain only, fabricated to both standard and customised sizes	Call for info

Extensive range of fixed frame systems available.

ARC WELDING ELECTRODES PAGES 64 - 65



WELDING SHELTER

For on-site welding to protect the weld from the elements and passers-by or colleagues from the welding arc & spatter. Available with a range of flame retardant covers.

DESCRIPTION	CODE
2m x 2m x 2m Welding Shelter Frame only	422-145
2m x 2m x 2m Welding Shelter Complete	422-147

OTHER SIZES AVAILABLE ON REQUEST



LIGHT DUTY BLANKET

Coated light duty 600°C glass fibre welding blanket with fire retardant PU-coating with aluminium pigments to increase anti-slip properties and resistance to fraying.

DESCRIPTION	CODE
1m x 2m Blanket	422-013
2m x 2m Blanket	422-014
1m x 50m Roll	422-018



HEAVY DUTY BLANKET

Heavy duty 1200°C silica fabric treated to provide excellent abrasive & fraying resistance. Retains flexibility after exposure to heat.

DESCRIPTION	CODE
2m x 2m Blanket	422-016
3m x 2m Blanket	422-017

For further information email us at sales@elmbridgeuk.com



Section 2

Welding PPE

CONTENTS

Welding & Grinding Systems	P52, 58
Welding Helmets & Spares	P53 - 57, 59 - 60
Safety Gloves	P61
Safety Clothing	P62

Welding & Grinding Systems

WELTEK AIR FED GRINDING AND WELDING SYSTEMS

Weltek air fed systems provide high-level protection against eye and face injury whilst helping to prevent work-related respiratory conditions with PRSLTH2 filtration. Comfortable, light and versatile design. Storage bag included with each product.



WELTEK KAPIO S3 AIR FED WELDING SYSTEM

95mm x 39mm viewing Area
10 hours running time, optional 14 hour hd battery
Dual mode airflow speeds
Battery and filter alarms
Conforms to EN166, EN175, EN379, EN12941
2 arc sensors
Dark shade DIN 9-13; Clear shade DIN 4
Warranty: 2 Years Helmet - 1 Year Airkos Unit

DESCRIPTION	CODE
Kapio S2	470-811



WELTEK NAVITEK S4 AIR FED WELDING / GRINDING SYSTEM

93mm x 43mm viewing Area
10 hours running time, optional 14 hour hd battery
Flip front grinding lens
Dual mode airflow speeds
Battery and filter alarms
Conforms to EN166B, EN175B, EN379, EN12941, CE
4 arc sensors
Warranty: 2 Years Helmet - 1 Year Airkos Unit

DESCRIPTION	CODE
Navitek S4	470-800



WELTEK NAVITEK AIR FED GRINDING SYSTEM

Large viewing area
10 hours running time, optional 14 hour hd battery
Grinding mode
180 & 220 litres per minute airflow speeds
Battery and filter alarms
Conforms to EN166B, 175B, EN12941, CE
Warranty: 1 Year Helmet and Airkos Unit

DESCRIPTION	CODE
Navitek	470-799



WELTEK KAPIO S4 AIR FED WELDING / GRINDING SYSTEM

93mm x 43mm viewing Area
10 hours running time, optional 14 hour hd battery
Dual mode airflow speeds
Battery and filter alarms
Conforms to EN166B, 175B, 379, EN12941, CE
4 arc sensors & grinding mode
Warranty: 2 Years Helmet - 1 Year Airkos Unit

DESCRIPTION	CODE
Kapio S4	470-817

SPARE PARTS & ACCESSORIES

DESCRIPTION	CODE	DESCRIPTION	CODE
AX3415 Clear Lens For Navitek Grinding Visor	470-801	AX4000 Weltek Cover Lens 110x97x1.5mm (10 pk)	470-802
AX2250 Weltek Inner Lens 98x47mm (10 Pack)	470-803	CR7060 Airkos Pre Filter (10 Pack)	470-804
CR7050 Airkos Main Filter	470-805	AX1140 Weltek Sweatband	470-806
CR7001 Airkos Belt	470-807	CR7032 Airkos Face Seal	470-808
Weltek Navitek Airfed Helmet Only	470-809	-	-

Welding Helmets & Spares

SPEEDGLAS 9100 SERIES ADFLOW & FRESH-AIR SYSTEMS

The NEW 3M Speedglas 9100 Air Welding Shields utilise the same Adflow System as the 9000 Series but offer improved respiratory protection through the new Headtop. The protection and excellent vision make the FX shields the perfect welders choice.

DESCRIPTION	MANUFACTURER PART NUMBER	SHADE RANGE	CODE
Speedglas 9100 Air Welding Helmet with 9100V ADF & Adflow Air Respirator	567705	5,8,9-13	470-016
Speedglas 9100 Air Welding Helmet with 9100X ADF & Adflow Air Respirator	567715	5,8,9-13	470-515
Speedglas 9100 Air Welding Helmet with 9100XX ADF & Adflow Air Respirator	567725	5,8,9-13	470-525
Speedglas 9100 Air Welding Helmet with 9100XXi ADF & Adflow Air Respirator	567726	5,8,9,14	470-521
Speedglas 9100 Air Welding Helmet with 9100XXi ADF & V-500E Regulator	548526	5,8,9-13	470-522
Speedglas 9100 FX Air Welding Helmet with 9100V ADF & Adflow Air Respirator	547705	5,8,9-13	470-527
Speedglas 9100 FX Air Welding Helmet with 9100X ADF & Adflow Air Respirator	547715	5,8,9-13	470-029
Speedglas 9100 FX Air Welding Helmet with 9100XX ADF & Adflow Air Respirator	547725	5,8,9-13	470-018
Speedglas 9100 FX Air Welding Helmet with 9100V ADF & V-500E Regulator	548805	5,8,9-13	470-526
Speedglas 9100 FX Air Welding Helmet with 9100X ADF & V-500E Regulator	548815	5,8,9-13	470-019
Speedglas 9100 FX Air Welding Helmet with 9100XX ADF & V-500E Regulator	548825	5,8,9-13	470-528



9100 AIR



9100 FX AIR



9100 FRESH AIR



9100 FX FRESH AIR

Not sure what you need? Call us on 01452 525757

Welding Helmets & Spares

SPEEDGLAS 9100 SERIES

The 9100 series welding shields are available either with ADF in a fixed position or with the ADF in a flip up visor which can be lifted to leave a clear visor. The 9100FX shield features a flip up combination of an auto-darkening welding shield & protective visor. The viewing area of the shield is larger than previous models and the geometry of the shield has also been redesigned to increase peripheral vision.

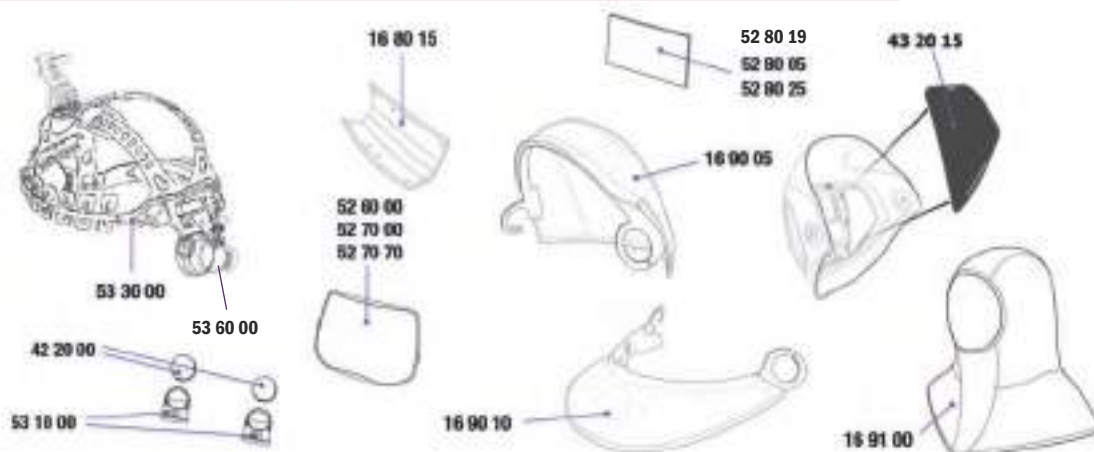
DESCRIPTION	SHADE RANGE	MANUFACTURER PART NUMBER	CODE
9100V Shield (45x93mm)	3,5,8 & 9-13	501805	470-006
9100X Shield (54x107mm)	3,5,8 & 9-13	501815	470-007
9100XX Shield (73x107mm)	3,5,8 & 9-13	501825	470-008
9100XXi Shield (373x107mm)	3,5,8 & 9-13	501826	470-080
9100V FX Shield	3,5,8 & 9-13	541805	470-023
9100X FX Shield	3,5,8 & 9-13	541815	470-024
9100XX FX Shield	3,5,8 & 9-13	541825	470-025

**CHOOSE 9100XX FOR
EXTRA LARGE VIEWING
AREA!**



SPARES FOR 9100 SERIES

DESCRIPTION	MANUFACTURER PART NUMBER	CODE
Outer lens - Standard	526000	460-025
Outer lens - Scratch resistant	527000	460-026
Outer lens - Heat resistant	527070	460-027
Inner lens - 9100V	528005	460-028
Inner lens - 9100X	528015	460-029
Inner lens - 9100XX	528025	460-030
Inner lens - 9100XXi	528025	460-030
Sweatband (x3)	168015	460-007
Extended head protector	169005	460-112
Extended throat & ear protector	169010	460-113
Hood throat/head protector	169100	460-009
Headband assembly	533000	460-031
Headband mounting detail	536000	460-032
Battery (x2)	422000	460-012
Side Window Cover Plate	432015	460-022



MAGNIFYING LENSES FOR 100 SERIES & 9100 SERIES

DESCRIPTION	MANUFACTURER PART NUMBER	CODE
Magnifying lens 1.0	171020	460-070
Magnifying lens 1.5	171021	460-010
Magnifying lens 2.0	171022	460-011
Magnifying lens 2.5	171023	460-073
Magnifying lens holder	171017	460-071



For further information email us at sales@elmbridgeuk.com

Welding Helmets & Spares

SPARES FOR 9100 SERIES ADFLOW

DESCRIPTION	MANUFACTURER PART NUMBER	CODE
Air hose standard	834016	460-056
Air hose rubber	834017	460-057
Air hose cover (flame resistant)	834018	460-058
Prefilter (pk 5)	836010	460-035
Particle filter (pk 2)	837012	460-136
Gas filter A1B1E1	837242	460-038
Battery charger	833111	460-054
Battery - Standard	837630	460-049
Battery - Heavy duty	837631	460-047
Face seal	434001	460-024
Headband c/w air duct	433000	460-023



3M™ VERSAFLO™ M-107 RESPIRATORY HELMET

Lightweight, compact, well-balanced faceshield that offers protection from a range of eye, face and hearing hazards. Also features a flame resistant faceshield. With the right type of filter, the Adflo respirator effectively protects you against both particles and gases.

DESCRIPTION	CODE
One size	450-107

3M™ VERSAFLO™ M-307 RESPIRATORY HELMET

Lightweight, intuitive and well-balanced design with integrated protection from a range of respiratory, head and eye hazards, with offerings for hearing protection, neck and shoulder coverage. Features a Coated Visor and Flame Resistant Face-seal.

SIZE	CODE
One size	460-307

VERSAFLO™ SPARE PARTS & ACCESSORIES

Genuine 3M™ spare parts and accessories to suit 3M™ Versaflo™ respiratory helmets.

DESCRIPTION	CODE	DESCRIPTION	CODE
Headband with air duct	460-803	Odour filter pad	460-037
Face seal	460-804	Spark arrestor	460-034
Poly carbonate visor (pk 5)	460-927	Air hose (standard)	460-033
Peel-off visor covers (pk 10)	460-926		



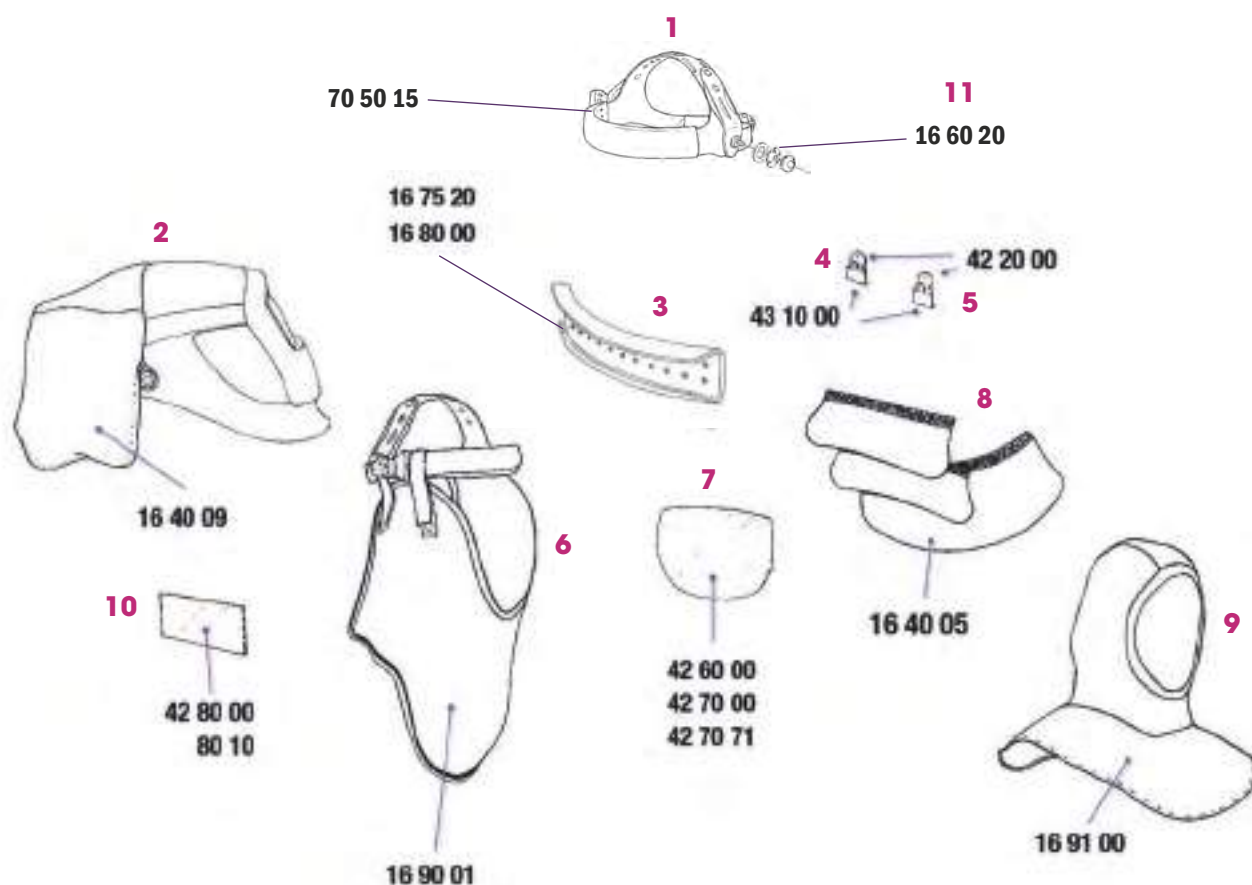
Not sure what you need? Call us on 01452 525757

Welding Helmets & Spares

Speedglas

SPARES FOR 9000 SERIES

DESCRIPTION	MANUFACTURER PART NUMBER	CODE	NUMBER
Outer lens - Standard	426000	460-014	7
Outer lens - Scratch resistant	427000	460-015	7
Outer lens - Heat resistant	427071	460-046	7
Inner lens - 9002D/9002V	428000	460-016	10
Inner lens - 9002X	428010	460-017	10
Sweatband toweling, purple (x2)	167520	460-005	3
Sweatband leather	168000	460-006	3
Battery (x2)	422000	460-012	4
Battery Cover (x2)	431000	460-020	5
Headband including mounting details	705015	460-003	1
Mounting details	166020	460-004	11
Ear & throat protection, leather, 3 part	164005	460-001	8
Head cover	164009	460-002	2
Throat cover	169001	460-008	6
Hood, throat/head cover	169100	460-009	9



For further information email us at sales@elmbridgeuk.com

Welding Helmets & Spares



SPEEDGLAS WELDING HELMET G5-01

DESCRIPTION	CODE
G5-01 with Variable Colour Filter G5-01VC	460-130
G5-01 with Filter G5-01TW	460-120
G501 Helmet without Filter	460-100

SPEEDGLAS WELDING HELMET G5-01 WITH ADFLO RESPIRATOR

The new 3M Speedglas Heavy-Duty Welding Helmet G5-01 has more adjustable features than ever: from the color as seen through the welding filter to the direction of the airflow and the level of coverage.

- Visibility of the welding spot thanks to 3M™ Speedglas™ Natural Colour in the light state (for both ADFs) and, now, variable colour in the dark state (for the G5-01VC filter)
- The highest respiratory safety classifications for powered air respirators (TH3) and supplied air regulators (B3).
- Protection against radiation, sparks and spatter with the new, high-coverage helmet design and six different coverage configurations using helmet accessories.

DESCRIPTION	MANUFACTURER PART NUMBER	SHADE RANGE	CODE
Speedglas G5-01 with Variable Colour Filter G5-01VC, Consumable Kit & Adflo Respirator	617839	5,8-14	460-839
Speedglas G5-01 with Variable Colour Filter G5-01VC & Adflo Respirator	617830	5,8-14	460-838
Speedglas G5-01 with Filter G5-01TW, Consumable Kit & Adflo Respirator	617829	5,8-13	460-829
Speedglas G5-01 with Filter G5-01TW & Adflo Respirator	617820	5,8-13	460-820



SPEEDGLAS G5-01 CONSUMABLE STARTER KIT

SIZE	CODE
Clear visor plate, 2x inner cover plate, 4x outer protection plate, fleece, towel & leather sweatbands	460-000



WELDING FILTER FOR SPEEDGLAS G501 HELMET

DESCRIPTION	CODE
G5-01VC Variable Colour Filter	460-613
G5-01TW Filter	460-612

SPEEDGLAS G5-01 WELDING HELMET SPARE PARTS & ACCESSORIES

DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE
Fire retardant fabric head cover	460-920	Task light w/ cables & plate	460-900	Front cover for inner visor	460-105
Flourescent yellow head cover	460-919	Protection plate for task light	460-905	Front cover on flip-up visor	460-501
Leather head cover	460-922	Long task light cable	460-910	Inner shield w/ airflow ctrl	460-119
Large fire retardant head cover	460-923	Short task light cable	460-911	Anti-fog hardcoated visor	460-300
Protective shroud	460-930	Magnifying lens holder	460-135	headband w/ assembly	460-320
Shroud & large head cover	460-935	Hinge mechanism	460-155	airduct tube short + holder	460-370
Rigid neck protection	460-940	Large head rest	460-211	breathing tube holder	460-371
Fabric neck protection	460-941	Replacement battery holder	460-601	face seal	460-400
Large fabric neck protection	460-942	CR2450 3V lithium battery	460-602	pivot & sliding mechanism	460-600
Leather neck protection	460-943	Outer shield w/ hinge & frame	460-195	headband back part	460-603

Welding & Grinding Systems



ESAB SENTINEL A50 AIR FED WELDING HELMET

The Sentinel's radical design incorporates ergonomic headgear and maximum adjustability to increase productivity, functionality and usability. The Sentinel A50's high-tech features include:

- Almost infinitely adjustable 5-point headgear
- 100 x 60mm viewing area
- Externally activated Grind Button
- Colour touch screen control panel
- Front-loading convex cover lens that comes in different colour options and changes in 10 seconds

DESCRIPTION	CODE
ESAB Sentinel A50 Air Fed Welding Helmet	470-900



ESAB SENTINEL A50 AIR FED WELDING HELMET WITH ECO AIR UNIT PACKAGE

The Sentinel A50 Air incorporates a PAPR (Powered Air Purifying Respirator) unit.

DESCRIPTION	CODE
ESAB Sentinel A50 Air Fed Welding Helmet with Eco Air Unit Package	470-901



ESAB SENTINEL ECO AIR UNIT COMPLETE WITH AIR HOSE

The Eco Air PAPR (Powered Air Purifying Respirator) unit provides 170 litres of clean/ filtered air per minute to give a more pleasant working environment.

- User air flow 170 L/min
- Up to 8hr battery duration @ 170L/min)
- P3 filter and pre-filter
- International intelligent charger (interchangeable pins)
- Audio blocked filter and low battery alarms

DESCRIPTION	CODE
ESAB Sentinel Eco Air Unit Complete with Air Hose	470-902



ESAB SENTINEL A50 LENSES

Various options for the Sentinel A50 Welding Helmet.

DESCRIPTION	CODE
Sentinel A50 Outer Lens - Amber	476-903
Sentinel A50 Front Cover Lens - Clear	476-904
Sentinel A50 Inner Lens	476-905

Welding Helmets & Spares



BLAZE

STEEL ROSE

XTERMINATOR

TROJAN WARRIOR

ACES HIGH

RAZOR DRAGON

SPEEDGLAS 100 SERIES

The highly-affordable 3M Speedglas 100 Welding filter has excellent optical quality, reliable light-to-dark switching, and can be used with most arc welding processes, such as stick (MMA), MIG/MAG, and many TIG applications.

DESCRIPTION	SHADE RANGE	CODE
100 Blaze shield	3 & 8-12	470-100
100 Steel Rose shield	3 & 8-12	470-108
100 Xterminator shield	3 & 8-12	470-111
100 Trojan warrior shield	3 & 8-12	470-104
100 Aces High shield	3 & 8-12	470-105
100 Black shield	3 & 8-12	470-107
100 Razor Dragon shield	3 & 8-12	470-110
100 Ice Hot shield	3 & 8-12	470-109
100 Raging Skull shield	3 & 8-12	470-112
100 Wild 'n' Pink shield	3 & 8-12	470-116
100 Steel Eyes shield	3 & 8-12	470-117



ICE HOT

RAGING SKULL

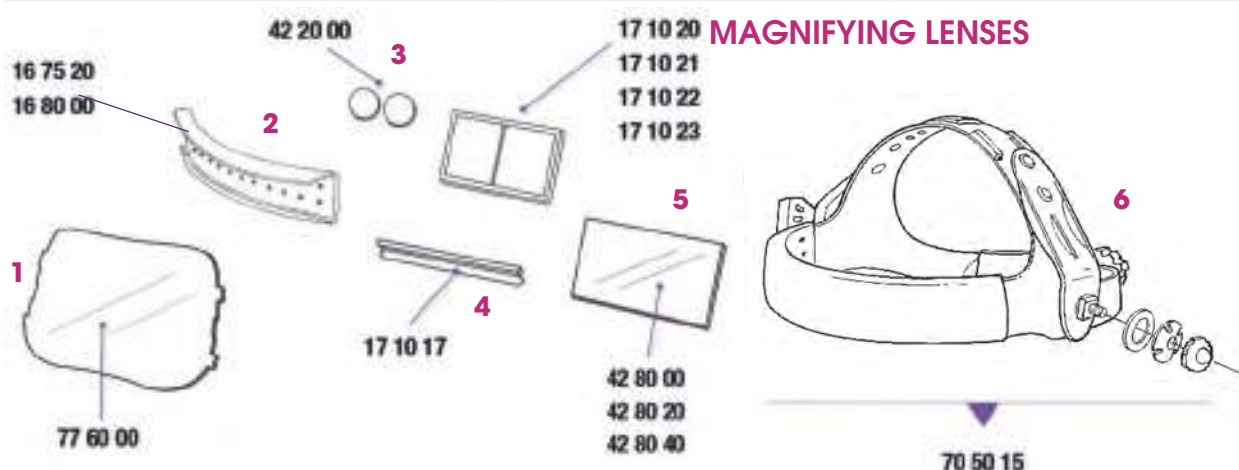


WILD 'N' PINK

STEEL EYES

SPARES FOR 100 SERIES

DESCRIPTION	MANUFACTURER PART NUMBER	CODE	NUMBER
Outer lens	776000	460-042	1
Inner lens	428000	460-016	5
Inner lens +2 shade	428040	460-019	5
Inner lens +1 shade	428020	460-018	5
Sweatband, toweling purple (x2)	167520	460-005	2
Sweatband, leather	168000	460-006	2
Battery (x2)	422000	460-012	3
Headband including assembly parts	705015	460-003	6
Magnifying Lens Holder	171017	460-071	4



MAGNIFYING LENSES

Not sure what you need? Call us on 01452 525757

Welding Helmets & Spares



ESAB ECO-ARC WELDING HELMET

The new Eco-Arc in the latest design in flip front passive welding helmets. With a lightweight polypropylene shell and outstanding facial protection, the helmet is suitable for all position welding. Replaces the ALBATROSS helmet.

DESCRIPTION	CODE
Eco-Arc 110 x 60 Welding shield	472-001
Inner cover Lens (pk 10)	454-003
110 x 60 Antispatter lens, plastic	450-100
110 x 60 Shade 9 lens	450-200
110 x 60 Shade 10 lens	450-201
110 x 60 Shade 11 lens	450-202
110 x 60 Shade 12 lens	450-203

HEAD SHIELD



HAND SHIELD



STANDARD PASSIVE WELDING SHIELDS

Standard injection moulded welding shields available as head shield or hand shield. takes a standard 41/4" x 31/4" lens.

DESCRIPTION	CODE
Standard head shield	473-003
Standard hand shield	473-001



ECONOMY AUTO DARKENING HELMET

The V1Plus helmet comes ready to use with variable shade adjustment (9-13). This helmet offers an economical choice for the MIG or stick application on site or in the workshop.

DESCRIPTION	CODE
V1Plus Helmet	475-001
Outer lens (pk 10)	451-001
Inner lens (pk 10)	451-002



JASIC ADF REACTORLIGHT DIGITAL HELMET

True Colour Technology - Advanced UV/IR filter
Advanced Digital Auto Darkening Filter - Fully variable shade 5-8 & 9-13
96mm x 67mm viewing area
Ultra lightweight, just 536 grams
Classification: 1.1.1.2. Conforms to EN166/EN175B/EN379 CE, ANSI Z87.1+ CSA Z94.3, AS/NZS1337/1338

DESCRIPTION	CODE
Jasic HD Helmet	475-015

MANY MORE HELMETS AND LENS SIZES AVAILABLE

PLEASE CALL FOR DETAILS - 01452 525757

Safety Gloves



ULTIMA DEER SKIN TIG GAUNTLETS

High quality Deerskin leather and Kevlar® thread TIG Gauntlets.

SIZE	CODE
One size	480-003



STANDARD TIG WELDING GAUNTLET

Manufactured from soft goat skin leather with chrome split leather 6" cuff length.

SIZE	CODE
One size	480-001



ULTIMA® GOLD TIG GLOVE

TIG gauntlet constructed from the very best soft nappa leather offering superior comfort and feel. Unique design, utilising an "Argon" thumb for a closer fit and thus enhanced dexterity. 4" cuff length.

SIZE	CODE
One size	480-002



WOLFRAM WELDING GAUNTLETS

Premium quality with Cow Split Leather and stitched with Twaron®. Feature reinforced palm, thumb and wrap around index finger.

SIZE	CODE
One size	480-105



REVERSIBLE RED GAUNTLET

Lined gauntlet with reinforced thumb protector both sides to make the glove ambidextrous.

SIZE	CODE
One size	480-100



RED WELDING GAUNTLETS

Fully lined welding gauntlet with one piece back and welted seams.

SIZE	CODE
One size	480-104



BLUE WELDING GAUNTLETS

Blue fully lined welding gauntlet with one piece back and welted seams.

SIZE	CODE
One size	480-102



ULTIMA® SUPERIOR GAUNTLET

Very high quality, extremely durable, cow side split leather with additional palm protection, sewn with DuPont Kevlar® thread and has FULL welts to protect all stitched seams. Comfortable yet robust and is slightly larger than most to enhance ease of use

SIZE	CODE
Size 11	480-004

Safety Clothing



GOLD LEATHER JACKET

To protect the upper body & arms from weld spatter and heat. Made from high quality chrome.

SIZE	CODE
Large	420-837
X Large	420-838
XX Large	420-839



LEATHER FULL SLEEVES

Red leather sleeves worn over clothes to protect against spatter, sparks and heat. Right hand or left hand and fitted with buckles.

DESCRIPTION	CODE
Right hand	420-001
Left hand	420-002



PROBAN HOOD

A product commonly used in high heat and spatter applications such as carbon-arc gouging and high-amp stick welding. The Proban hood provides protection to the head, forehead, ears, the side of the face and the neck.

DESCRIPTION	CODE
Proban hood	421-001



PROBAN COVERALLS

Flame retardant offering protection against aggressive heat and molten metal splash. Two chest pockets with flaps, side pockets and stud front. Also available in other colours.

SIZE	RED CODE	BLUE CODE
Medium	421-115	421-111
Large	421-116	421-112
X Large	421-117	421-113
XX Large	421-118	421-114



CHROME LEATHER SPAT

To protect shoes and trousers from spatter, sparks and heat. One Size.

SIZE	CODE
One size (pair)	420-003



KROMER STYLE CAPS

Flame retardant welders caps with eye catching and attractive designs. Often worn beneath a headshield with the peak reversed to cover the neck and provide some protection from heat, sparks and spatter.

SIZE	CODE
Small	421-002
Medium	421-003
Large	421-004
X Large	421-005



Section 3

Electrodes & Wires

CONTENTS

Welding Electrodes	P64 - 67
MIG Wires	P66 - 72
TIG Wires	P73 - 75
TIG Cleaning Accessories	P76
Brazing & Gas Welding Wire	P77
Silver Solder	P78

Welding Electrodes



OERLIKON FINCORD M 6013 ELECTRODE

Good quality, medium coated electrode for excellent welding. It also allows for touch welding techniques. Smooth even metal transfer, low spatter and self-releasing slag resulting in high quality weld deposits. Ideal for fillet and butt joints.

SIZE/WEIGHT	CODE
2.0mm / 3.74kg	260-100
2.5mm / 4.13kg	260-101
3.2mm / 4.27kg	260-102
4.0mm / 5.10kg	260-103



WELDFAST MWA E6013 ELECTRODE

The Weldfast medium rutile coated, all positional arc welding rods are intended for mild steel and medium tensile steels. This great performance rod produces a great finish and is very well priced.

SIZE/WEIGHT	CODE
2.5mm / 5kg	260-025
3.2mm / 5kg	260-032
4.0mm / 5kg	260-040
5.0mm / 5kg	260-050



OERLIKON OVERCORD Z 6013 ELECTRODE

All positional medium coated electrode ideal for root welds in pipe and tight joint fit-up. Suitable for welding downhand.

SIZE/WEIGHT	CODE
2.5mm / 4.36kg	260-200
3.2mm / 4.7kg	260-201
4.0mm / 4.46kg	260-202



PANTAFIX MILD STEEL 6013 ELECTRODES

Rutile general purpose, all position electrode, including vertical down. Soft arc suitable for relative thin plates and bridging wide gaps. Excellent in pipe welding and construction. Good X-ray soundness.

SIZE/WEIGHT	CODE
2.5mm / 2.8kg	260-600
3.2mm / 4.8kg	260-601
4.0mm / 5.4kg	260-602

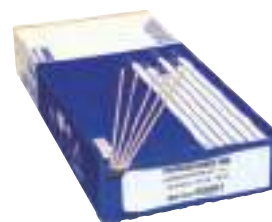


**BEST
SELLER**

LINCOLN OMNIA 46 ELECTRODES

Rutile general purpose, all positional electrode, including vertical down. Suitable for "clean" structural steel producing smaller diameters. Can be used with low open circuit voltage transformers. Excellent for hobby market and general construction work.

SIZE/WEIGHT	CODE
2.5x350mm/4.8kg	260-060
3.2x350mm/5.3kg	260-061
3.2x450mm/6.2kg	260-062
4.0x350mm/5.0kg	260-063

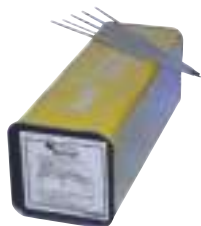


OERLIKON FERROMATIC 7024 IRON POWDER ELECTRODE

High recovery iron powder electrode for fast welding on structural steel. Suitable for mild and low alloy steel.

SIZE/WEIGHT	CODE
3.2mm / 5.4kg	260-800
4.0mm / 5.5kg	260-801
5.0mm / 5.77kg	260-802

Welding Electrodes



NUFIVE PIPELINE 6011 ELECTRODE

Cellulosic coating designed for pipeline circumferential seams using vertical down welding techniques. Suitable for root, fill and capping passes. Also suitable for vertical up and overhead plate welding.

SIZE/WEIGHT	CODE
2.5mm / 20kg	261-210
3.2mm / 20kg	261-211
4.0mm / 20kg	261-212



OERLIKON SUPERCITO E 7018 LOW HYDROGEN ELECTRODE

Suitable for welding C-Mn steels with iron powder coating additions. High deposition rate, ideal for ship-building and general construction. Welds have excellent x-ray quality and impact toughness.

SIZE/WEIGHT	CODE
2.5mm / 3.6kg	261-200
3.2mm / 4.22kg	261-201
4.0mm / 5.8kg	261-202
5.0mm / 5.53kg	261-203



LINCOLN HYDRO 7028 LOW HYDROGEN ELECTRODE

Similar characteristics to the 7018 electrode. Excellent for tack welds, very easy restriking. For ease of use for site welding, pipe welding and general purpose applications.

SIZE/WEIGHT	CODE
3.2mm / 13kg - Vacuum packs (3)	261-500
4.0mm / 16kg - Vacuum packs (3)	261-503
5.0mm / 5.2kg	261-502



OERLIKON SPEZIAL 7016 LOW HYDROGEN ELECTRODE

A double coated hydrogen-controlled electrode giving enhanced operability. Ideal for both general workshop fabrications and on-site repair operations.

SIZE/WEIGHT	CODE
2.5mm / 3.94kg	261-000
3.2mm / 4.13kg	261-001
4.0mm / 5.2kg	261-002
5.0mm / 5.02kg	261-003



OERLIKON SUPERCITO 7018S MMA ELECTRODE

Basic coated electrode for producing tough, crack-free welded joints even on steels with a carbon content up to 0.4%. Weld metal has good toughness properties down to -50°C. Suitable for buffer layers.

SIZE/WEIGHT	CODE
2.5mm / 3.96kg	261-300
3.2mm / 4.2kg	261-301
4.0mm / 5.7kg	261-302
5.0mm / 5.71kg	261-303



FILARC 56R RAIL ELECTRODE

5.0mm electrode for joining rails. Please ask for specification sheet.

SIZE	CODE
5.0mm x 14.6kg	261-204

Welding Electrodes

MAINTENANCE & REPAIR ELECTRODES



LINCOLN REPTEC CAST 1 ENICL CAST IRON ELECTRODE

A basic, nickel-cored electrode for welding normal grades of cast iron and joining cast iron to other ferrous or non-ferrous metals. Heat affected zone and weld metal easily machinable. Especially suitable for welding contaminated cast iron and repair work.

SIZE/WEIGHT	CODE
2.5mm x 2.5kg	281-400
3.2mm x 2.5kg	281-401
4.0mm x 2.5kg	281-402



LINCOLN REPTEC CAST 3 NIFE CAST IRON ELECTRODE

Electrode with nickel-iron core for repair welding and joining all types of cast iron. Weld metal and heat affected zone are both easily machinable. Especially recommended for joints in which severe demands are made on the strength of the weld.

SIZE/WEIGHT	CODE
2.5mm x 2.5kg	281-250
3.2mm x 2.5kg	281-300
4.0mm x 2.5kg	281-350



OERLIKON CITOCUT CUTTING ELECTRODE

A special electrode for cutting all ferrous and non ferrous metals. The coating is designed to prevent side arcing.

SIZE/WEIGHT	CODE
2.5mm x 3.1kg	280-100
3.2mm x 3.6kg	280-101
4.0mm x 3.4kg	280-102



TRUALLOY 43 HARDFACING 600 ELECTRODE

Basic coated electrode for wear resistant surfacing of steel, cast steel and high MN-Steel which are subjected to abrasion, metal to metal wear, impact and/or compression stresses. Typical weld deposit hardness of 620-720Hv.

SIZE/WEIGHT	CODE
3.2mm x 6.9kg	280-200
4.0mm x 7.14kg	280-201

SPECIAL ELECTRODES



HILCO ALUMINIL S15 ALUMINIUM ELECTRODE

For welding, repairing and surfacing forged aluminium and cast AL-Si alloys, and joining dissimilar aluminium alloys. 7% Si content.

SIZE/WEIGHT	CODE
3.2mm x 2kg	270-315



TRUALLOY 82 307 BUFFER ELECTRODE

For joining dissimilar steels and cladding on ferritic steels. The weld metal is highly crack resistant, suited to joining difficult to weld steels and depositing stress - relaxing buffer layers on crack sensitive base metal or prior to hardfacing deposits.

SIZE/WEIGHT	CODE
2.5mm x 4kg	272-822
3.2mm x 5kg	272-823
4.0mm x 5kg	272-824

Welding Electrodes

STAINLESS STEEL / DISSIMILAR ELECTRODES



LINCOLN LIMAROSTA 308L STAINLESS STEEL ELECTRODE

For 304 or equivalent steels. Mirror like bead appearance. Self releasing slag. Excellent side wall wetting, no undercut. High resistance to porosity.

SIZE/WEIGHT	CODE
2.5mm x 2.7kg	270-330
3.2mm x 4.7kg	270-331
4.0mm x 5.8kg	270-332



LINCOLN LIMAROSTA 316L STAINLESS STEEL ELECTRODE

For 316 or equivalent steels Molybdenum level min. 2.7%. Mirror like bead appearance. Self releasing slag. Good side wall fusion, no undercut. High resistance to porosity.

SIZE/WEIGHT	CODE
2.5mm x 2.7kg	271-001
3.2mm x 4.8kg	271-002
4.0mm x 5.9kg	271-003
5.0mm x 5.9kg	271-004



LINCOLN LIMAROSTA 309S DISSIMILAR ELECTRODE

Developed for welding stainless steel to mild steel and clad steel. Excellent side wall wetting, no undercut, mirror like bead appearance. Self releasing slag. High resistance to porosity.

SIZE/WEIGHT	CODE
2.5mm x 2.8kg	271-309
3.2mm x 4.9kg	271-310
4.0mm x 5.9kg	271-311



LINCOLN LIMAROSTA 312 DISSIMILAR / REPAIR ELECTRODE

Excellent for repair welding, specially developed for welding steels difficult to weld such as: armour plate, austenitic Mn steel and high C steel. Excellent weldability and self releasing slag.

SIZE/WEIGHT	CODE
2.5mm x 2.6kg	270-001
3.2mm x 5.0kg	270-002
4.0mm x 5.0kg	270-003



SIF ELECTRODE CANNISTER

A durable, sealable, canister, providing great storage and protection for all 350mm long welding electrodes.

SIZE	CODE
RG100 14"	167-100

We supply a complete range of wires and electrodes, from all leading suppliers:



Mig Wires



CALL NOW FOR COMPETITIVE PRICING!

MAGMAWELD SG2 MIG WIRE

Copper coated mild steel MIG wire for welding mild and medium tensile steels for impact toughness down to -20C°

	PLASTIC SPOOL		STEEL SPOOL	DRUM
	0.7KG - CODE	15KG - CODE	15KG - CODE	250KG - CODE
0.6mm	200-200	-	-	-
0.8mm	201-400	201-302	201-301	-
1.0mm	202-600	202-401	202-400	201-500
1.2mm	-	203-401	203-400	203-402



ESAB COPPER COATED OK AUTROD 12.51

Premium quality wire provides an excellent weld quality, guarantees longer periods of low force feeding, arc stability and low spatter between cleaning and maintenance intervals.

SIZE/WEIGHT	18KG - CODE	250KG - CODE
1.0mm	202-142	202-112
1.2mm	-	203-122



ESAB COPPER FREE OK ARISTOROD 12.50

Features advanced surface technology for improved feedability, arc stability and starting properties with superb wetting action. Suitable for structural, automotive, agricultural and other general fabrication.

SIZE/WEIGHT	18KG - CODE	250KG - CODE
1.0mm	202-151	202-161
1.2mm	202-152	-

For further information email us at sales@elmbridgeuk.com

Mig Wires

LINCOLN SUPRAMIG ULTRA SG3 COPPER COATED MIG WIRE

Solid wire with increased manganese for semi-automatic welding and robotic applications. Excellent feed-ability and very consistent welding performance. Tight and stable arc with extremely low spatter. Typical applications: Transportation, pipeline & energy.

SIZE	15KG - CODE	250KG - CODE
0.8mm	203-440	201-501
1.0mm	203-445	201-502
1.2mm	203-450	201-503



LINCOLN ARCWELD SG2 A18 MIG WIRE

SIZE	15KG - CODE
0.8mm	201-600
1.0mm (plastic spool)	202-503
1.2mm	203-50

CARBOFIL 1 SG2 A18 MIG WIRE

SIZE	15KG - CODE
1.0mm	202-200
1.2mm	203-201
1.6mm	204-001



ALUMINIUM MIG WIRES



ALUMINIUM GRADE 4043 NG21 5% SILICONE

Aluminium alloy with excellent flow characteristics and penetration. Features lower melting point and fluidity than 5xxx series filler alloys and low sensitivity to weld cracking with 6xxx base alloys. Suitable for sustained elevated temperature service. I.e. above 65°C.

SIZE	0.5KG - CODE	6.5KG - CODE
0.8mm	220-001	220-100
1.0mm	221-001	221-100
1.2mm	222-001	222-100

ALUMINIUM GRADE 5356 NG6 5% MAGNESIUM

A general purpose aluminium wire with 5% magnesium that has excellent corrosion resistance and high strength. Suitable for welding 5XXX series alloys when 276 MPa tensile strength is not required. Excellent colour match after anodizing.

SIZE	0.5KG - CODE	6.0KG - CODE
0.8mm	223-000	223-001
1.0mm	224-000	224-001
1.2mm	225-000	225-001

ALSO AVAILABLE UPON REQUEST ARE GRADES:- 1050, 4047, 5183 and 5556.

GASLESS MIG WIRE

Self shielding steel MIG wire, ideal for DIY use.

SIZE	0.5KG - CODE	4.5KG - CODE
0.8mm	205-001	205-100



Mig Wires

MILD STEEL FLUX CORED WIRE



LINCOLN OUTERSHIELD 71E-H

Used for high quality welding. Full out-of-position capability with higher deposition rates. Very suitable for welding root runs on ceramic backing. Excellent wire feeding. Superior product consistency with optimal alloy control.

SIZE/WEIGHT	CODE
1.2mm / 16 kg	206-900



LINCOLN INNERSHIELD NR-232

For site welding from wirefeeder/generator setups. High deposition rate out-of-position welding. Designed for single and multiple pass welding of 4.8mm and heavier mild steel, as well as some low alloy steels. Self-peeling slag. Excellent Charpy V-Notch properties.

SIZE/WEIGHT	CODE
1.7mm/0.68" / 13.5lb	206-518
2.0mm/ 5/64" / 13.5lb	206-525

LINCOLN INNERSHIELD NR-211-MP

Designed for site welding from wirefeeder/generator setups. Versatile all-purpose innershield wire suitable for all position welding of light gauge steel or thin plate up to 12.7mm. Low spatter and excellent weld appearance.

SIZE/WEIGHT	CODE
1.7mm/0.68" / 14lb	206-506
0.9mm/0.35" / 10lb	206-354

HARD FACING MIG WIRES



CARBOFIL A600 HARDFACING MIG WIRE

Solid hard facing MIG wire used in high wear resistant, high impact and abrasion applications, E.g. Plant hire, piling, bucket repair, etc.

SIZE/WEIGHT	CODE
1.2mm / 15kg	208-001



SIFBRONZE 968 MIG BRAZING WIRE

A copper wire containing 3% silicon and 1% manganese used for fusion welding materials of similar composition, copper alloys (brass) and MIG brazing steels. It is also suitable for surfacing steel and dissimilar metal applications.

SIZE	4KG - CODE	12.5KG - CODE
0.8mm	290-001	290-100
1.0mm	290-002	290-200

OTHER FLUX CORED HARDFACING WIRES, COPPER AND MIG BRAZING WIRES AVAILABLE ON REQUEST.

For further information email us at sales@elmbridgeuk.com

Mig Wires

STAINLESS STEEL MIG WIRES

We carry a full range of specialist MIG wires for all popular applications



308 LSI STAINLESS MIG WIRE

For welding 18/8 (304) austenitic stainless steels, providing good corrosion and wear resistance.

SIZE/WEIGHT	CODE
0.8mm / 15kg	210-001
1.0mm / 15kg	211-001
1.2mm / 15kg	212-001

316 LSI STAINLESS MIG WIRE

Molybdenum bearing stainless steel with low carbon content. It is corrosion resistant for welding austenitic stainless steels.

SIZE/WEIGHT	CODE
0.8mm / 15kg	216-001
1.0mm / 15kg	217-001
1.2mm / 15kg	218-001

309 LSI STAINLESS MIG WIRE

309 contains higher Chromium and Nickel. It can be used for joining material of similar composition and also dissimilar stainless steels.

SIZE/WEIGHT	CODE
0.8mm / 15kg	213-001
1.0mm / 15kg	214-001
1.2mm / 15kg	215-001

312 STAINLESS MIG WIRE

A 29.9 stainless wire suitable for difficult to weld steels (Mn steels, tool and spring steels), also dissimilar materials. High resistance to weld metal cracking.

SIZE/WEIGHT	CODE
0.8mm / 15kg	219-008
1.0mm / 15kg	219-010
1.2mm / 15kg	219-012

347 LSI STAINLESS MIG WIRE

Niobium stabilised stainless wire to prevent weld decay, giving excellent corrosion resistance. Suitable for use on 18/8 type stainless steel, Nb and Ti stabilised, such as 304, 321 and where the weld is subjected to temperatures above 400C°.

SIZE/WEIGHT	CODE
0.8mm / 15kg	220-008
1.0mm / 15kg	220-010
1.2mm / 15kg	220-012

LNM ZERON 100X

For welding Zeron 100 and other "super duplex" stainless steel grades. High resistance to pitting and corrosion.

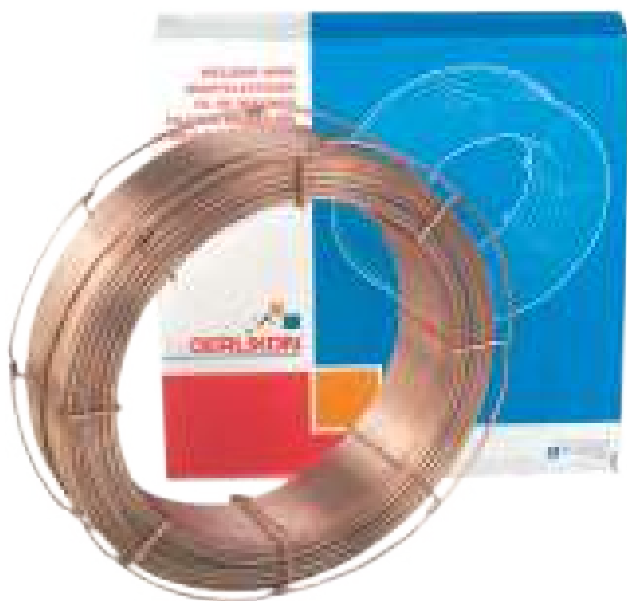
SIZE/WEIGHT	CODE
1.0mm / 12.5kg	207-010
1.2mm / 12.5kg	207-012
1.6mm / 12.5kg	207-016

FLUX CORED STAINLESS STEEL WIRES AVAILABLE

Not sure what you need? Call us on 01452 525757

Mig Wires

SPECIALIST MIG WIRES



SUBMERGED ARC FLUX

Basic and special flux available for all Submerged arc wires.

OERLIKON OE-SD3 SUBMERGED ARC WIRE

Widely used in heavy fabrication. Good weldability and excellent crack resistance. Please specify application when ordering.

SIZE/WEIGHT	CODE
1.6mm / 25kg	207-516
2.4mm / 25kg	207-524
3.2mm / 25kg	207-532
4.0mm / 25kg	207-540

Lincoln and ESAB also available

INCONEL 82 MIG WIRE

Inconel filler metal 82 is used for gas-tungsten-arc, gas-metal-arc and submerged-arc welding of Inconel alloys 600, 601 and 690, Incoloy alloys 800 and 800HT, and Incoloy alloy 330. It is also used for surfacing of steel.

Weld metal deposited by INCONEL Filler Metal 82 has high strength and good corrosion resistance, including oxidation resistance and creep-rupture strength at elevated temperatures.

Dissimilar-welding applications include joining INCONEL alloys, INCOLOY alloys and INCOLOY alloy 330 to Nickel, MONEL alloys, stainless steels and carbon steels. It is also used to join stainless steels to nickel alloys and carbon steels.

SIZE/WEIGHT	CODE
0.8mm / 15kg	293-408
1.0mm / 15kg	293-410
1.2mm / 15kg	293-412
1.6mm / 15kg	293-416
2.4mm / 15kg	293-424



We carry a full range of specialist MIG wires for all popular applications



INCONEL 625 MIG WIRE

Inconel filler metal 625 is used for gas-metal-arc and gas-tungsten-arc welding of INCONEL alloy 625, INCOLOY alloy 825, INCOLOY alloy 25-6MO and a range of high alloy austenitic and super austenitic stainless steels. It is also used for surfacing of steel, for welding 9% Ni steels and various corrosion resistant alloy's such as alloy 20.

Useful for many dissimilar joints involving INCONEL and INCOLOY alloys, carbon steels, low-alloy steels and stainless steels.

SIZE/WEIGHT	CODE
0.8mm / 15kg	293-608
1.0mm / 15kg	293-610
1.2mm / 15kg	293-612
1.6mm / 15kg	293-616
2.4mm / 15kg	293-624

For further information email us at sales@elmbridgeuk.com



A15 MILD STEEL TIG WIRE

A copper coated triple deoxidised steel rod. It enables sound porosity free welds to be made on mild and low alloy steels. Commonly used in pipe welding and root runs on heavy vessels.

SIZE/WEIGHT	CODE
1.0mm x 5kg	230-001
1.6mm x 5kg	231-001
2.4mm x 5kg	232-001
3.2mm x 5kg	233-001

SD3 MILD STEEL TIG WIRE

Copper coated mild steel rod. Provides a nominal 1.7%Mn weld metal for welding fine grained structural steel requiring impact toughness properties down to -60C.

SIZE/WEIGHT	CODE
1.6mm x 5kg	237-001
2.4mm x 5kg	237-100

308 STAINLESS TIG WIRE

For welding 18/8 (304) austenitic stainless steels, providing good corrosion and wear resistance.

SIZE/WEIGHT	CODE
1.6mm x 5kg	240-100
2.4mm x 5kg	240-200
3.2mm x 5kg	240-300

316 STAINLESS TIG WIRE

Molybdenum bearing stainless steel with low carbon content. It is corrosion resistant for welding molybdenum bearing austenitic stainless steels.

SIZE/WEIGHT	CODE
1.0mm x 5kg	243-001
1.2mm x 5kg	243-012
1.6mm x 5kg	243-100
2.4mm x 5kg	243-200
3.2mm x 5kg	243-300

347 STAINLESS TIG WIRE

Niobium stabilised stainless wire to prevent weld decay, giving excellent corrosion resistance. Suitable for use on 18/8 type stainless steel, Nb and Ti stabilised, such as 304, 321 and where the weld is subjected to temperatures above 400C°.

SIZE/WEIGHT	CODE
1.2mm x 5kg	244-012
1.6mm x 5kg	244-001
2.4mm x 5kg	244-100
3.2mm x 5kg	244-200

A18 MILD STEEL TIG WIRE

A copper coated double deoxidised steel rod. Suitable for welding mild steel and medium carbon steels. The combination of excellent weldability and reliable mechanical properties make this wire suitable for depositing root runs on pipe in all positions.

SIZE/WEIGHT	CODE
1.6mm x 5kg	234-001
2.4mm x 5kg	235-001
3.2mm x 5kg	236-001

HF6 HARDFACING TIG WIRE

Hard surfacing rod for metal to metal wear, such as wire guides, high speed steel, die and tool steel.

SIZE/WEIGHT	CODE
1.6mm x 1kg	208-616
2.4mm x 1kg	208-624

309 STAINLESS TIG WIRE

309 contains higher chromium and nickel. It can be used for joining material of similar composition and also dissimilar stainless steels.

SIZE/WEIGHT	CODE
1.6mm x 5kg	241-001
2.4mm x 5kg	241-100
3.2mm x 5kg	241-200

312 STAINLESS TIG WIRE

A 29.9 stainless wire suitable for difficult to weld steels (Mn steels, tool and spring steels), also dissimilar materials. High resistance to weld metal cracking.

SIZE/WEIGHT	CODE
1.0mm x 5kg	242-001
1.2mm x 5kg	242-012
1.6mm x 5kg	242-100
2.4mm x 5kg	242-200
3.2mm x 5kg	242-300

LNT ZERON 100X

For welding Zeron 100 and other "super duplex" stainless steel grades. High resistance to pitting and corrosion. High strength and reliable impact toughness.

SIZE/WEIGHT	CODE
1.2mm x 2kg	239-808
2.4mm x 2kg	239-815
3.2mm x 2kg	239-853

TIG Wires



1050 PURE ALUMINIUM TIG WIRE

A nominal 99.5% aluminium wire for the welding of commercially pure grade aluminium in both wrought and cast forms where high electrical conductivity is important. Produces a ductile weld equal in strength to that of the base metal. The weld is capable of being hammered, stretched and drawn into shape without fracture. Typical grades include 1050A and 1200.

SIZE/WEIGHT	CODE
1.6mm x 2.5kg	250-001
2.4mm x 2.5kg	250-100
3.2mm x 2.5kg	250-200

4043 NG21 5% SILICONE ALUMINIUM TIG WIRE

Aluminium alloy with 5% silicone giving excellent flow characteristics and penetration. Suitable for welding duralumin, cast and wrought alloys 6063 (H9), 6061 (H20) and 6082 (H30). Weld will discolour if anodised.

SIZE/WEIGHT	CODE
1.6mm x 2.5kg	251-001
2.4mm x 2.5kg	251-100
3.2mm x 2.5kg	251-200

4047 12% SILICONE ALUMINIUM TIG WIRE

Aluminium rod containing 12% silicone. Good mechanical properties and excellent corrosion resistance. Suitable for silicone bearing cast aluminium alloys and wrought alloys. Do not use if fabrication is to be anodised.

SIZE/WEIGHT	CODE
1.6mm x 2.5kg	252-001
2.4mm x 2.5kg	252-100
3.2mm x 2.5kg	252-200

5356 NG6 5% MAGNESIUM ALUMINIUM TIG WIRE

A general purpose aluminium wire with 5% magnesium that has excellent corrosion resistance and high strength. Suitable for welding magnesium bearing aluminium alloys such as 5251 (N4), 5154 (N5), 5454 (N51) and also heat treatable alloys 6063 (H9), 6061 (H20) and 6082 (H30).

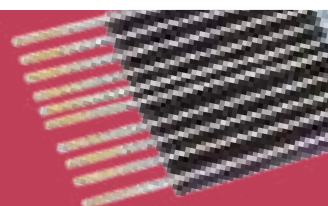
SIZE/WEIGHT	CODE
1.6mm x 2.5kg	253-001
2.4mm x 2.5kg	253-100
3.2mm x 2.5kg	253-200

5556A 5.3% MAGNESIUM ALUMINIUM TIG WIRE

Aluminium alloy containing 5.3% magnesium. All elements are closely controlled for optimum weld strength. Normally used for 5083 (N8), military and roofing applications.

SIZE/WEIGHT	CODE
1.6mm x 2.5kg	254-001
2.4mm x 2.5kg	254-100
3.2mm x 2.5kg	254-200

TIG ACCESSORIES & TUNGSTENS SEE PAGE 43



G2 TITANIUM TIG WIRE

For TIG welding of G2 or similar grade titanium.

SIZE/WEIGHT	CODE
1.2mm / 1 kg	293-216
1.6mm / 1kg	293-217
2.0mm / 1kg	293-224



INCONEL 82 TIG WIRE

Inconel filler metal 82 is used for gas-tungsten-arc, gas-metal-arc and submerged-arc welding of Inconel alloys 600, 601 and 690, Incoloy alloys 800 and 800HT, and Incoloy alloy 330. It is also used for surfacing of steel.

Dissimilar - welding applications include joining INCONEL alloys, INCOLOY alloys and INCOLOY alloy 330 to Nickel, MONEL alloys, stainless steels and carbon steels. It is also used to join stainless steels to nickel alloys and carbon steels.

SIZE/WEIGHT	CODE
1.2mm / 5kg	293-812
1.6mm / 5kg	293-816
2.4mm / 5kg	293-824



INCONEL 625 TIG WIRE

Inconel filler metal 625 is used for gas-metal-arc and gas-tungsten-arc welding of INCONEL alloy 625, INCOLOY alloy 825, INCOLOY alloy 25-6MO and a range of high alloy austenitic and super austenitic stainless steels. It is also used for surfacing of steel for welding 9% Ni steels and various corrosion resistant alloy's such as alloy 20. INCONEL 625 is also useful for many dissimilar joints involving INCONEL and INCOLY alloys, carbon steels, low-alloy steels and stainless steels.

SIZE/WEIGHT	CODE
1.2mm / 5kg	293-012
1.6mm / 5kg	293-016
2.4mm / 5kg	293-024



SIFSILCOPPER NO 968 TIG WIRE

A copper rod, containing 3% silicon and 1% manganese used for fusion welding materials of similar composition, copper alloys (brass) and for TIG brazing steels. It is also suitable for surfacing steel and dissimilar metal applications.

SIZE/WEIGHT	CODE
1.6mm / 2.5kg	293-916
2.4mm / 2.5kg	293-924
3.2mm / 2.5kg	293-932



SIFALBRONZE NO 32 TIG WIRE

This is a 90/10 aluminium bronze rod suitable for welding materials of a similar composition. It is used for surfacing and dissimilar metal joints, also TIG brazing on ferrous and dissimilar metals.

SIZE/WEIGHT	CODE
1.6mm / 2.5kg	293-316
2.4mm / 2.5kg	293-324
3.2mm / 2.5kg	293-332



SIFPHOSPHOR BRONZE NO 8 TIG WIRE

The phosphor bronze rod contains 7% tin and is suitable for fusion welding of phosphor bronze castings and copper alloys (brass). It is also used for TIG brazing on ferrous and dissimilar metals.

SIZE/WEIGHT	CODE
1.2mm / 2.5kg	293-512
1.6mm / 2.5kg	293-516
2.4mm / 2.5kg	293-524
3.2mm / 2.5kg	293-525

SIFSILCOPPER NO 985 TIG WIRE

High quality rod containing a minimum of 98.5% copper with deoxidising elements. It is ideal for TIG welding of copper.

SIZE/WEIGHT	CODE
1.2mm / 1kg	293-733
1.6mm / 2.5kg	293-716
2.4mm / 2.5kg	293-724
3.2mm / 2.5kg	293-732

TIG Cleaning Accessories



ANTOX 71E PLUS PICKLING PASTE & BRUSH

Pickling paste is used to clean discoloration of the surface in the weld area and restore chrome oxide layer on the stainless.

SIZE/WEIGHT	CODE
Antox 71E Plus Pickling Paste 2kg	175-001
Antox Brush	175-002



ANTOX NP NEUTRALISING PASTE

Used to neutralise any residual substance after using pickling paste.

SIZE/WEIGHT	CODE
Antox NP Neutralising Paste 2kg	175-006

BYMAT 1140 RS STAINLESS STEEL CLEANER

Electrochemical cleaning, polishing, dark marking.

Cleaning

The BYMAT 1140 RS is an appliance for electrochemical cleaning of weld seams on VA steel. The fluid used is moreover completely safe and environment-friendly.

Electropolishing

Grey edges (heat-affected zones) can be straightforwardly removed. In this way high-grade steel can be polished to a high mirror finish.

Dark marking

Marks easily, quickly and inexpensively – jet black even on cylindrical components.

INFORMATION AND DEMONSTRATIONS AVAILABLE ON REQUEST

TECHNICAL DATA

Primary Voltage	230V, 50-60Hz
Secondary Voltage	24V, 12Amp
Dimensions	420 x 215 x 350mm



**BEST
SELLER**



CE15 TIG MOP CLEANER

Wood cleaning solution.

SIZE/WEIGHT	CODE
5 litres	175-015



3M

**PROTECTIVE EYEWEAR
CAN BE FOUND ON
PAGE 152 - 153**

Brazing & Gas Welding Wire



CCMS MILD STEEL GAS WELDING ROD

A low-carbon mild steel rod ideal for all types of mild steel and wrought iron welding with copper coating to ensure long shelf life. It is free flowing and produces a high strength ductile weld. It is specially suitable for sheet metal panels, plates, tubes and fittings.

SIZE/WEIGHT	CODE
1.6mm / 5kg	292-001
2.4mm / 5kg	292-100
3.2mm / 5kg	292-200

FLUX COATED GENERAL BRAZING (SILICONE BRONZE)

Brazing Rod Like standard silicone bronze but with a full flux coating. The benefit of this rod is that you can continuously braze without having to flux dip. Again this rod is suitable for mild steel work, galvanised steel and dissimilar metal applications.

SIZE/WEIGHT	CODE
1.6mm / 2.5kg	291-011
2.4mm / 2.5kg	291-012
3.2mm / 2.5kg	291-013

SIF SUPER SILICONE NO 9 CAST IRON BRAZING ROD

This rod is suitable for full fusion welding of cast iron, providing a high strength weld metal which is easily machinable. It gives an excellent colour match and has the same structure as grey cast iron. Use SIF cast iron flux.

SIZE/WEIGHT	CODE
4.0mm / 5kg	293-651
5.0mm / 5kg	293-652
6.0mm / 5kg	293-653
10.0mm / 5kg	293-654



GENERAL BRAZING (SILICONE BRONZE) BRAZING ROD

Multipurpose low temperature rod for brazing and bronze welding of steels, cast iron, copper and its alloys. Especially suited for mild steel work, galvanised steel and dissimilar metal applications. Use SIFBRONZE flux.

SIZE/WEIGHT	CODE
1.6mm / 2.5kg	291-001
2.4mm / 2.5kg	291-100
3.2mm / 2.5kg	291-200

SIFALUMIN NO 16 ALUMINIUM BRAZING ROD

A rod for brazing aluminium that enables strong, neat joints to be easily produced. Difficulties can occur on alloys containing magnesium in excess of 2% and high silicone alloys. Use SIF aluminium flux.

SIZE/WEIGHT	CODE
1.6mm / 2.5kg	293-101
2.4mm / 2.5kg	293-102
3.2mm / 2.5kg	293-103



SIF GASFLUX LIQUID 3LTR

Specially formulated liquid of Methanol and trimethylborate, which allows fuel gas (acetylene) to absorb flux into the torch flame.

	CODE
Gasflux Liquid 3ltr	174-100



SIF BRONZE FLUX 500G

Powder Flux for general brazing work.

	CODE
Bronze Flux 500g	174-002



CAST IRON FLUX 500G

Powder flux for fusion welding cast iron.

	CODE
Cast Iron Flux 500g	174-003



ALUMINIUM FLUX 500G

Powder flux for gas welding and brazing aluminium and it's alloys.

	CODE
Aluminium Flux 500g	174-004

Silver Solder



EASY-FLO FLUX POWDER / PASTE

Easy-Flo Flux provides a consistent viscosity and saves time. Contains wetting agents improving flux cover and joint quality. Excellent for 'hot rodding' and as a silver brazing flux.

	CODE
Easy-Flo Paste - 500g	173-001
Easy-Flo Powder - 500g	174-001

**GOGGLES
& VISORS
CAN BE
FOUND
ON PAGES
152-154**



SILVERFLO 40 (BARE OR FLUX COATED)

A popular grade of silver solder (40% silver) offering good capillary action and ductility in many ferrous and non-ferrous applications. This alloy is less free flowing and has a higher melting temperature. It is ideal for joints where close tolerances are not possible, or where a fillet build up is desirable. To be used with Flux.



	CODE - 1.5MM	CODE - 2.0MM	CODE - 2.5MM
BARE	171-004	171-005	171-008
Flux Coated	171-003	171-100	171-101

SILVERFLO 55 (BARE OR FLUX COATED)

Silver solder (55% silver). Free from highly toxic cadmium to conform with COSHH requirements. Free flowing and ideal for close fitting capillary joints and for colour match on stainless. Suitable for almost all applications. Low temperature short melting range (630-660° C). To be used with Flux.



	CODE - 1.5MM	CODE - 2.0MM	CODE - 2.5MM
BARE	171-007	171-010	171-009
Flux Coated	171-006	171-011	171-012

SILFOS 5

The recommended self fluxing alloy for copper to copper pipe joints. Has the best balance of flow and ductility and also recommended where joints will be subjected to significant stress levels.



	CODE - 1.5MM	CODE - 2.0MM	CODE - 2.5MM / 2.5KG
Silfos 5	171-515	171-520	171-002

SILBRALLOY

An economical alternative to Silfos 5 where limited stresses only are placed on joints. Containing 2% silver.



SILVERALLOY	1.5MM	2.0MM	2.5MM
	CODE	CODE	CODE
Silveralloy	171-001	171-420	171-425

For further information email us at sales@elmbridgeuk.com



Section 4

Gas Equipment

CONTENTS

Regulators, Arrestors & Hoses	P80 - 81
Cutting Torches & Nozzles	P82 - 83
Heating Nozzles & Parts	P84
Hose Fittings	P85
Gas Accessories	P86 - 87
Gas Welding Trolleys	P88

Regulators, Arrestors & Hoses

SINGLE STAGE GAUGELESS REGULATOR

No gauge design, ideal for site work and mobile use. Pressure is set by markings around the adjustment knob.

GAS	CODE
Oxygen	150-101
Acetylene	150-201
Propane	150-401

SINGLE STAGE TWO GAUGE REGULATOR

Precision engineered single stage regulators. Accurate outlet adjustment knob, outlet gauge, and bottle contents gauge.

GAS	CODE
Oxygen	150-100
Acetylene	150-200
Propane	150-400
Argon	150-001

TWO STAGE TWO GAUGE REGULATOR

Two stage design means more robust, more accurate and a longer life compared to standard regulators.

GAS	CODE
Oxygen	150-102
Acetylene	150-202
Argon	150-002



FLASHBACK ARRESTORS

DESCRIPTION	CODE
Non-resettable Oxygen	152-002
Non-resettable Fuel Gas	152-001



RESETTABLE FLASHBACK ARRESTORS

DESCRIPTION	CODE
Resettable Oxygen	152-004
Resettable fuel gas	152-003



10 PIECE GAS CUTTING SET

Economy range including: 2 x single stage two gauge regulators, nozzle mix cutting torch, 10m fuel gas hose set, spanner, acetylene / propane nozzle, 2 x flashback arrestors, and cup type sparklighter.

DESCRIPTION	CODE
Acetylene (ANM)	152-010
Propane (PNM)	152-011

Regulators, Arrestors & Hoses

HARRIS SINGLE STAGE GAUGELESS REGULATOR

Heavy duty single staged gaugeless regulator, designed for the really rough industrial applications in the toughest working conditions.

GAS	CODE
Oxygen	150-283
Propane	150-284
Acetylene	150-285

HARRIS SINGLE STAGE TWO GAUGE REGULATOR

Precision engineered single stage regulators. Accurate outlet adjustment knob, outlet gauge, and bottle contents gauge.

GAS	CODE
Oxygen	150-104
Acetylene	150-103
Argon	150-105

HARRIS TWO STAGE TWO GAUGE REGULATOR

Used where stable outlet pressure is required. Ideal for quality cutting applications, laboratory systems, precision machine cutting, heavy machine cutting, hand cutting and gouging.

GAS	CODE
Oxygen	150-276
Acetylene	150-275
Argon	150-277



HARRIS NON-RESETTABLE FLASHBACK ARRESTORS

DESCRIPTION	CODE
Non-resettable Oxygen	152-133
Non-resettable fuel gas	152-134



GAS HOSES

High quality hoses. Come with fittings.

GAS	SIZE	CODE
Oxygen	6mm x 5mtr	156-001
Acetylene	6mm x 5mtr	156-007
Oxygen	6mm x 10mtr	156-002
Acetylene	6mm x 10mtr	156-008
Oxygen	10mm x 5mtr	156-004
Acetylene	10mm x 5mtr	156-010
Propane	10mm x 5mtr	156-014
Oxygen	10mm x 10mtr	156-005
Acetylene	10mm x 10mtr	156-011
Propane	10mm x 10mtr	156-013
Oxygen	10mm x 20mtr	156-006
Acetylene	10mm x 20mtr	156-012
Propane	10mm x 20mtr	156-015

Cutting Torches & Nozzles



**BEST
SELLER**

ECONOMY NOZZLE MIX CUTTING TORCHES

NM Cutting torch for use with oxygen and a variety of fuel gases including Acetylene and Propane. Available in various lengths from 18", 36" and 48". 75°, 90° and 180° head angles available. To be used with ANM or PNM cutting nozzle, dependent on gas used.

LENGTH	75° HEAD ANGLE	90° HEAD ANGLE	180° HEAD ANGLE
	CODE	CODE	CODE
18"	152-399	152-400	152-401
36"	152-402	152-403	152-404
48"	152-405	152-406	152-407



NM CUTTING TORCH HEAD NUT

Replacement head nut for NM style cutting torches. Change if there is any sign of damage.

CODE

154-002



HARRIS (PROFESSIONAL) 242 NOZZLE MIX CUTTING TORCHES

Quality cutter for use with oxygen and a variety of fuel gases including Acetylene and Propane. Available in various lengths from 18", 36" and 48". To be used with ANM or PNM cutting nozzle, dependent on gas used.

DESCRIPTION	CODE
18" 90° Head angle	152-314
36" 90° Head angle	152-316
48" 90° Head angle	152-317



HARRIS (PROFESSIONAL) PROPANE / NATURAL GAS INJECTOR CUTTING TORCHES 70° CUTTING ANGLE

Quality cutting torch from Harris.

LENGTH	CODE
142AF/835 835mm	152-230
625AF/835 835mm	152-231
625AF/1000 900m	152-232



HARRIS (PROFESSIONAL) PROPANE / NATURAL GAS INJECTOR CUTTING TORCHES 90° CUTTING ANGLE

Quality cutting torch from Harris.

LENGTH	CODE
142E Acetylene 440mm	152-210
142F 440mm	152-211
625F/835 835mm	152-214
625F/1000 900mm	152-215
625F/1250 1210mm	152-216
625F/1500 1500mm	152-217
625F/2000 2000mm	152-218

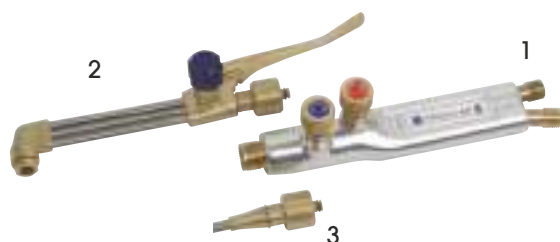


HARRIS (PROFESSIONAL) PROPANE / NATURAL GAS INJECTOR CUTTING TORCHES 180° CUTTING ANGLE

Quality cutting torch from Harris.

LENGTH	CODE
625BF/460mm	152-220
625BF/835 835mm	152-221
625BF/1000 900mm	152-223

Cutting Torches & Nozzles



LIGHTWEIGHT GAS TORCH (1/4" FITTINGS)

MODEL 65	CODE	DIAGRAM
LDT Shank	152-201	1
LDT Cutting attachment	152-202	2
LDT Mixer	152-200	3

NOZZLES FOR USE WITH ACETYLENE AND PROPANE.

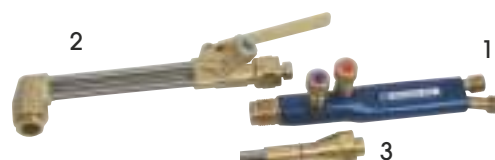
SIZE	CUT SIZE
1/32"	Up to 6mm
3/64"	Up to 13mm
1/16"	Up to 75mm
5/64"	Up to 100mm
3/32"	Up to 150mm
1/8"	Up to 300mm



TYPE 5 CUTTING TORCH SET

Type 5 Welding and Cutting outfit. Comes with torch, hoses, regulators, cutting nozzles, 2 welding nozzles, nozzle cleaners and flint lighter in tool case.

DESCRIPTION	CODE
13 piece set	152-250



HEAVY DUTY GAS TORCH (3/8" FITTINGS)

MODEL 90	CODE	DIAGRAM
HDT Shank	152-301	1
HDT Cutting attachment	152-302	2
HDT Mixer	152-300	3



ACETYLENE - ANM

SIZE	CODE
Cutting nozzle - ANM 1/32"	151-001
Cutting nozzle - ANM 3/64"	151-002
Cutting nozzle - ANM 1/16"	151-003
Cutting nozzle - ANM 5/64"	151-004
Cutting nozzle - ANM 3/32"	151-005
Cutting nozzle - ANM 1/8"	151-006



ACETYLENE - AFN

SIZE	CODE
Cutting nozzle - AFN 1/32"	151-104
Cutting nozzle - AFN 3/64"	151-105
Cutting nozzle - AFN 1/16"	151-106



PROPANE - PNM

SIZE	CODE
Cutting nozzle - PNM 1/32"	151-200
Cutting nozzle - PNM 3/64"	151-201
Cutting nozzle - PNM 1/16"	151-202
Cutting nozzle - PNM 5/64"	151-203
Cutting nozzle - PNM 3/32"	151-204
Cutting nozzle - PNM 1/8"	151-205



ACETYLENE - AGNM

SIZE	CODE
13 Cutting nozzle	151-100
19 Cutting nozzle	151-101
25 Cutting nozzle	151-102

Heating Nozzles & Parts



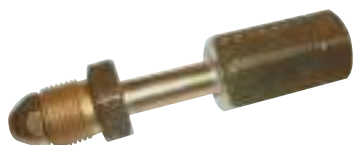
PROPANE HEATING NOZZLES	CODE
NMSH Adapter	151-700
1H Heating nozzle	151-600
2H Heating nozzle	151-601
3H Heating nozzle	151-602
4H Heating nozzle	151-603
5H Heating nozzle	151-604
PHMN Heating nozzle (pepper pot)	151-800
Insert for PHMN	151-801



ACETYLENE HEATING NOZZLES	CODE
AHT 25	151-292
AHT 50	151-293
AHT 100	151-294
Neck for heating nozzles	151-115

REGULATOR PARTS

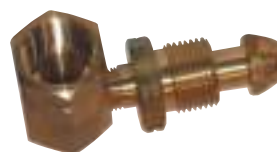
A range of replacement regulator parts that can become damaged over time from general wear and tear incurred when changing bottles. This can lead to leaks on the cylinder connection. It is important to check the 'inspect/replace' date stamped on the regulator prior to changing parts.



CYLINDER EXTENSION

This extension provides an additional distance above the bottle outlet, terminating in a 5/8" BSP female fitting to receive the male bull-nose of the regulator. Available in LH and RH versions.

DESCRIPTION	CODE
Cylinder extension - RH	154-102
Cylinder extension - LH	154-103



90° CYLINDER VALVE ADAPTERS

Some cylinder manufacturers now produce bottles which require the regulator to be connected to the bottle from the side. The 90° adapters allow this to happen by keeping the regulator the right way up so that the pressure control knob and gauges are always on view. These adapters are available in RH and LH versions.

DESCRIPTION	CODE
RH Cylinder adapter 90°	154-100
LH Cylinder adapter 90°	154-101



SWAGED OXY/ACETYLENE GAS WELDING NOZZLES

		1	2	3	5	7	10	13	18	25
To weld (mm)		0.9	1.2	2	2.6	3.2	4	5	6.5	8.2
LIGHTWEIGHT	CODE	151-400	151-401	151-402	151-403	151-404	151-405	151-406	151-407	151-408
HEAVYWEIGHT	CODE	151-500	151-501	151-502	151-503	151-504	151-505	151-506	151-507	151-508

For further information email us at sales@elmbridgeuk.com

Hose Fittings

HOSE FITTINGS

A range of replacement parts for wearing items on gas hoses. Parts often wear due to regular use but instead of replacing the whole hose assembly why not repair your existing hose. It is important to check that the hose is in good condition prior to changing parts.



HOSE CHECK VALVES	CODE
1/4"-1/4" RH Hose check valve	153-001
1/4"-1/4" LH Hose check valve	153-002
3/8"-1/4" RH Hose check valve	153-003
3/8"-1/4" LH Hose check valve	153-004
3/8"-3/8" RH Hose check valve	153-005
3/8"-3/8" LH Hose check valve	153-006



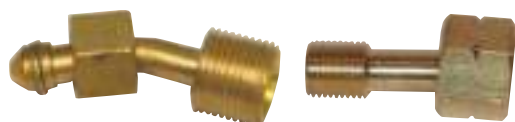
COUPLERS	CODE
1/4"- 1/4" RH Male coupler	153-020
1/4"- 1/4" LH Male coupler	153-021
1/4"- 3/8" RH Male coupler	153-022
1/4"- 3/8" LH Male coupler	153-023
3/8"- 3/8" RH Male coupler	153-024
3/8"- 3/8" LH Male coupler	153-025



NUTS	CODE
1/4" RH Nuts	153-007
1/4" LH Nuts	153-008
3/8" RH Nuts	153-009
3/8" LH Nuts	153-010



TAILS	CODE
1/4" - 6mm Tails (1/4")	153-013
3/8" - 6mm Tails	153-014
3/8" - 8mm Tails	153-015
3/8" - 10mm Tails	153-016



BENT ADAPTERS	CODE
3/8" Thread - 1/4" Nut RH bent adapter	153-026
3/8" Thread - 1/4" Nut LH bent adapter	153-027
3/8" Nut - 1/4" Thread RH str adapter	153-028
3/8" Nut - 1/4" Thread LH str adapter	153-029



SPLICER	CODE
1/4" (6mm) Splicer	153-017
5/16" (8mm) Splicer	153-018
3/8" (10mm) Splicer	153-019



OXY/FUEL GAS ECONOMISER

For repeated start and stop welding or cutting. Lighting and extinguishing the flame can be performed quickly and more easily by using a gas economiser.

DESCRIPTION	CODE
Oxy/Fuel gas economiser	152-233



TWO WAY ADAPTER - RH/LH

Solid one piece brass construction, right or left hand connection for fuel gas with individual control valves for each outlet. BSP Female Inlet connection and BSP Male Outlet connection.

DESCRIPTION	CODE
Double outlet RH Y-piece with valves	153-030
Double outlet LH Y-piece with valves	153-031

Gas Accessories



TRI-FLINT SPARKLIGHTER

Popular design of quality spring steel sparklighter, features a triple-flint strike action. Flints included, spare flints sold as a pack of 10 triangles.

DESCRIPTION	CODE
Tri-flint sparklighter	165-001
Replacement tri-flints (pk 10)	165-002



CUP TYPE SPARKLIGHTER

A single flint bar. Single strike action. Made from quality spring steel. Sold complete with fitted flint. Replacement flints are available in packs of 10.

DESCRIPTION	CODE
Cup type sparklighter	165-005
Replacement cup type flints (pk 10)	165-006



RED PISTOL SPARKLIGHTER

Makes use of a single flint and a trigger strike action. Popular design. Fitted with flint. Spare flints in packs of 10.

DESCRIPTION	CODE
Red pistol sparklighter	165-003
Replacement pistol flints (pk 10)	165-004



NOZZLE CLEANER SET

Tin box type set of reamers and a file for cleaning out holes in gas nozzles etc.

DESCRIPTION	CODE
Nozzle cleaner set	165-400



CYLINDER KEY

Strong, drop-forged or nylon, black bottle keys. Fit valves on gas British type gas cylinders.

DESCRIPTION	CODE
Cylinder key - single	165-101



COMBINATION SPANNER & CYLINDER KEY

Strong, black, drop-forged spanners with integrated cylinder key, 3/8" BSP or EU 19mm jaw for common hose nuts.

DESCRIPTION	CODE
Combination spanner & cylinder key	165-100



LARGE CUTTING ATTACHMENT

A simple but effective tool for cutting circles and arcs with NM type hand cutting torches, and heavy duty cutting attachments.

DESCRIPTION	CODE
Large cutting attachment	152-031



SMALL CUTTING ATTACHMENT

For the accurate cutting of circles and arcs with NM type cutting torches. Attaches to the cutter and pivots around centre punched guide holes.

DESCRIPTION	CODE
Small cutting attachment	152-030

Gas Accessories



O-CLIPS & PLIERS

Assorted sized O-Clips and side closing pliers.

DESCRIPTION	CODE
7 - 9mm O-Clip	155-002
8 - 11mm O-Clip	155-003
11 - 13mm O-Clip	155-004
13 - 15mm O-Clip	155-005
15 - 18mm O-Clip	155-006
17 - 20mm O-Clip	155-007
20 - 23mm O-Clip	155-008
O-Clip pliers	875-200



O-CLIP ASSORTMENT PACK - METRIC

Zinc plated, assorted pack of 125 clips. Includes 8-11, 9-11, 11-13, 13-15, 15-18, 17-20, 20-23mm.

DESCRIPTION	CODE
125 piece pack	155-012

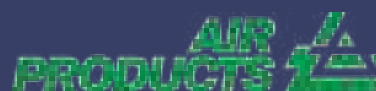


JUBILEE CLIPS

Made from heavily zinc plated mild steel and is used for a wide variety of domestic, automotive and industrial applications. Tough construction manufactured to BS5315, has BSI Kitemark and N.A.T.O. approval.

DESCRIPTION	CODE
JUB 000, 9.5 - 12mm	566-001
JUB M00, 11 - 16mm	566-002
JUB 00, 13 - 20mm	566-003
JUB 0, 16 - 22mm	566-004
JUB 0X, 18 - 25mm	566-005
JUB 1A, 22 - 30mm	566-006
JUB 1, 25 - 35mm	566-007
JUB 1X, 30 - 40mm	566-008
JUB 2A, 35 - 50mm	566-009
JUB 2, 40 - 55mm	566-010
JUB 2X, 45 - 60mm	566-011
JUB 3, 55 - 70mm	566-012
JUB 3X, 60 - 80mm	566-013
JUB 4, 70 - 90mm	566-014
JUB 4X, 85 - 100mm	566-015
JUB 5, 90 - 120mm	566-016
JUB 6, 110 - 140mm	566-017
JUB 6X, 130 - 150mm	566-018
JUB 7, 130 - 165mm	566-019

GAS SUPPLIES



Elmbridge is one of the largest Air Products Agents in Gloucestershire. We offer a full range of industrial gases from stock which can be collected from our Trade Counter.

Air Products is one of the world's largest industrial gas companies and has been serving the welding and cutting industry across the globe for over 60 years. You can rely on us for the best gases, packages, and support to meet your needs.

Speak to a member of our sales team today to discuss your requirements, or receive advice on the best type of gas for your project.

Gas Welding Trolleys



PORTAPAK LITE CYLINDER TROLLEY

Cylinder trolley suitable for the smallest Oxy/Acetylene cylinders on the market, such as a Flamepak 10 and Flamepak 20.

DESCRIPTION	CODE
Portapak trolley	157-001



OXY/ACETYLENE MIDI CYLINDER TROLLEY

Trolley suitable for the mid size Oxy/Acetylene cylinders, that are approximately 1m high.

DESCRIPTION	CODE
Single Oxy/Argon trolley	157-002



LARGE CYLINDER TROLLEY

Suitable for the largest industrial cylinders especially if they are not secured against a wall or frame with chains. Safely move a pair of cylinders without undoing regulators and hoses etc.

DESCRIPTION	CODE
Double Oxy & Acetylene trolley	157-003



PROPANE CYLINDER TROLLEY

For use with Propane cylinders. Enables cylinders to be moved safely when required, supplied with holding chain to ensure cylinder stays in place whilst being moved.

DESCRIPTION	CODE
Single Propane	157-004



TWIN OXYGEN/PROPANE CYLINDER TROLLEY

Suitable for the largest industrial cylinders especially if they are not secured against a wall or frame with chains. Ideal for moving a pair of cylinders around the workshop safely without undoing regulators and hoses etc.

DESCRIPTION	CODE
Double Oxy & Propane trolley	157-005

**ALL AVAILABLE WITH
PNEUMATIC TYRES
IDEAL FOR USE ON
ROUGH SURFACES**

**FULL TROLLEY KITS
AVAILABLE ON
REQUEST**





Section 5

Abrasives

CONTENTS

Slitting, Cutting and Grinding Discs	P90 - 91
Specialist Cutting Discs	P82
Spirabands & Accessories	P93
Sanding Discs	P94 - 97
Flap Discs	P97 - 98
Flap Wheels, Clean & Strip Discs	P99
Abrasive Rolls & Belts	P100
Emery Rolls & Sheets	P101
Wire Brushes	P102
Bench Grinding	P103
Polishing	P104

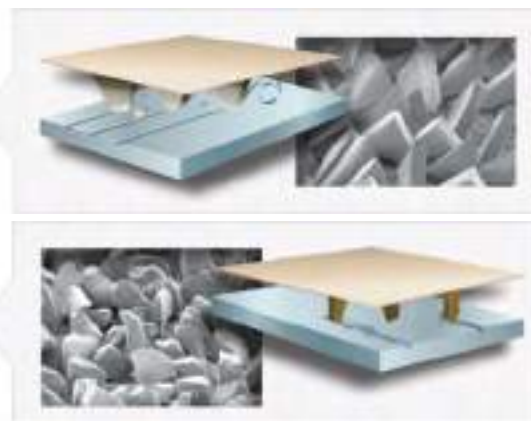
Cutting & Grinding Discs



Aligned to Grind Faster, Cooler, Longer

The precision-shaped grain in 3M™ Cubitron™ II grinding wheels continuously fracture to form sharp points and edges – slicing cleaner and faster, staying cooler, and lasting many times longer.

Conventional ceramic abrasive grain is irregular in shape. Instead of a clean, machining action, the grain “plows” through the metal, causing heat build-up, slower cutting and shorter life.



Cut faster | Require less pressure for easier use | Last longer
DARE TO WEAR IT OUT

3M™ CUBITRON™ II CUT-OFF WHEELS

Exceptionally fast-cutting and a long-lasting wheel for use on almost all materials, including stainless steels, alloy steels and cast iron. 25 discs per pack.

SIZE	MAX RPM	CODE
115mm x 1.0mm x 22.23mm	13,300	305-009
115mm x 1.6mm x 22.23mm	13,300	305-010
125mm x 1.0mm x 22.23mm	12,200	305-011
125mm x 3.0mm x 22.23mm	12,200	305-012
125mm x 2.0mm x 22.23mm	12,200	305-013
230mm x 2.0mm x 22.23mm	8,500	305-016
180mm x 2.0mm x 22.23mm	8,500	305-015
230mm x 2.0mm x 22.23mm	6,650	305-014
230mm x 2.5mm x 22.23mm	6,650	305-017



3M™ CUBITRON™ II CUT & GRIND WHEEL T27

Premium performance wheel for all cutting, grinding and back gouging applications with fast cut and long life. 10 discs per box.

3M precision-shaped grain for ultra fast cut and long life
Specially formulated for use on stainless and mild steel
Cool cutting for a higher quality and faster cut



SIZE	MAX RPM	CODE
100 (4") x 4.2 x 15.88mm	15,300	306-010
115 (4½") x 4.2 x 22.23mm	13,300	306-015
125 (5") x 4.2 x 22.23mm	12,250	306-016
150 (6") x 4.2 x 22.23mm	10,200	306-018
180 (7") x 4.2 x 22.23mm	8,500	306-020
230 (9") x 4.2 x 22.23mm	6,650	306-021

3M™ CUBITRON™ II DEPRESSED CENTRE GRINDING WHEELS T27

Premium performance discs designed for the toughest jobs like beveling, scale removal and weld leveling. These cool-cutting wheels can remove the same amount of material with less pressure required, for ease of use. 10 discs per box.

3M precision shaped grain for ultra fast cut and long life
Specially formulated for use on stainless and mild steel
Cool cutting for a higher quality and faster cut

SIZE	MAX RPM	CODE
115 (4½") x 7 x 22.23mm	13,300	315-510
125 (5") x 7 x 22.23mm	12,250	315-509
180 (7") x 7 x 22.23mm	8,500	315-493
230 (9") x 7 x 22.23mm	6,650	315-494



For further information email us at sales@elmbidgeuk.com

Slitting, Cutting and Grinding Discs



ABRACS PROFLEX METAL SLITTING DISCS

General purpose metal cutting & grinding discs for heavy duty applications. Good cutting speed and long life discs.

SIZE	CODE
100 (4") x 16 x 1.0mm	319-017
125 (5") x 22 x 1.0mm	319-008
115 (4 1/2") x 22 x 1.6mm	319-010
125 (5") x 22 x 1.6mm	319-011
230 (9") x 22 x 1.8mm	319-004



SAIT PLANET METAL SLITTING DISCS

General purpose metal cutting & grinding discs for heavy duty applications. Good cutting speed and long life discs.

SIZE	CODE
100 (4") x 16 x 1.0mm	312-001
125 (5") x 22 x 1.0mm	312-002
125 (5") x 22 x 1.6mm	312-003
230 (9") x 22 x 2.0mm	312-101
350 (14") x 25 x 2.8mm	312-100



RASTA METAL SLITTING DISCS

General purpose metal cutting & grinding discs for heavy duty applications. Good cutting speed and long life discs.

SIZE	CODE
115 (4 1/2") x 22 x 1.0mm	312-330
125 (5") x 22 x 1.0mm	312-335
230 (9") x 22 x 2.0mm	312-347

ABRACS PROFLEX METAL CUTTING DISCS

SIZE	CODE
100 (4") x 16 x 3.0mm	319-015
115 (4 1/2") x 22 x 3.0mm	319-002
125 (5") x 22 x 3.0mm	319-012
230 (9") x 22 x 3.0mm	319-003
300 (12") x 20 x 3.5mm	323-036

SAIT PLANET METAL CUTTING DISCS

SIZE	CODE
100 (4") x 16 x 3.0mm	312-200
115 (4 1/2") x 22 x 3.0mm	312-201
125 (5") x 22 x 3.0mm	312-202
180 (7") x 22 x 3.0mm	312-203
230 (9") x 22 x 3.0mm	312-204
300 (12") x 20 x 3.5mm	312-320
300 (12") x 22 x 3.5mm	312-322

RASTA METAL CUTTING DISCS

SIZE	CODE
115 (4 1/2") x 22 x 2.5mm	312-206
230 (9") x 22 x 3.0mm	312-218
300 (12") x 20 x 3.2mm	311-001
350 (14") x 25 x 3.5mm	312-221

ABRACS PROFLEX METAL GRINDING DISCS

SIZE	CODE
100 (4") x 22 x 6.0mm	319-016
115 (4 1/2") x 22 x 6.0mm	319-006
125 (5") x 22 x 6.0mm	319-014
178 (7") x 22 x 6.0mm	319-018
230 (9") x 22 x 6.0mm	319-007

SAIT PLANET METAL GRINDING DISCS

SIZE	CODE
100 (4") x 22 x 6.0mm	322-001
115 (4 1/2") x 22 x 6.0mm	322-002
125 (5") x 22 x 6.0mm	322-003
180 (7") x 22 x 6.0mm	322-004
230 (9") x 22 x 6.0mm	322-005

RASTA METAL GRINDING DISCS

SIZE	CODE
100 (4") x 22 x 6.0mm	312-310
115 (4 1/2") x 22 x 6.0mm	312-311
125 (5") x 22 x 6.0mm	312-312
180 (7") x 22 x 6.0mm	312-315
230 (9") x 22 x 6.0mm	312-313

GRINDERS CAN BE FOUND ON
PAGES 106 - 107



**SPECIAL SIZE
CUTTING DISCS
AVAILABLE TO ORDER**

**PLEASE CONTACT
OUR SALES TEAM IF
THE SIZE YOU REQUIRE
IS NOT LISTED**

Not sure what you need? Call us on 01452 525757

Specialist Cutting Discs



EUROCUT RAIL CUTTING DISCS

Cut off wheels for rail applications by Eurocut.

SIZE	CODE
355 (14") x 5 x 25.4mm	311-200
402 (16") x 5 x 25.4mm	311-210



SAIT METAL CUTTING DISCS

For heavy duty applications, good cutting speed, long life.

TYPE	SIZE	CODE
A24R - BF	500 x 5 x 40mm	310-204
A36R - BF	500 x 5 x 40mm	310-203



STONE CUTTING DISCS

General purpose stone cutting discs which are suitable for normal building materials, concrete and hard cast iron. Good cutting speed and long life disc.

SIZE	CODE
RASTA 115 (4 1/2") x 2.5 x 22.23mm	312-632
RASTA 125 (5") x 2.5 x 22.23mm	312-633
SAIT PLANET 230 (9") x 3.2 x 22.23mm	316-001
ABRACS PROFLEX 300 (12") x 3.5 x 20mm	323-035



STONE GRINDING DISCS

General purpose grinding discs for stone applications. Suitable for use on normal building materials, concrete and hard cast iron.

SIZE	CODE
SAIT 115 (4 1/2") x 6.0 x 22.23mm	325-104
PHOENIX 230 (9") x 6.0 x 22.23mm	325-109



ABRASIVE LUBRICANT TRENDIWAX

When cutting metal and abrasive materials, TrendiWax lubricant will extend a blades life by keeping the blade cool at the cutting point. Simply use the TrendiWax lubricant stick at regular intervals, applying it directly onto the teeth of the stationary blade.

CODE
520-002



3M™ GREEN CORPS™ FLEXIBLE GRINDING WHEEL KITS

Gives a fast cut with smooth finish, eliminating several process steps. Contributes to a reduction in hand-arm vibration levels due to its thin, flexible construction. Suitable for weld grinding, de-scaling, heavy deburring, deflashing of flame-cut parts on metal.

SIZE	MAX RPM	CODE
115 (4 1/2") x 3 x 22mm	13000	361-630
125 (5") x 3 x 22mm	12000	361-634
180 (7") x 3 x 22mm	8000	361-638

Spirabands & Accessories

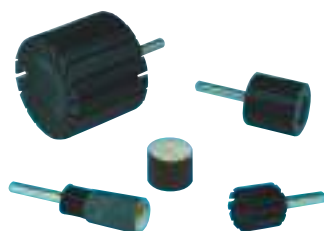


**SAFETY SPECTACLES
ARE LOCATED ON PAGES
152 - 153**

SPIRABANDS

Zirconium Spirabands specially bonded on tear resistant cloth. Ideal for use on hard metals such as steel, iron and high alloys. More grits and sizes available on request.

SIZE	P36	P50	P60	P80
	CODE	CODE	CODE	CODE
13 x 25	356-204	356-201	356-202	356-203
19 x 25	356-020	356-022	356-023	356-303
25 x 25	356-001	356-002	356-003	356-004
30 x 30	356-101	356-102	356-103	356-104
50 x 25	356-501	356-506	356-502	356-503



SPIRABAND HOLDERS

Rubber holders for spirabands. Price per unit.

SIZE	CODE
13 x 25	355-007
19 x 25	355-008
25 x 25	355-002
50 x 25	355-004
30 x 30	355-003
60 x 30	355-005
75 x 30	355-006



FLEXIBLE BACKING PADS

Speed tested nylon backing pad for sanding discs and standard angle grinders. Ultra flexible and hard wearing, supplied complete with nut. Price per unit.

SIZE	CODE
20015 100 (4") x 16mm / M10 x 1.25	371-200
20020 100 (4") x 16mm / M10 x 1.50	371-201
20030 90 (4") / x 24 UNF	371-202
20115 115 (4½") x 16mm / M14 x 2.0	371-203
20210 125 (5") x 22mm / M14 x 2.0	371-204
20310 178 (7") x 22mm / M14 x 2.0	371-205

PIN SPANNERS

For use with locknuts on angle grinders when fitting or removing abrasive disc.



DESCRIPTION (DISTANCE, DIAMETER, COLOUR)	CODE
20mm x 4mm Green	371-300
23mm x 5mm Brown	371-301
28mm x 4mm Yellow	371-302
30mm x 4mm White	371-303
35mm x 5mm Red	371-304
35mm x 5mm Zinc	371-305
20mm x 35mm Adjustable Spanner	371-306

Sanding Discs



3M 581C ZIRCONIUM SANDING DISC - Z

Good performance and a consistent quality finish at an economical price. Can be used on all metals for grinding and finishing weld seams, containers, machine parts, steel construction, industrial maintenance, general sheet metal and workshop applications. Box quantity 100.

SIZE	CODE
100 (4") x 16 x P36	305-030
100 (4") x 16 x P60	305-031
115 (4½") x 22 x P36	305-032
115 (4½") x 22 x P60	305-033
115 (4½") x 22 x P80	305-034
115 (4½") x 22 x P120	305-035
125 (5") x 22 x P36	305-036
125 (5") x 22 x P60	305-037
180 (7") x 22 x P36	305-038
180 (7") x 22 x P80	305-039



SAIT ZIRCONIUM SANDING DISC

Zirconia abrasive sanding disc with highly active additives. High performance and high abrasive power. Low clogging and low overheating. Box quantity 100.

SIZE	CODE
100 (4") x 16 x P36	302-301
100 (4") x 16 x P50	302-302
100 (4") x 16 x P60	302-303
100 (4") x 16 x P80	302-304
115 (4½") x 22 x P36	303-100
115 (4½") x 22 x P50	303-101
115 (4½") x 22 x P60	303-102
115 (4½") x 22 x P80	303-103
125 (5") x 22 x P36	303-200
125 (5") x 22 x P50	303-201
125 (5") x 22 x P60	303-202
125 (5") x 22 x P80	303-203
180 (7") x 22 x P36	303-300
180 (7") x 22 x P50	303-301
180 (7") x 22 x P60	303-302
180 (7") x 22 x P80	303-303



SAIT ALUMINIUM OXIDE SANDING DISC

A fast and aggressive abrasive sanding disc in aluminium oxide with high abrasive power. Box quantity 100.

SIZE	CODE
100 (4") x 16 x P36	300-001
100 (4") x 16 x P50	300-002
100 (4") x 16 x P60	300-003
100 (4") x 16 x P80	300-004
100 (4") x 16 x P120	300-005
115 (4½") x 22 x P24	300-100
115 (4½") x 22 x P36	300-101
115 (4½") x 22 x P50	300-102
115 (4½") x 22 x P60	300-103
115 (4½") x 22 x P80	300-104
115 (4½") x 22 x P120	300-105
125 (5") x 22 x P24	300-200
125 (5") x 22 x P36	300-201
125 (5") x 22 x P80	300-202
180 (7") x 22 x P36	300-297
180 (7") x 22 x P50	300-298
180 (7") x 22 x P60	300-299
180 (7") x 22 x P80	300-301
180 (7") x 22 x P120	300-302



SAIT SPECIAL ALUMINUM OXIDE SANDING DISC

Very fast abrasive sanding disc in special aluminium oxide with active additives for accurate sanding and finishing. Low overheating and clogging properties for stainless steels. 100 discs per box.

SIZE	CODE
100 (4") x 16 x P36	301-001
100 (4") x 16 x P80	301-002
100 (4") x 16 x P120	301-003
115 (4½") x 22 x P36	301-100
115 (4½") x 22 x P50	301-101
115 (4½") x 22 x P60	301-102
115 (4½") x 22 x P80	301-104

Sanding Discs



INTERGRIND ZIRCONIUM SANDING DISC

Good performance and a consistent quality finish at an economical price.

SIZE	CODE
115 (4½") x 22 x P36	305-132
115 (4½") x 22 x P60	305-133



SIABITE 4570 X

The fibre disc for the coolest grinding with new and unique X-Technology.

Thanks to innovative X-Technology, the 4570 siabite fibre disc brings you considerably cooler grinding with a long service life and a consistent performance on stainless steel and mild steel. With new and unique X-Technology, an active cooling aid is applied directly to the top level, which enhances cooling and minimises discolouration.

Advantages:
Cool cut
Uniform cutting performance
Long lifetime
Fine surface finish

Metal Application:
Unalloyed/ low-alloy steel
High-alloy steel
Other hard-grind metals
Aluminium

Pack of 100.

SIZE	CODE
115 (4½") x 22 x P36	306-003

SAIT DISC 7S

Fibre sanding discs. High-performance abrasive sanding disc with high concentration of ceramic abrasive.

Metal Application:
Ferrous metal
Steels
Carbon Steels

Pack of 100.

SIZE	CODE
115 (4½") x 22 x P36	303-104



SAIT SP-DQ 110 FLEXIBLE BACKING PADS

Flat plastic backing pad with high Flexibility.

SIZE	CODE
115 (4½") x 16mm / M14 x 2.0	371-100

GRINDERS

CAN BE FOUND ON
PAGES 106 - 107



Sanding Discs

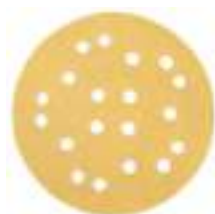
MIRKA GOLD GRIP SANDING DISCS

This durable, all-round sanding material is very well suited for high speed sanding in a multitude of applications. Gold features semi-open and special stearate coatings designed to prevent clogging and pill forming which helps achieve an optimal sanding result.



150MM 6+1 HOLES, VELCRO

GRIT	PACK SIZE	CODE
40	x 50	357-755
60	x 50	357-756
80	x 100	357-757
100	x 100	357-758
120	x 100	357-759
150	x 100	357-760
180	x 100	357-761
220	x 100	357-762
240	x 100	357-763
280	x 100	357-764
320	x 100	357-765
400	x 100	357-766
500	x 100	357-767



125MM - 19 HOLE VELCRO

GRIT	PACK SIZE	CODE
80	x 100	357-102
120	x 100	357-103
180	x 100	357-104
240	x 100	357-105
320	x 100	357-106
400	x 100	357-107
500	x 100	357-108



150MM - PLAIN, VELCRO

GRIT	PACK SIZE	CODE
40	x 50	357-039
80	x 100	357-040
120	x 100	357-042
150	x 100	357-043
180	x 100	357-044
240	x 100	357-045
320	x 100	357-046
400	x 100	357-047



150MM - 9 HOLES, VELCRO

GRIT	PACK SIZE	CODE
40	x 50	357-775
60	x 50	357-776
80	x 100	357-777
100	x 100	357-778
120	x 100	357-779
180	x 100	357-781
240	x 100	357-782
320	x 100	357-783
400	x 100	357-784



150MM - 17 HOLES, VELCRO

GRIT	PACK SIZE	CODE
40	x 50	357-501
60	x 50	357-502
80	x 100	357-503
100	x 100	357-504
120	x 100	357-505
150	x 100	357-506
180	x 100	357-507
220	x 100	357-508
240	x 100	357-509
320	x 100	357-510
400	x 100	357-511

**OTHER STYLES AND GRITS
AVAILABLE**

For further information email us at sales@elmbidgeuk.com

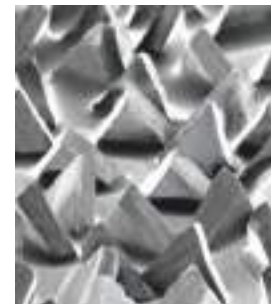
Sanding & Flap Discs

3M CUBITRON II

ABRASIVES

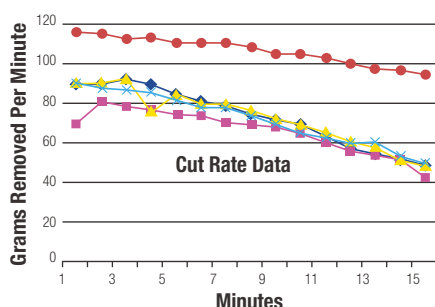
3M™ CUBITRON II FIBRE DISC 982C

Dare to wear it out. Cubitron II fibre discs are made with revolutionary 3M precision-shaped ceramic grain technology, engineered with ultra-sharp, fast cutting points that wear evenly, run cool and optimise mineral breakdown to maximise disc life. Resin bond, fibre backed sanding discs. Optimised for carbon steel, ideal for applications including weld grinding, beveling, flame-cut edge cleanup and deburring. Box quantity 25.

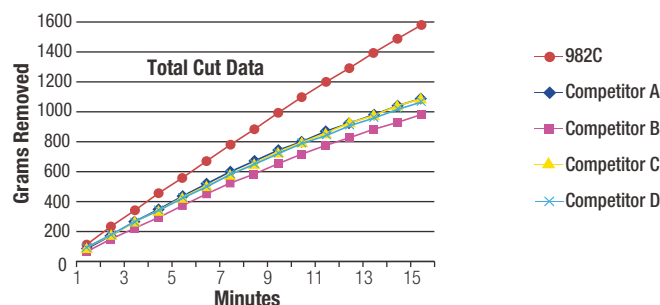


SIZE	GRADE	MOS MAX RPM	CODE
100mm x 16mm	36+	13,300	305-020
100mm x 16mm	60+	13,300	305-021
100mm x 16mm	80+	13,300	305-019
115mm x 22mm	36+	13,300	305-022
115mm x 22mm 4 Slots	60+	13,300	305-023
115mm x 22mm 4 Slots	80+	13,300	305-024
127mm x 22mm	36+	12,000	305-025
127mm x 22mm 4 Slots	60+	12,000	305-027
127mm x 22mm 4 Slots	80+	12,000	305-026
180mm x 22mm	36+	8,600	305-028
180mm x 22mm 4 Slots Thermoformed	60+	8,600	305-060
180mm x 22mm 4 Slots Thermoformed	80+	8,600	305-061

Faster Cut!



Longer Life!



3M™ CUBITRON™ II FLAP DISC (CONICAL) 967A

This premium flap disc contains precision shaped grain for ultra fast cut and long life. Versatile, all purpose polycotton backing works great for common carbon and stainless steel metalworking applications such as weld removal, edge chamfering, and beveling. Price per disc.

SIZE	GRADE	MOS MAX RPM	CODE
115mm	40+	13,300	307-001
115mm	60+	13,300	307-003
115mm	80+	13,300	307-004
125mm	40+	12,200	307-010
125mm	60+	12,200	307-013
125mm	80+	12,200	307-014
180mm	40+	8,600	307-021
180mm	60+	8,600	307-023
180mm	80+	8,600	307-024



Not sure what you need? Call us on 01452 525757

www.elmbridgeuk.com

Flap Discs



WOLFRAM ZIRCONIUM FLAP DISCS - ABRADE 304

A cost effective flap disc with excellent abrasive qualities. Wolfram discs are durable and feature two tier sanding sheets in a range of different grades.

SIZE	GRADE	CODE
115mm	Z40	341-007
115mm	Z60	341-008
115mm	Z80	341-009
115mm	Z120	341-010



WOLFRAM ZIRCONIUM FLAP DISCS - TURBO 203

Premium Wolfram quality flap discs for long life and durability. Features 3 tier sanding sheets, 'stay cool' turbo fans which extend working life and direct-to-grinder fastening (M14 thread).

SIZE	GRADE	CODE
115mm	Z40	341-004
115mm	Z60	341-005
115mm	Z80	341-006



DRONCO 115MM ZIRCONIUM FLAP DISCS

Reasonably priced, zirconium corundum glass fibre backed, tapered flap discs for grinding surfaces of mild and stainless steel.

SIZE	GRADE	CODE
115mm	P40	343-001
115mm	P60	343-002
115mm	P80	343-003
115mm	P120	343-004



3M 556 FLAP DISCS

Economical general purpose alumina zirconia flap disc for use in applications where stock removal below the surface is required E.g. removing deep pitting and imperfections.

SIZE	GRADE	CODE
100 x 22mm	P40	344-058
115 x 22mm	P40	344-062
115 x 22mm	P60	344-063
125 x 22mm	P40	344-066
125 x 22mm	P60	344-067
180 x 22mm	P40	344-070



RASTA ZIRCONIUM FLAP DISCS

Conical type for grinding at an angle of 15-25°. Suitable for a range of materials including steel, stainless steel, non ferrous metals, cast iron, plastics and wood. Used for deburring, edge dressing, welds, rust removal, cleaning, high quality zirconium flaps and fast stock removal. Constant performance with long life, low noise and low vibration.

SIZE	GRADE	CODE
115mm (4½")	P40	345-001
115mm (4½")	P60	345-002
115mm (4½")	P80	345-003
115mm (4½")	P120	345-004



INTERGRIND 115MM CERAMIC FLAP DISCS

Premium quality ceramic grain abrasives for long life, high stock removal processes and hard to reach areas. Suitable for use on a range of materials, even stainless steel.

SIZE	GRADE	CODE
115mm	P40	319-049
115mm	P60	319-048

For further information email us at sales@elmbridgeuk.com

Flap Wheels, Clean & Strip Discs

SPINDLE MOUNTED FLAP WHEELS



Industrial aluminium oxide abrasive flap discs mounted on a 6mm shank. Recommended for rust removal, weld seam grinding and fettling in hard-to-reach areas. Other sizes available.

SIZE	P40	P60	P80
	CODE	CODE	CODE
40 x 15 x 6mm	354-001	354-002	354-003
50 x 20 x 6mm	354-005	354-006	354-007
80 x 30 x 6mm	354-008	354-009	354-028
80 x 50 x 6mm	354-010	354-011	354-015

NON-WOVEN SPINDLE MOUNTED FINISHING FLAP WHEELS

Ideal for bending, cleaning and finishing and the removal of surface contaminants without changing dimensional details or gouging the workpiece. Price per wheel.

SIZE	COARSE	MEDIUM	FINE
	CODE	CODE	CODE
50 x 50 x 6mm	354-080	354-081	354-082
75 x 50 x 6mm	354-085	354-086	354-087



3M SCOTCH-BRITE™ GP BLUE DISC

Ideal for pre and post-weld, general purpose cleaning where more flexibility is required for rust, paint and coatings removal. Offers long life and improved cut rate with spindle mounted or fibre backed for use with angle grinders.

DESCRIPTION	CODE
Rigid Disc CG-DC 100mm x 13mm	361-021
Spindle Mounted CG-ZS 100mm x 13mm x 6mm	361-001
Spindle Mounted CG-ZS 150mm x 13mm x 8mm	361-003
Spindle Mounted CG-ZS 150mm x 25mm x 8mm	361-010



3M SCOTCH-BRITE™ GP PURPLE DISC

Pre and post-weld cleaning in metal fabrication applications; removal of rust and other coatings. Stiffer construction means superior performance in heavier duty applications.

DESCRIPTION	CODE
Spindle Mounted XT-ZS 100mm x 13mm x 6mm	361-009
Spindle Mounted XT-ZS 150mm x 25mm x 8mm	361-002

3M ROLOC™ SURFACE CONDITIONING DISC

Scotch-Brite web enables simultaneous blending and finishing, reducing process time. Features 3M Roloc quick release system for quick and easy disc change. Highly durable for aggressive applications. Great for edge deburring applications.



SIZE	GRIT GRADE	CODE
50mm x 3mm maroon	AMED Medium	362-020
50mm x 3mm light brown	ACRS Coarse	362-021
75mm x 4mm blue	AVFN Fine	362-006
75mm x 4mm maroon	AMED Medium	362-007
75mm x 4mm light brown	ACRS Coarse	362-001
75mm x 4mm black	Super Fine	362-002

Abrasive Rolls & Belts

ABRASIVE BELTS

A wide range of heavy duty clothed backed abrasive belts suitable for use with hand and machine tools. Aluminium oxide, zirconium and ceramic belts available for many different applications. Standard grits include 40, 60, 80, 120, 240 & 320.



ANY SIZE BELTS AVAILABLE ON REQUEST.



TRIZACT BELTS

Ideal for fine finishing on metal including high precision and cosmetic/visual finishing. Not suitable for stock removal applications. Grades A45 through to A300 available. Size to be specified when ordering.

SCOTCH BRITE SURFACE CONDITIONING BELT

Surface conditioning belt for re-graining and blending. Available for hand tool and machine tool use. Various sizes available in coarse, medium and fine grades.

CALL TODAY FOR A COMPETITIVE QUOTATION



SCOTCH-BRITE LAP MOPS

Designed to be mounted on a tapered spindle, these products are flexible and conformable. Available in two long-life grades for a variety of applications. Satin finishing and light deburring of shaped components.



SCOTCH-BRITE ROLLS

As 'Scotch-Brite Hand Pads' but easy to cut to desired lengths for hand sanding or use with orbital sanders.

DESCRIPTION	GRADE	CODE
Maroon 100 x 6mm	AVFN Fine	361-964
Maroon 100 x 6mm	AMED Medium	361-965
Maroon 150 x 6mm	AVFN Fine	361-968
Maroon 150 x 6mm	AMED Medium	361-969

DESCRIPTION	GRADE	CODE
Maroon 100mm x 10m	Medium	364-002
Grey 100mm x 10m	Fine	364-001
Maroon 150mm x 10m	Medium	364-004
Grey 150mm x 10m	Fine	364-003

For further information email us at sales@elmbridgeuk.com

Emery Rolls & Sheets

3M SCOTCH-BRITE HAND PADS

Flexible, conformable Scotch-Brite web produces a consistent, repeatable finish without altering the geometry of the workpiece. Applications include deburring, cleaning, blending, finishing and polishing.

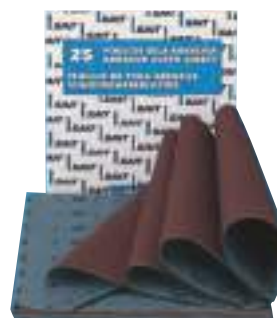
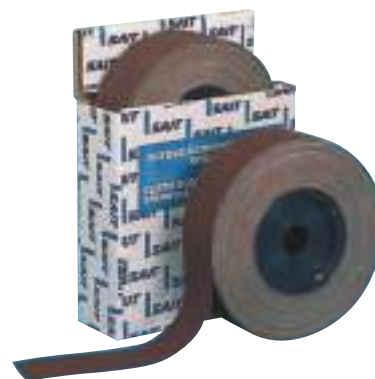
SIZE	COLOUR	GRADE	CODE
155 x 225mm	Green	Extra Fine	363-004
155 x 225mm	Grey	Fine	363-003
155 x 225mm	Maroon	Medium	363-002
155 x 225mm	Brown	Coarse	363-001



EMERY CLOTH ROLLS

Flexible full resin bonded aluminium oxide cloth for hand operations.

	25MM X 50M	50MM X 50M	100MM X 50M
	CODE	CODE	CODE
P40	352-001	352-101	352-201
P60	352-002	352-102	352-202
P80	352-003	352-103	352-203
P120	352-004	352-106	352-204
P150	352-005	352-107	352-205
P180	352-006	352-108	352-008
P240	352-007	352-104	352-009



WET & DRY EMERY SHEETS

Full resin bonded silicon carbide abrasive paper with latex closed structure. For hand operations in car industry and body shops. Suitable for wet & dry use.

230MM X 280MM	CODE
P80	350-001
P100	350-002
P120	350-003
P150	350-004
P180	350-005
P240	350-006
P320	350-007
P400	350-008
P500	350-009
P600	350-010
P800	350-011
P1000	350-012
P1200	350-013

EMERY SHEETS

Flexible full resin bonded aluminium oxide cloth for hand operations.

230MM X 280MM	CODE
P40	351-001
P60	351-002
P80	351-003
P100	351-004
P120	351-005
P150	351-006
P240	357-007

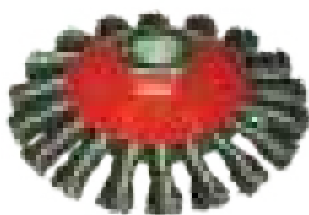
BELT GRINDERS
CAN BE FOUND ON
PAGE 117



Wire Brushes

ROTARY WIRE BRUSHES

Professional quality wire brushes available in all the popular sizes to cover most applications, at very competitive prices. Other types and sizes available on request.



TWIST KNOT BEVEL BRUSH

Aggressive twist knot brush for heavy duty applications such as weld seams and deburring.

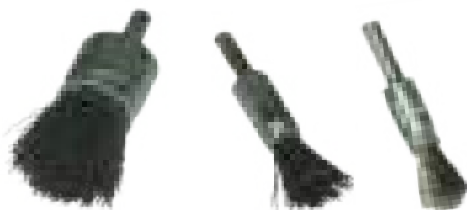
SIZE	CODE
115mm Ø x M14 thread	513-400



CIRCULAR ROTARY CRIMPED WIRE BRUSH

Aggressive rotary crimped wire brush for heavy duty applications such as weld seams and deburring.

SIZE	CODE
150 Ø x 20mm thick	513-102
200 Ø x 20mm thick	513-105



SHAFT MOUNTED FLAT END BRUSH

Crimped wire brushes with flat ends.

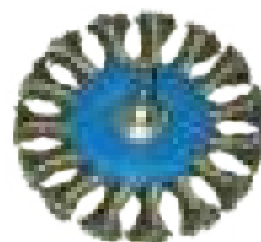
SIZE	CODE
12mm Ø x 6mm shaft	513-612
17mm Ø x 6mm shaft	513-617
25mm Ø x 6mm shaft	513-625



TWIST KNOT CUP BRUSH

Suitable for angle grinders and specialist machines. Sturdy and aggressive.

SIZE	CODE
65mm Ø x M10 thread	513-500
65mm Ø x M14 thread	513-501
120mm Ø x M14 thread	513-503



SHAFT MOUNTED CIRCULAR WIRE BRUSH

For use with drills and die grinders.

SIZE	CODE
75mm Ø x 6mm shaft	513-801



CRIMPED WIRE CUP BRUSH

For angle grinders and specialist machines. Ideal for surface preparation, polishing and cleaning.

SIZE	CODE
75mm Ø x M14 thread	513-603
100mm Ø x M14 thread	513-601

MANY MORE SHAPES AND SIZES
AVAILABLE ON REQUEST.

**FOR HAND
WIRE BRUSHES
SEE PAGE 10**

For further information email us at sales@elmbridgeuk.com

Bench Grinding



INDUSTRIAL BENCH GRINDER

Compact design bench grinder with powerful induction motor for general workshop use.

Supplied with eye shields, spark arrestors and tool rests.
Fully CE approved electrics for operator safety.
Supplied with coarse and fine aluminous oxide grinding stones for general workshop grinding and sharpening.

DESCRIPTION	CODE
BG150 (6")	760-150
BG200 (8")	760-160



GRINDING WHEELS

These vitrified grinding wheels are suitable for use on most types of bench grinders.

Supplied with bore reducing bushes and will fit bench grinders with the following sizes: 19.05mm & 12.77mm.

Aluminium Oxide (Coarse, Medium and Fine Grit Grades) - For normal grinding of ferrous metals.

Green - Silicon carbide for grinding tungsten carbide and non-ferrous metal.

SIZE	150MM Ø X 16MM THICK	150MM Ø X 20MM THICK	200MM Ø X 20MM THICK	200MM Ø X 25MM THICK
	CODE	CODE	CODE	CODE
Coarse	510-001	510-004	510-007	510-010
Medium	510-002	510-005	510-008	510-011
Fine	510-003	510-006	510-009	510-012
Green Grit	510-013	510-014	510-015	510-016

WHEEL DRESSER

Designed for dressing, truing, sharpening and removing glaze from solid abrasive grinding wheels.

Suitable for wheels up to 20in

Heat treated body with powder coated finish.

Cast iron handle ergonomically designed for a comfortable grip.

Cutters have star shaped teeth that expose new grains and thus provide a fresh surface on the wheels.

DESCRIPTION	CODE
Wheel Dresser	510-020
Replacement Wheel	510-021



Polishing



CALICO MOP

Calico mop for use with polishing compounds.

SIZE	CODE
4" Ø x 1" Unstitched	512-001
6" Ø x 1" Unstitched	512-009
8" Ø x 1" Unstitched	512-002



STITCHED SISAL MOP

Sisal mop for use with polishing compounds.

SIZE	CODE
4" Ø X 2 Section	512-042
6" Ø x 2 Section	512-062



POLISHING COMPOSITIONS

High quality compositions for rapid polishing and fine bright finishing operations. 750g bars.

TYPE	DESCRIPTION	CODE
Lustre - Brown	A high quality Tripoli composition that combines fineness of finish with rapid working in the polishing of all non-ferrous metals and plastics. After polishing, articles are easily cleaned prior to plating or lacquering	512-004
Hyfin - White	An excellent composition for the final polishing of stainless steel	512-005
Steelcut - Grey	A fast cutting composition for a bright finish on steel and stainless steel as well as the initial abrasive finishing of non-ferrous metals	512-006



RUBBING BLOCKS

Flexible hand sanding blocks made from resilient rubber filled evenly throughout with hard aggressive grit. Garryflex blocks are ideal for cleaning and polishing all metals and ceramics.

COLOUR	GRADE	CODE
Brown	Fine	353-001
Grey	Medium	353-002
Blue	Coarse	353-003
Wine	Extra Coarse	353-004



STEEL WIRE WOOL

Industrial quality steel wool for surface preparation and finishing.

GRADE	CODE
Fine - 220g	895-001
Medium - 220g	895-002
Coarse - 450g	895-003

For further information email us at sales@elmbridgeuk.com



Section 6

Power Tools

CONTENTS

Angle Grinders	P106 - 107
Die Grinders	P107
Cutting Saws	P108 - 109
Metal Working Tools	P110
Rotary Drills	P111
Cordless Drills & Impact Wrenches	P112
Mag Base Drills	P113 - 114
Drilling / Cutting Machinery	P115
Bandsaw Machinery	P116
Grinding / Metal Working	P117
Rolling / Beveling	P118

Angle Grinders

Heavy duty range of industrial angle grinders. High wattage motors for long life expectancy, lightweight and easy to use. Available with anti vibration handles on front and rear and available in 110V or 240V. Standard equipment: Anti-rotation protective guard.

Makita



	GA4030R 100MM	GA4530R 115MM	GA5030R 125MM	GA9020 230MM
Standard equipment:	Wheel, wrench and side handle.	Wheel, wrench, side handle.	Wheel, wrench, side handle.	Lock nut wrench, side handle, wheel guard.
Wheel size	100mm (4")	115mm (4½")	125mm (5")	230mm (9")
Bore size	16mm	22.23mm	22.23mm	22mm
No load speed	11,000rpm	11,000rpm	11,000rpm	6,600rpm
Input wattage	720W	720W	720W	2,000W
Net weight	1.7kg	1.8kg	1.9kg	5.8kg
VOLTAGE	CODE	CODE	CODE	CODE
110v	700-100	701-100	702-100	705-100
240v	700-101	701-101	702-101	705-101

BOSCH



	GWS-7-100	GWS-9-115 P	GWS-11-125	GWS-22-180 H	GWS-22-230 LV1
Advantages	Smallest grip, flat gear head.	Ergonomic shape, direct cooling, left or right handle, 90° rotating gear head.		Powerful motor, Low weight, armored coils, double-sealed ball bearings, sturdy gearing.	
Wheel size	100mm (4")	115mm (4½")	125mm (5")	180mm (7")	230mm (9")
Wire cup brush size	70mm	75mm	75mm	-	-
Grinding spindle thread	M10	M14	M14	M14	M14
No load speed	11,000rpm	11,500rpm	11,500rpm	8,500rpm	6,500rpm
Input wattage	720W	900W	1,100W	2,200W	2,200W
Net weight	1.8kg	2.1kg	2.2kg	5.0kg	5.4kg
VOLTAGE	CODE	CODE	CODE	CODE	CODE
110V	700-001	701-003	702-004	704-005	705-001
240V	700-002	701-004	702-002	704-004	705-002

WE SUPPLY ALL RANGES OF POWER TOOLS INCLUDING:

DEWALT

HITACHI
Inspire the Next



BOSCH

Makita

For further information email us at sales@elmbridgeuk.com

Angle Grinders & Die Grinders


Makita

DGA452RJM 18V LXT 115MM ANGLE GRINDER

Comes with: Lock nut, side grip, grinding wheel, battery cartridges, fast charger, carry case.

Wheel Diameter	115mm (4½")
Bore Diameter	22.23mm
Max wheel thickness	6mm
No load speed	10,000rpm
Switch type	Slide
Net weight	2.0kg

DESCRIPTION	CODE
Body + 2 x 18V Li-ion	702-202


BOSCH

GWS 18 V-LIANGLE GRINDER

Benefits from innovative CoolPack batteries, Bosch electronic cell protection, Bosch electronic motor protection and comes with anti-rotation protective guard, left or right handle, 90° rotating gear head.

Bore Diameter	M14
Battery voltage	18V
Wheel Diameter	115mm
No load speed	10,000rpm
Weight inc. battery	2.3kg

DESCRIPTION	CODE
Body + 2 x 18V Li-ion batteries	703-118


Makita

GD0600 DIE GRINDER

Standard equipment:	2 x 13mm hex wrench, 6mm collet cone
Collet capacity	6mm
No load speed	25,000rpm
Input wattage	400W
Net weight	1.7kg

VOLTAGE	CODE	CODE
110V	760-100	760-810
240V	760-101	760-824



GD0800 C DIE GRINDER

Wrenches 13mm and 19mm, 6mm collet cone
8mm
GD0800C: 7,000 - 28,000rpm
750W
1.8kg

SANDING DISCS
CAN BE FOUND ON
PAGES 94 - 97



Cutting Saws


Makita
EK6100 12" PETROL DISC CUTTER

Max cutting depth	110mm
Max wheel diameter	305mm (12")
Arbor	20mm
Engine	2-Stroke
Horsepower	4.2hp
Tank capacity	0.7 litres
Vibration	3.6m/s ² front handle; 3.7m/s ² rear handle
Dry weight	8.5kg

EK7301 14" PETROL DISC CUTTER

Max cutting depth	122mm
Max wheel diameter	355mm (14")
Arbor	25.4mm
Engine	2-Stroke
Horsepower	5.1hp
Tank capacity	1.1 litres
Vibration	7.0m/s ² front handle; 4.9m/s ² rear handle
Dry weight	10.1kg

EK8100 16" PETROL DISC CUTTER

Max cutting depth	147mm
Max wheel diameter	405mm (16")
Arbor	25.4mm
Engine	2-Stroke
Horsepower	6.0hp
Tank capacity	1.1 litres
Vibration	7.8m/s ² front handle; 6.1m/s ² rear handle
Dry weight	10.6kg

DESCRIPTION	CODE	CODE	CODE
Body only	702-512	702-514	702-516


Makita
5008MGJ 190MM CIRCULAR SAW

Come with: carbide-tipped saw blade, guide rule, hex wrench and carry case.

Blade diameter	Ø210mm
Bore diameter	30mm
Max cut	75.5mm at 90°; 57mm at 45°
Input wattage	1,800W
No load speed	5,200rpm
Net weight	4.8kg

VOLTAGE	CODE
110V	732-103
240V	732-101


Makita
LW1400 ABRASIVE CUT-OFF SAW

Comes with: Abrasive cut off wheel and socket wrench.

Wheel diameter	355mm (14")
Bore diameter	25.4mm
Max cutting capacity	115mm
No load speed	3,800rpm
Input wattage	1650W(110V) 2200W(240V)
Net weight	18.7kg

VOLTAGE	CODE
110V	731-001
240V	731-002

WE SUPPLY ALL RANGES OF POWER TOOLS INCLUDING:

DEWALT
HITACHI
Inspire the Next

BOSCH
Makita


For further information email us at sales@elmbridgeuk.com

Cutting Saws



EVOLUTION RAPTOR 355MM STEEL CUTTING CHOP SAW & BLADE

Industrial quality, quicker, safer, more accurate & economical than an abrasive saw with virtually no heat, burrs or sparks are created. When cutting steel, the material has a workable finish.

Fast action swivel vise enables cuts to be made from 0-45°. Hi-torque gearbox reduces motor load and improves performance.

A pull-out collection tray makes it easy to dispose of metal chips. Full blade range suitable for steel, stainless steel, thin steel and aluminium.

VOLTAGE	CODE
110V	731-551
240V	731-355



EVOLUTION 230HDX 230MM TCT CIRCULAR SAW

Industrial quality, robust and highly durable.

Advanced performance leaving an instantly workable finish, producing no heat, no burr and virtually no sparks.

0-45° bevel tilt to enhances the versatility of the saw; safety switch with overload protection; auto-debris collection system; heavy duty and extremely portable; easily adjustable depth of cut, plus a clear visibility panel to aid accurate cutting.

Complete cutting package suitable for steel, stainless steel, aluminium and wood with the optional blades available.

VOLTAGE	CODE
110V	734-230

WE ALSO STOCK THE FULL RANGE OF EVOLUTION BLADES FOR CUTTING STEEL, STAINLESS STEEL, THIN STEEL, ALUMINIUM, AND WOOD. SEE PAGE 113.



JR3060 RECIPROCATING SAW

Comes with: Blades and carry case.

Max cutting depth	130mm pipe; 255mm wood
Length of stroke	32mm
Strokes per minute	0 - 2,800spm
Vibration	23.5m/sec ²
Input wattage	1,250W
Net weight	4.4kg

VOLTAGE	CODE
110V	734-004
240V	734-005



4350CT JIGSAW ORBITAL ACTION

Comes with: Assorted blade, hex wrench, anti splintering device, cover plate, dust nozzle and case.

Max cutting depth	135mm wood; 10mm steel
Length of stroke	26mm
Strokes per minute	800 - 2,800spm
Input wattage	720W
Net weight	2.7kg

VOLTAGE	CODE
110V	730-200
240V	730-201

Not sure what you need? Call us on 01452 525757

Metal Working Tools


Makita
FS2500 TEK SCREWDRIVER

Comes with: Magnetic socket bit 5/16".

No load speed	0 - 2,500rpm
Driving shank	1/4" Hex
Capacity	6mm self-drilling screw
Torque	17 / 29Nm
Input wattage	570W
Net weight	1.5kg

VOLTAGE	CODE
110V	715-001
240V	715-004


Makita
JN3201J METAL NIBBLER

Comes with: Hex wrench, wrench holder, punch & die set, carry case.

No load speed	1,300rpm
Max cutting capacities	3.2mm mild steel 2.5mm stainless steel 3.5mm aluminium
Input wattage	710W
Net weight	3.4kg

DESCRIPTION	CODE
110V	734-321
240V	734-323


Makita
JS3201J METAL SHEAR

Comes with: Hex wrench, thickness gauge, blade set, carry case.

Max cutting capacities	3.2mm mild steel; 2.5mm stainless steel; 4.0mm aluminium
Minimum cutting radius	50mm
No load speed	1,600rpm
Input wattage	710W
Net weight	3.4kg

DESCRIPTION	CODE
110V	734-320
240V	734-324


Makita
JN1601 1.6MM NIBBLER

Comes with: Hex wrench, punch, & die set, wrench holder.

No load speed	2,200spm
Max cutting capacities	1.6mm mild steel; 1.2mm stainless steel;
Min cutting outside edge	50mm
Input wattage	550W
Net weight	1.6kg

VOLTAGE	CODE
110V	734-322
240V	734-325

WE SUPPLY ALL RANGES OF POWER TOOLS INCLUDING:



For further information email us at sales@elmbridgeuk.com

Rotary Drills



BOSCH

GSB21-2RE PERCUSSION DRILL

The most powerful tool in its class, for the toughest applications

Max torque	40.0/14.5Nm
Chuck	Keyless
No load speed	0 - 900 / 3,000rpm
Input wattage	1100W
Net Weight	2.9kg

VOLTAGE	CODE
110V	710-300
240V	710-299



Makita

DP4011 ROTARY DRILL

Comes with: depth gauge, keyless chuck, side handle

Max drilling in steel	High: 8mm, Low: 13mm
No load speed	High: 0 - 2,900rpm; Low: 0 - 1,200rpm
Input wattage	720W
Net Weight	2.3kg

VOLTAGE	CODE
110V	712-500
240V	712-501



Makita

HR2600 SDS-PLUS ROTARY HAMMER

Comes with: Side handle, depth stop, carry case.

Max drilling capacity	26mm - 80mm concrete 13mm - steel 32mm - wood
No load speed	0 - 1,200rpm
Input wattage	800W
Net Weight	3.0kg

DESCRIPTION	CODE
110V	716-261
240V	716-260



Makita

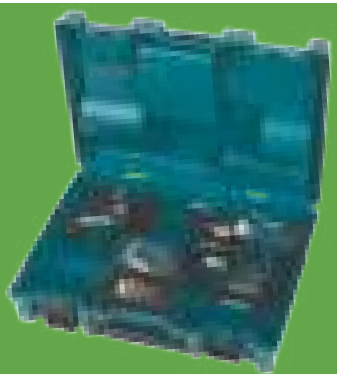
DDF458RMJ 18V LXT CORDLESS DRILL DRIVER

Extremely compact tool size with an overall length of 225mm - the shortest in its class. High power productivity achieved with new DC motor. Enhanced dust and drip-proof performance to ensure reliable operation even under bad weather. Features twin LED job light with pre-glow and afterglow functions. Comes with: fast charger, battery cartridges, carry case.

Max drilling capacity	13mm steel 65mm wood;
No load speed	0 - 2,000 / 400rpm
Max torque (S/H)	58 / 91Nm
Torque Settings	21 + drill
Net Weight	2.1-2.5kg

DESCRIPTION	CODE
Body + 2 x 18V Li-ion batteries	723-058

**DRILL BITS
PAGE
120 - 121**



Cordless Drills & Impact Wrenches

BOSCH


BOSCH GSR 18 VE-2-LI CORDLESS DRILL

Professional heavy duty 18v cordless drill, meeting the highest standards in power precision and robustness. Extremely compact with ergonomically shaped handle and lightweight design.

Max drilling capacity	13mm steel 35mm wood
No load speed	0 - 500 / 1,700rpm
Max torque (S/H)	47 / 80Nm
Net Weight	1.8kg

DESCRIPTION	CODE
Body + 2 x 18V Li-ion batteries	720-401

Makita


DHP458RF35 18V CORDLESS COMBI DRILL

Extremely compact tool with ergonomic design. Delivers high power productivity with new DC motor and enhanced dust/drip-proof performance. Comes with: fast charger, battery cartridges and carry case.

Max drilling capacity	13mm steel 65mm wood 16mm masonry
No load speed	0 - 2,000 / 400rpm
Max torque (S/H)	58 / 91Nm
Net Weight	2.3kg

DESCRIPTION	CODE
Body + 2 x 18V Li-ion batteries	723-059

Makita


DTD153RTJ 18V LXT CORDLESS IMPACT WRENCH

Comes with: Fast charger, battery cartridges, carry case.

Driving shank	1/2" square
No load speed	0 - 3,400rpm
Max torque	170Nm
Impacts per minute	0 - 3,600ipm
Charging time	Approx 22 min
net weight	1.5kg

DESCRIPTION	CODE
Body + 2 x 18V Li-ion batteries	717-251



TW0350 1/2" IMPACT WRENCH

Standard equipment:	1 x 24mm socket, carry case.
Max socket size	32mm A/F
Drive	1/2" square
Max torque	350Nm
Impacts per minute	2,000ipm
No load speed	2,000rpm
Input wattage	400W
Net weight	3.0kg

VOLTAGE	CODE	CODE
110V	760-200	760-210



TW1000 1" IMPACT WRENCH

Standard equipment:	1 x 41mm socket, side handle, carry case.
Max socket size	41mm A/F
Drive	1" square
Max torque	1,000Nm
Impacts per minute	1,500ipm
No load speed	1,400rpm
Input wattage	1,200W
Net weight	8.8kg

For further information email us at sales@elmbridgeuk.com

RotabroachTM



ROTABROACH ELEMENT MAG BASE DRILLS

Designed to offer durable, high performance machines, quality is inbuilt to all aspects of the Element range ensuring a robust, long lasting and top performing product. It is among the lightest machines available in the world.

	ELEMENT 30	ELEMENT 40	ELEMENT 75	ELEMENT 100
Motor Specification 50-60Hz	110V 8A 850W 230V 5A 850W	110V 12A 1200W 230V 6A 1200W	110V 18A 1800W 230V 9A 1800W	110V 20A 2000W 240V 10A 2000W
No Load rpm	600	Gear 1: 600rpm Gear 2: 300rpm	Gear 1: 70-180rpm Gear 2: 200-500rpm	Gear 1: 45-129rpm Gear 2: 70-208rpm Gear 3: 150-434rpm Gear 4: 240-700rpm
Max Hole Cutting Capacity	Ø32mm x 35mm	Ø40mm x 50mm	Ø75mm x 75mm	Ø100 x 100mm
Dimensions (HxWxL)	410 x 165 x 270mm	510 x 185 x 285mm	545 x 230 x 460mm	560 x 230 x 460mm
Weight	10.8kg	13.65kg	23.5kg	24.8kg
Safety Features	Cutsmart TM fixed guard magnetic detection	Cutsmart TM fixed guard magnetic detection mechanical clutch	Cutsmart TM fixed guard magnetic detection mechanical clutch	Cutsmart TM fixed guard magnetic detection
	CODE	CODE	CODE	CODE
110V	750-127	750-128	750-754	750-051
240V	750-124	750-129	750-755	750-052



MAG Base Drills



JEI SOLUTIONS MINIBEAST

Compact, lightweight at 10kg, powerful premium portable magnetic drilling system, ideal for site or workshop use.

Internal coolant reservoir ensures maximum cutter life
Self correcting slide rails allows maintenance free operation
Hidden motor cable for extra protection.

Max Cutter Capacity	35mm
Max Cut Depth	50mm
Twist Drill Capacity	3 - 12mm
Size	307 x 166 x 240mm
Motor Power	1010 Watts
RPM	350
Weight	10kg
Vibration Level	Does not exceed 2.5m/52

VOLTAGE	CODE
110V	750-005
240V	750-006



JEI SOLUTIONS HM40

Lightweight & powerful, premium portable magnetic drilling system for maximum performance.

Powerful 1100 Watt motor delivering 40mm cutting capacity
Easily adapts to take a 13mm chuck for twist drill use
External coolant system provides extended tool life.

Max Cutter Capacity	40mm
Max Cutter Length	50mm
Twist Drill Capacity	3 - 13mm
Countersink Capacity	30mm
Motor Power	1100 Watts
RPM	440
Weight	12.7kg
Vibration Level	Does not exceed 2.5m/52

VOLTAGE	CODE
110V	750-007
240V	750-008

CUTTING LUBE

CAN BE FOUND ON
PAGE 128



For further information email us at sales@elmbridgeuk.com

Drilling / Cutting Machinery



PILLAR DRILLS

Optimum pillar drills offer value for money. Heavy duty construction with powerful smooth running motors make these drills capable for medium duty work. Available as bench mounted or floor standing.

MODEL	D23 PRO	D26 PRO	D33 PRO
Drilling capacity in steel	25mm	25mm	30mm
Spindle taper	2MT	3MT	4MT
Number of speeds	12	12	9
Table size	280 x 245mm	330 x 290mm	475 x 425mm
Motor power	750W	750W	1.1 kW
Dimensions	62 x 33 x 102cm	67 x 36 x 164cm	76 x 44 x 171cm
Weight	58kg	85kg	132kg
240V	CODE: 760-234	760-261	760-331
415V	CODE: 760-233	760-263	760-333

PULL DOWN CIRCULAR SAWS

The Thomas range of pull down saws are fitted standard with a heavy duty anti burr jaw, mechanical coolant pump and quick lock vice. Mitres 45° left and right. Single and 3 Phase options available. Stand available as an optional extra.

MODEL	EXPORT 250 240V		SUPERCUT 315 415V	
Capacity	90°	45° L + R	90°	45° L + R
□ mm	70	60	95	90
○ mm	65	55	85	80
□ mm	100 x 45	65 x 50	110 x 70	85 x 70
Blade size	250ø x 32bore		315ø x 32bore	
Motor Kw	0.75 - 0.95		1.3 - 1.9	
Dimensions	L500 x W780 x H1500		L700 x W780 x H1530	
Weight	115kg		148kg	
CODE:	732-250		732-315	



BAILEIGH BANDSAW

Versatile, compact and portable. Can be run in horizontal or vertical position by lifting the bow and locking it in place, for precise shape cutting. Mitering can be done easily on the BS-712M by loosening the vice and sliding it to your desired angle but the BS-712MS has an added heavy-duty, cast iron swivel head instead, allowing faster production times and less waste.



	BS-712MS	BS-250M
Motor size	1.5kW	1.1kW (high torque)
Cut cap. Round 90° / 45°	177mm / 110 mm	227mm / 150mm
Cut cap. Square 90° / 45°	177 x 259 x 119 x 104mm	220mm / 144mm
Power	220V, 50Hz, 1-Phase	220V, 50Hz, 1-Phase
Saw size (h x w x l)	1255 x 457 x 1067mm	1524 x 1118 x 1219mm
Weight	181kg	216kg
CODE:	580-722	580-730V

FULL RANGE OF PILLAR DRILLS AND BANDSAWS AVAILABLE ON REQUEST.

Not sure what you need? Call us on 01452 525757

Bandsaw Machinery

We can supply a large range of quality bandsaws sourced from established manufacturers including Danobat, Bauer, Bomar, Karmetal and Mega.

Whether you require a small, budget priced, bench mounted bandsaw or a large, twin column bandsaw, we have something for you. Choose from a selection of horizontal, vertical and pivot action mitre bandsaws.

MANUAL HORIZONTAL BANDSAWS



KARMETAL CRAFT 250X310 DM

SEMI-AUTOMATIC HORIZONTAL BANDSAWS



BOMAR ERGONOMIC 320.250DGH

AUTOMATIC HORIZONTAL BANDSAWS



WAYTRAIN LX250AE

VERTICAL BANDSAWS



FUHO VBS 1408CE

**PLEASE CALL US ON 01452 525757
FOR FULL SPECIFICATIONS AND PRICING**

For further information email us at sales@elmbridgeuk.com

Grinding / Metal Working



BELT GRINDERS

You will be truly amazed at the rapid rate of material removal with these high performance KEPP belt grinders. A 50mm radius in 12mm steel plate is achieved in ten seconds. They have an endless variety of applications for fabricators, blacksmiths and many others in the metalworking industry.

MODEL	KEPP 75	KEPP 150
Motor Kw	3	3.6
Belt Size mm	75 x 2000	150 x 2000
Weight kg	85	115
Length mm	1000	1000
Width mm	460	520
Height mm	1000	1000
CODE:	760-375	760-400



KINGSLAND HYDRAULIC STEELWORKER

Compact range available including 45 and 60 ton machines. These compact machines have 5 work stations and are developed for production purposes with maximum efficiency. The machines are equipped with centralised lubrication providing a low maintenance programme.

The multi range includes 60 to 175 ton machines. This machine can be operated by two users at any one time, one operating the shear end and the other the punch end. The system gives accurate power inching at all five work stations and allows the machine to be stopped at any position giving safe and accurate tool setting and work positioning.



Punch Station

Angle Station

Section Cutting Station

Shearing Station

Notching Station

Rolling / Bevelling



POWERED RING ROLLING MACHINES

The powered ring rolling machines are available in shaft diameters of 35mm and 50mm. Both models provide a cost effective solution for the bending of various sections, ideal for 'jobbing' type applications. While these machines have good capacities on the larger materials, multiple passes have to be rolled to reach smaller diameters.

ROUND TUBE ROLLERS AVAILABLE AS AN OPTIONAL EXTRA.



MULTI-ANGLE BEVELLER

The lightweight portable BV30MA Beveller utilises a ten carbide insert tool holder to produce a smooth bevel finish at any angle between 15° and 60°. Compact and robust for ease of moving and convenience in use.

Second Hand Machinery?

Call us for your second hand machinery requirements.

We are always looking for used equipment & part exchange deals.



For further information email us at sales@elmbridgeuk.com



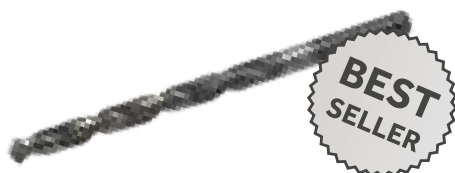
Section 7

Engineering Consumables

CONTENTS

Drill Bits and Taps	P120 - 121
Holesaws	P121
Broaching Cutters	P122
Countersinks and Deburring	P123
Saw Blades	P124 - 125
Accessories Metal Working Sprays	P126 - 127
Cutting Oils and Lubricants	P128

Drill Bits & Taps



DORMER A100 HSS STRAIGHT SHANK DRILLS

Manufactured from high speed steel, steam tempered the A100 is a high quality Professional jobber drill. With good self centering on a wide range of materials this drill is suitable for both hand and machine use.

SIZE	CODE	SIZE	CODE	SIZE	CODE
1/16"	500-001	7/16"	500-022	6.5mm	500-120
5/64"	500-002	1/2"	500-023	6.7mm	500-121
3/32"	500-003	1mm	500-100	6.8mm	500-122
7/64"	500-004	1.5mm	500-101	7.0mm	500-123
1/8"	500-005	2.0mm	500-102	7.2mm	500-124
9/64"	500-006	2.5mm	500-103	8.0mm	500-126
5/32"	500-007	2.6mm	500-104	8.2mm	500-127
11/64"	500-008	3.0mm	500-105	8.5mm	500-128
3/16"	500-009	3.2mm	500-106	9.0mm	500-129
13/64"	500-010	3.5mm	500-107	9.5mm	500-130
7/32"	500-011	4.0mm	500-108	10.0mm	500-131
1/4"	500-012	4.1mm	500-109	10.2mm	500-132
17/64"	500-013	4.2mm	500-110	10.5mm	500-133
9/32"	500-014	4.5mm	500-111	11.0mm	500-135
5/16"	500-015	4.8mm	500-112	11.5mm	500-136
21/64"	500-016	4.9mm	500-113	12.0mm	500-137
11/32"	500-017	5.0mm	500-114	12.5mm	500-138
23/64"	500-018	5.1mm	500-115	12.75mm	500-139
3/8"	500-019	5.2mm	500-116	13.0mm	500-140
25/64"	500-020	5.5mm	500-117	13.5mm	500-141
13/32"	500-021	5.7mm	500-118		
		6.0mm	500-119		



DORMER A170 HSS PARALLEL SHANK

Standard helix, right hand spiral 12mm parallel shank drill, often referred to as a blacksmith drill. General purpose, ideal for a range of materials where chuck holding capacity is limited. Suitable for both hand and machine use.

SIZE	CODE
14mm	500-200
16mm	500-201
19mm	500-202
22mm	500-203



HSS STRAIGHT SHANK JOBBER DRILLS

SIZE	CODE	SIZE	CODE	SIZE	CODE
1.00mm	500-600	4.10mm	500-631	7.20mm	500-662
1.10mm	500-601	4.20mm	500-632	7.30mm	500-663
1.20mm	500-602	4.30mm	500-633	7.40mm	500-664
1.30mm	500-603	4.40mm	500-634	7.50mm	500-665
1.40mm	500-604	4.50mm	500-635	7.60mm	500-666
1.50mm	500-605	4.60mm	500-636	7.70mm	500-667
1.60mm	500-606	4.70mm	500-637	7.80mm	500-668
1.70mm	500-607	4.80mm	500-638	7.90mm	500-669
1.80mm	500-608	4.90mm	500-639	8.00mm	500-670
1.90mm	500-609	5.00mm	500-640	8.10mm	500-671
2.00mm	500-610	5.10mm	500-641	8.20mm	500-672
2.10mm	500-611	5.20mm	500-642	8.30mm	500-673
2.20mm	500-612	5.30mm	500-643	8.40mm	500-674
2.30mm	500-613	5.40mm	500-644	8.50mm	500-675
2.40mm	500-614	5.50mm	500-645	8.60mm	500-676
2.50mm	500-615	5.60mm	500-646	8.70mm	500-677
2.60mm	500-616	5.70mm	500-647	8.80mm	500-678
2.70mm	500-617	5.80mm	500-648	8.90mm	500-679
2.80mm	500-618	5.90mm	500-649	9.00mm	500-680
2.90mm	500-619	6.00mm	500-650	9.10mm	500-681
3.00mm	500-620	6.10mm	500-651	9.20mm	500-682
3.10mm	500-621	6.20mm	500-652	9.30mm	500-683
3.20mm	500-622	6.30mm	500-653	9.40mm	500-684
3.30mm	500-623	6.40mm	500-654	9.50mm	500-685
3.40mm	500-624	6.50mm	500-655	9.60mm	500-686
3.50mm	500-625	6.60mm	500-656	9.70mm	500-687
3.60mm	500-626	6.70mm	500-657	9.80mm	500-688
3.70mm	500-627	6.80mm	500-658	9.90mm	500-689
3.80mm	500-628	6.90mm	500-659	10.00mm	500-690
3.90mm	500-629	7.00mm	500-660	10.10mm	500-691
4.00mm	500-630	7.10mm	500-661	10.20mm	500-692

**OTHER SIZES AVAILABLE ON REQUEST
INCLUDING LONG SERIES DRILL BITS.**

Drillbits, Taps & Holesaws



DRILL BIT SET

Fully ground jobber drill set. Coated in industrial quality tin. Sizes 1 - 13mm in 0.5mm increments and supplied in metal indexing box.

SIZE	CODE
1-13mm	500-350



DORMER A130 HSS TAPERED SHANK DRILLS

Standard helix, right hand spiral general purpose taper shank drill.

SIZE	SHANK	CODE
13mm	No. 1 MT	500-204
14mm	No. 1 MT	500-205
16mm	No. 2 MT	500-206
18mm	No. 2 MT	500-207
20mm	No. 2 MT	500-208
22mm	No. 2 MT	500-209
25mm	No. 3 MT	500-210

UP TO 100MM AVAILABLE IN THE A130 RANGE.

TAPS

DIES ALSO AVAILABLE IN ALL SIZES

Standard metric coarse pitch - precision engineering quality taps, ISO-529 spec.



	BOTTOM TAP	SECOND TAP	SPIRAL POINT TAP	SPIRAL FLUTE TAP
SIZE	CODE	CODE	CODE	CODE
M4 x 0.70	504-010	504-009	504-011	504-052
M6 x 1.00	504-018	504-017	504-019	504-053
M8 x 1.25	504-022	504-021	504-023	504-054
M10 x 1.50	504-026	504-025	504-027	504-055
M12 x 1.75	504-030	504-029	504-031	504-056
M14 x 2.00	504-034	504-033	504-035	504-057



POWER CHANGE ADAPTER TECHNOLOGY

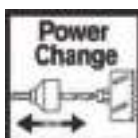
Bosch has developed the unique "Power-Change" adapter system to enable the user to work even more efficiently. It is the only system that allows the holesaw and the pilot drill bit to be changed without tools, and the only system that can mount the entire holesaw range with only one adapter.

SIZE	CODE
Adapter c/w Hexagonal Shank	787-111
Adapter c/w SDS- Shank	787-109
HSS-G Pilot Drill	787-110



BOSCH BI-METAL HOLESAWS

Top quality bi-metal holesaws, widely used for all types of hole drilling, in most materials. Full sized range available



SDS-PLUS SHANK

Not sure what you need? Call us on 01452 525757

Broaching Cutters



Rotabroach

MAGNETIC/BROACHING DRILL CUTTERS

Magnetic/broaching or annular cutters are highly successful due to their proven ability to cut more accurate holes using less energy and giving longer tool life. Because these cutters only remove metal at the periphery of the hole, on average only 25% of the material in the hole is converted into 'chips', requiring much less power than conventional twist drills - the larger the drill diameter the greater the energy saving.



BROACHING DRILL STANDARD CUTTERS

Rotabroach M2AL Raptor cutters have a unique and exclusive geometry that you will only find on genuine Rotabroach cutters. Designed to ensure they will last longer, cut faster and give a better and more accurate finished hole than any other annular cutter.

Manufactured from M2AL material. Heat treated to a higher temperature, ensuring a greater hardness of cutter.

SIZE	CODE
12mm	503-001
13mm	503-002
14mm	503-003
16mm	503-004
20mm	503-007
22mm	503-009
24mm	503-011
25mm	503-012
26mm	503-013
30mm	503-017
34mm	503-021
36mm	503-023
40mm	503-040
50mm	503-050
60mm	503-060



BROACHING DRILL TCT CUTTERS

Rotabroach tungsten carbide tipped cutters are manufactured with super micro-grain carbide tips for a long tool life in the toughest of materials.

The tips are 50% Tungsten / 50% Carbide. Rotabroach TCT cutters are harder and able to resist higher temperatures resulting in less wear, providing a longer tool life when comparing to competitor products.

The special Rotabroach 3 tooth geometry provides even tooth loading for a smooth and vibration free cut.

SIZE	CODE
12mm	503-212
14mm	503-214
15mm	503-215
16mm	503-216
18mm	503-218
20mm	503-220
21mm	503-221
22mm	503-222
26mm	503-226
28mm	503-228
33mm	503-233
39mm	503-239
45mm	503-245
64mm	503-264
80mm	503-280

CUTTERS LISTED ARE STANDARD 25MM LONG BUT OTHER LENGTHS AND DIAMETERS AVAILABLE



PINS FOR BROACHING DRILL CUTTERS

SIZE	STD. CODE
Short pin to suit cutters	503-100
Long pin to suit cutters	503-103
Narrow pin	503-057
Pin for TCT cutters	503-089

For further information email us at sales@elmbridgeuk.com

Countersinks & Deburring

OTHER SIZES AVAILABLE ON REQUEST | ALSO AVAILABLE AS OIL FEED.



STRAIGHT SHANK COUNTERSINK

Countersink suitable for producing 90° accurate countersinks and deburring drilled holes.

SIZE	CODE
8.3mm	505-083
10.4mm	505-104
12.4mm	505-124
16.5mm	505-165
20.5mm	505-205
25.0mm	505-250



MORSE TAPER SHANK COUNTERSINK

Countersink suitable for producing 90° accurate countersinks and deburring drilled holes.

SIZE	CODE
31mm	505-310
40mm	505-400
50mm	505-500
63mm	505-630



MORSE TAPER SLEEVES

Accurately ground internal and external drill sleeve. For adapting morse taper shank tooling to machines having larger morse taper spindles.



MORSE TAPER ARBOR

Precision machined and ground for mechanism performance. Ideal for use with custom tool and work holder designs.



MORSE TAPER EXTENSION

Morse taper extensions allow machine spindles with morse tapers to be extended when using cutting tools with a morse taper.

SIZE	CODE
Outside MT2 inside MT1	789-003
Outside MT3 inside MT2	789-004
Outside MT4 inside MT3	789-007

SIZE	CODE
Outside MT2 Outside 2JT	789-977
Outside MT2 Outside 3JT	789-978
Outside MT3 Outside 6JT	789-988

SIZE	CODE
Outside MT4 inside MT3	789-403
Outside MT3 inside MT4	789-304
Outside MT3 inside MT3	789-303



MAGNETIC/BROACHING COUNTERSINKS

Good quality hardened countersinks fitted with 19mm shank to fit into any magnet drill. Range of sizes available.

SIZE	CODE
30mm	505-030
40mm	505-040
55mm	505-055



NOGA DEBURRING TOOLS

Small hand held deburring tool for use on steel, aluminium and plastics. Supplied with 10 blades.

DESCRIPTION	CODE
Tool option 1	894-010

PUNCHES & DIES AVAILABLE FOR ALL STEELWORKS AND IN ALL SIZES.
PLEASE SPECIFY SIZE AND SHAPE WITH OUR SALES TEAM



Saw Blades



BAHCO 12" HACKSAW AND BLADES

Bahco Sandflex bi-metal hacksaw blades are virtually unbreakable and shatterproof. The precision ground teeth make them suitable for all types of metal sawing. With a blade back of strong flexible spring steel and a tooth line in high alloyed, SHSS, this blade is guaranteed to keep it's sharpness for a long time.

SIZE	CODE
Bahco 317 12" Hacksaw frame	841-005
12" (300mm) X 18tpi	507-001
12" (300mm) X 24tpi	507-002
12" (300mm) x 32tpi	507-003

POWER HACKSAW BLADES

SHSS saw blade with Molybdenum. Heat treated for exceptional tooth hardness and wear resistance. They are suitable for cutting all types of materials but are particularly recommended for high alloy and stainless steel. Fit all popular powersaws.

OTHER SIZES AVAILABLE ON REQUEST

SIZE	CODE
14" x 1 10tpi	507-102
14" x 1 14tpi	507-103
14" x 1 1/4 10tpi	507-100
14" x 1 1/4 14tpi	507-101
16" x 1 1/4 14tpi	507-106

SHSS CIRCULAR SAW BLADES

Quality DMo5 spec blade for general metal cutting work. Black steam treated for long life.

WIDE RANGE OF SIZES AVAILABLE

SIZE	CODE
225 x 2 x 32mm 2160	509-900
250 x 2 x 32mm 2160	509-910
275 x 2.5 x 32mm 2120	509-920
300 x 2.5 x 32mm 2160	509-930
315 x 2.5 x 32mm 2160	509-940
350 x 3.0 x 32mm 2180	509-950

JIGSAW BLADES

A popular range of professional quality jigsaw blades for metal and wood.

SIZE	CODE
T118A for thin sheet metal	781-201
T118B for medium-thick sheet metal	781-203
T118AF flexible for metal	781-199
T101D for soft wood up to 30mm thick	781-007
T144DF for hardwood & laminate up to 50mm thick	781-012



WE ALSO STOCK A RANGE OF
POWER HACKSAWS
PLEASE CALL FOR DETAILS



For further information email us at sales@elmbridgeuk.com

Saw Blades



EVOLUTION EVOSAW BLADES

The 'Evolution Steel' saws, have a range of blades available for a variety of applications. Transforming the EVO saws into the ultimate dry cutting power tools capable of cutting mild steel, stainless steel*, aluminium and wood, leaving a smooth, clean finish.

*Will reduce blade life significantly when cutting 316 grade stainless steel.

			STEEL	STAINLESS STEEL	ALUMINIUM
DIAMETER	BORE SIZE	MAX RPM	CODE	CODE	CODE
180mm / 7"	20mm	3,500	509-180	509-181	509-182
230mm / 9"	25.4mm	2,700	509-230	509-231	509-232
305mm / 12"	25.4mm	1,450	509-305	509-306	509-307
			TCT	STAINLESS STEEL	ALUMINIUM
355mm / 14"	25.4mm	1,450	509-355	509-356	509-357



BI-METAL BANDSAW BLADES

Cobra M42 premium bi-metal bandsaw blade for use on all metals. Ideal for structural and solid material. Hard wearing and excellent resistance to tooth stripage.

SIZE	CODE
2362 X 20 X 6/10	506-002
2362 X 20 X 10/14	506-001
2450 X 27 X 5/8	506-101
2450 X 27 X 6/10	506-102
2720 X 27 X 4/6	506-103
2720 X 27 X 6/10	506-104
2750 X 27 X 5/8	506-200
2750 X 27 X 6/10	506-201
3100 X 27 X 6/10	506-300
3200 x 27 x 4/6	506-302
3250 x 27 x 6/10	506-301
3660 x 27 x 4/6	506-500
3660 x 27 x 5/8	506-501
3660 x 27 x 6/10	506-502
3810 x 27 x 4/6	506-503
3810 x 27 x 5/8	506-504
3810 x 27 x 6/10	506-505
3810 x 34 x 4/6	506-506
3810 x 34 x 5/8	506-507
3810 x 34 x 6/10	506-508

**BESPOKE SIZES
AVAILABLE ON
REQUEST**

Not sure what you need? Call us on 01452 525757

Accessories | Metal Working Sprays

Ambersil

AMBERCLENS

400ML; ANTI-STATIC FOAMING CLEANER.
USE TO REMOVE GENERAL GRIME & SOILING ON ALL SURFACES. PARTICULARLY EFFECTIVE AS A POST-MAINTENANCE CLEANER. ANTI-STATIC FORMULATION INHIBITS DUST ATTRACTION.



REMOVES LIGHT OILS, FINGER MARKS & GENERAL GRIME. SAFE FOR USE ON PLASTICS, METALS, PAINTED & GLAZED SURFACES. MULTIPLE INDUSTRIAL APPROVALS: RAIL, NATO, FORD, BRITISH COAL, ROLLS ROYCE AEROSPACE.

CODE: 520-256

COPPER ANTI-SEIZE PASTE

400ML; HIGH TEMPERATURE ANTI-SEIZE.
USE ON THREADED FASTENERS TO PREVENT SEIZING DURING PROLONGED MAINTENANCE INTERVALS, IN HOSTILE/HIGH HUMIDITY ENVIRONMENTS & AREAS SUBJECTED TO HIGH TEMPERATURES.



FORMULATED WITH MICRONIZED COPPER & ANTI-OXIDANT ADDITIVES TO REDUCE FRICTION & WEAR. LEAD & NICKEL FREE. GOOD CORROSION PROTECTION EVEN IN HIGHLY CORROSIVE ENVIRONMENTS. OPERATIONAL TEMPERATURE RANGE: -30°C TO +1100°C.

CODE: 520-266

AMBERKLENE FE10

400ML; FAST DRYING SOLVENT DEGREASER.
USE FOR THE GENERAL DEGREASING OF MACHINERY INCLUDING CHAINS, GEARS, BEARINGS, DRIVES, MOTORS & MORE.



POWERFUL FLUSHING ACTION RAPIDLY DISSOLVES & REMOVES CONTAMINANTS. SAFE FOR USE ON ALL METALS & MOST PLASTICS. ZERO RESIDUE - PERFECT FOR SURFACE PREPARATION PRIOR TO BONDING, PAINTING, COATING OR RE-LUBRICATION. FITTED WITH THE AMBERSIL 360 DEGREE SPRAY SYSTEM FOR ALL ANGLE USE.

CODE: 520-253

40+ PROTECTIVE LUBRICANT

400ML; THE COMPLETE MAINTENANCE TREATMENT.
A TRUE MULTI-PURPOSE 'CURE-ALL' FOR ENGINEERS: USE AS A DEWATERING FLUID, A PENETRANT ON SEIZED FASTENERS, A GENERAL LUBRICANT, & AS A CORROSION INHIBITOR.



EXCELLENT WATER DISPLACEMENT PERFORMANCE. HIGH DI-ELECTRIC STRENGTH, NON-CONDUCTIVE FILM. SAFE ON MOST PAINTS, PLASTIC, RUBBERS & ALL METALS. OPERATIONAL TEMPERATURE RANGE: -20°C TO +115°C.

CODE: 520-270

CHAINSPRAY

400ML; CHAIN AND DRIVE LUBRICANT.
USE ON ALL TYPES OF DRIVE CHAINS, INCLUDING PRODUCTION LINE, DOOR MECHANISMS, QUARRY PLANT, AND DRYING OVEN DOORS.



OFFERS MAXIMUM ADHESION TO CHAIN LINK WITH EXCELLENT PENETRATION, LUBRICATION AND CORROSION PROTECTION OF THE PINS. HIGH TEMPERATURE RESISTANT: UP TO 200°C CONTINUOUS (300°C INTERMITTENT). ALSO AVAILABLE AS AN ALTERNATIVE PRODUCT SPECIFICALLY FOR USE ON FORK LIFT TRUCKS: "FLT CHAIN SPRAY".

CODE: 520-311

SILICONE LUBRICANT

500ML; SILICONE LUBRICANT.
A GENERAL PURPOSE MEDIUM-DUTY SILICONE LUBRICANT SUPPLIED IN A LARGE 500ML AEROSOL CAN.



INHIBITS ADHESION OF INKS, DYES AND ADHESIVES. EXHIBITS EXCELLENT SLIP PROPERTIES ON BLADES, TABLES, CHUTES AND CONVEYORS. SAFE ON WOOD, GLASS, FABRICS, METALS, RUBBERS AND MOST PLASTICS. ELIMINATES FRICTION AND FABRIC DRAG. CAN BE USED AS A MOULD RELEASE AGENT.

CODE: 520-254

RUST FLASH

500ML; PENETRANT WITH FREEZE SHOCK ACTION.
FOR USE ON ALL SEIZED & CORRODED FASTENERS. IDEAL FOR BOLTS ON EQUIPMENT LOCATED OUTSIDE & SUBJECTED TO ADVERSE CONDITIONS.



UTILISES THE LAWS OF THERMODYNAMICS: SHOCK RUST DOWN TO -40°C. THE RAPID TEMPERATURE DROP CAUSES THE RUST TO FRACTURE, ALLOWING THE LUBRICATING OILS TO PENETRATE FASTER. FITTED WITH THE 360° SPRAY SYSTEM FOR ALL ANGLE USE.

CODE: 520-251

AMBERTRON

400ML; ULTRA PURE CONTACT CLEANER.
ULTRA PURE FORMULATIONS FOR CRITICAL MAINTENANCE. REMOVES LIGHT OILS & CONTAMINATION SAFELY FROM PCB'S, RELAYS, ALL ELECTRICAL CONTACTS, SWITCHES & MORE.



EXCELLENT MATERIALS COMPATIBILITY: SAFE FOR USE ON PLASTICS, RUBBER, COMPOSITES, METAL & PAINTED SURFACES. NON-CONDUCTIVE. QUICK & EFFECTIVE CLEANING WITH ZERO RESIDUE. AUTOMOTIVE APPROVAL. WILL NOT PRODUCE FROST.

CODE: 520-150

STAINLESS STEEL CLEANER FG

400ML; DUAL ACTION CLEANER & POLISH.
FOR USE ON ALL TYPES OF STAINLESS STEEL & OTHER 'SHINY' SURFACES TO REMOVE LIGHT OILS, FINGERPRINTS, & WATER MARKS.



NSF A7 AND C1 REGISTERED. DUAL ACTION: CLEANS & POLISHES IN 1 APPLICATION. DENSE FOAM ALLOWS USE ON VERTICAL SURFACES WITHOUT DRIPPING. LEAVES AN INVISIBLE, NON-GREASY FILM FOR A LASTING SHINE. IDEAL POST-MAINTENANCE CLEANER.

CODE: 520-936

GLASS CLEANER

GLASS CLEANER.

IDEAL FOR USE ON GLASS, SCREENS, MONITORS, MIRRORS, LENSES AND WINDSCREENS.

QUICK AND EASY TO USE
PRODUCES A SMEAR RESIDUE
FREE FINISH WITH MINIMAL
EFFORT
PLEASANT PERFUME LEAVES
AREA SMELLING FRESH AND
CLEAN.



CODE: 520-25

Ambersil
**YOUR
COMPLETE
CHEMICAL
SOLUTION™**

CORROSION INHIBITOR

WAXY ANTI-CORROSION TREATMENT.

USE ON FERROUS METALS AS A LONG-TERM PROTECTIVE COATING FOR STORED EQUIPMENT, OR AS A TRANSPORTATION FILM FOR TRANS-GLOBAL COMPONENT SHIPPING.

FILM WILL NOT HARDEN OR CRACK.
FORMS A 'SELF-REPAIRING' WAXY FILM
MEETS MIL-PREF-16173E
CAN BE USED AS AN ANTI-SEIZE / ANTI/RUST TREATMENT FOR FASTENERS
WILL NOT STAIN OR MARK COMPONENTS.



CODE: 520-316

TUFCUT SPRAY

METAL CUTTING LUBRICANT.

A READY TO USE METAL CUTTING SPRAY FOR THE PRECISION APPLICATION OF METAL WORKING LUBRICANT, PROVIDING FASTER PRODUCTION TIMES & IMPROVED SURFACE FINISH. A MUST USE PRODUCT WHERE 'RIGHT FIRST TIME' RESULTS ARE ESSENTIAL.

IMPROVES HEAT DISSIPATION.
PREVENTS CHIP WELDING.
ALLOWS HEAVIER CLOSE TOLERANCE CUTS.
IDEAL FOR REAMING, TAPPING & DRILLING.
ECONOMICAL IN USE.



CODE: 520-255

TUFCUT FOAM

FOAMING METAL CUTTING LUBRICANT.

FOR USE ON VERTICAL SURFACES OR WHERE LONGER CONTACT TIME IS REQUIRED. THE FOAM PROVIDES DEEPER PENETRATION FOR CLOSE TOLERANCE GAPS & EVEN COVERAGE.

DISSIPATES HEAT & ALLOWS HEAVIER, CLOSE TOLERANCE CUTS.
EXCELLENT RESULTS ACROSS A WIDE RANGE OF METALS INCLUDING HIGH CARBON, HIGH SPEED, & HIGH TENSILE STEELS. PARTICULARLY EFFECTIVE FOR IN-PLACE MAINTENANCE OF TURBINE BLADES.



CODE: 520-265

TUFCUT LIQUID

METAL CUTTING LUBRICANT.

A READY-TO-USE METAL CUTTING LUBRICANT FOR USE IN MACHINING METAL & SOME COMPOSITE MATERIALS. PROVIDES EXCEPTIONAL LUBRICATING & HEAT DISPERSANT PROPERTIES WITH IMPROVED FINISH TO MACHINED SURFACES.

HANDY SIZE ALLOWS DIRECT APPLICATION TO THE WORK PIECE.
HELPS PREVENT CHIP WELDING & INCREASES TOOL LIFE.
IMPROVES HEAT DISSIPATION.



CODE: 520-260

TUFCUT COMPOUND

METAL CUTTING LUBRICANT.

A THICK, PASTE-LIKE COMPOUND WITH ALL THE PERFORMANCE OF TUFCUT IN A TOUGH, TENACIOUS LUBRICATING FILM. THE HIGH CLING COMPOUND ADHERES TO TOOL PIECES, PREVENTING THROW-OFF AND WASTAGE, WHILST DELIVERING EXCELLENT LUBRICATING AND HEAT REDUCTION PROPERTIES.

VERY ECONOMICAL.
ELIMINATES CHIP WELD & PROLONGS TOOL LIFE.
READY-TO-USE STRAIGHT OUT OF THE TIN.



CODE: 520-261

BIOWELD

WATER-BASED WELD ANTI-SPATTER.

A WATER BASED SPATTER RELEASE AGENT WHICH GIVES EXCEPTIONAL RESULTS WITHOUT THE USE OF HARMFUL SOLVENT, SILICONES OR MINERAL OILS.

ODOURLESS, NON-FLAMMABLE & SAFE IN USE.
FINE SPRAY PATTERN FOR EXCELLENT COVERAGE.
CONTAINS A HIGHLY EFFECTIVE FLASH-RUST INHIBITOR.
FILM IS EASILY WIPED AWAY AND LEAVES NO RESIDUES.
AUTOMOTIVE APPROVAL: FORD TOX NO.: 163241.



CODE: 520-317

Cutting Oils & Lubricants



ROTABROACH CUTTING OIL - FOR MAG BASE DRILLS

Rotabroach Cutting Fluid has been specifically formulated to extend cutter life and improve cutting performance. You simply pull out the nozzle and apply the fluid directly into the reservoir on the Rotabroach machine or directly into the machine coolant bottle.

SIZE	CODE
1ltr	520-102
5 ltr	520-229



ROCOL RTD METAL CUTTING LUBRICANT

RTD is a high performance metal cutting lubricant containing extreme pressure additives which cling to the tool and workpiece reducing friction and prolonging tool life. Suitable for use on all ferrous and non ferrous metals even in the most severe metal removal applications.

SIZE	CODE
400g Liquid	520-101
500g Compound	520-004
400ml Spray	520-204



MORRIS SUPERCUT 1000

High quality soluble cutting oil, suitable for use in bandsaws, cold cut saws and other applications. Excellent cooling properties and workpiece visibility.

SIZE	CODE
5 ltr	525-001
25 ltr	525-002



MULTIPURPOSE EP GREASE

Multi purpose, medium density grease with extreme pressure properties.

SIZE	CODE
400g Cartridge	524-001
3kg Tin	524-002
12.5kg Drum	524-003



MOLYSLIP MWF METAL WORKING FLUID

Concentrated metal working fluid containing a unique oil-soluble molybdenum compound with extreme pressure anti-weld additives. Lubricates, reduces friction, heat and distortion of work.

SIZE	CODE
350ml	520-100
5 ltr	520-104

ALL MORRIS PRODUCTS AVAILABLE ON REQUEST - SPECIALIST LUBRICANTS / GREASES AVAILABLE



CUTTING & TAPPING SPRAY

Handy aerosol cutting lubricant for general metalworking use. Ideal for cutting, drilling and sawing on site or in the workshop.

SIZE	CODE
Aztec, 500ml	520-103



DE-IONISED WATER

De-ionised water - water that has had almost all of its mineral ions removed. Not to be confused with de-mineralised water.

SIZE	CODE
5 ltr	528-002
25 ltr	528-001



WD40

All purpose liquid for displacing moisture, corrosion control, lubrication, cleaning and penetration.

SIZE	CODE
420ml Smart Straw Aerosol	520-202
5ltr Can c/w applicator	520-106
400ml Flexi-Straw Aerosol	860-688



Section 8

Compressors & Air Tools

CONTENTS

Direct Drive Compressors	P130 - 131
Belt Driven Compressors	P132
Rotary Screw Compressors	P133 - 135
Dryers & Air Receiver Tanks	P136
Air Filtration	P137 - 138
Air Hoses & Quick Release Fittings	P139
Claw Type Air Fittings	P140
Air Ring Main Fittings	P141 - 142
Air Tools	P143 - 144

Direct Drive Compressors

FIAC DIRECT DRIVE AIR COMPRESSORS (OIL FREE)



FIAC LEONARDO - 1.0 HP

Suitable for small air tools
Auto stop/start controls (requires minimum supervision)
All 230V models are supplied with 13 Amp plug and cable
Four-pole motor eliminates high-pitched whine
Sound insulation, keeps noise levels down to 65 dBA
Motor overload protection
Air receiver (CE 87/404) ensures maximum user protection

SPECIFICATION	
Maximum Pressure (PSI)	116
Air Receiver Litres	6
Displacement CFM	3.7
Weight (Kg)	17
Dimensions (mm)	430 x 187 x 450
CODE:	560-011



FIAC ECU - 1.5 HP OIL FREE

Automatic stop/start controls
Air regulator and gauge
Safety and drain valves
Ready for use, complete with 13 Amp plug & cable
Motor overload protection
Air receivers to CE87/404 ensures user protection
Portable and user friendly

SPECIFICATION	110V	240V
Maximum Pressure (PSI)	116	116
Air Receiver Litres	6	6
Displacement CFM	7.3	7.3
Weight (Kg)	16	16
Dimensions (mm)	410 x 187 x 450	410 x 187 x 450
CODE:	560-100	560-101



FIAC FX 95 - 1.5 HP

Automatic stop/start controls
Ready for use, complete with 13 Amp plug & cable
Motor overload protection, air receivers to CE87/404 ensures user protection
Portable and user friendly

SPECIFICATION	
Maximum Pressure (PSI)	116
Air Receiver Litres	24
Displacement CFM	6.0
Weight (Kg)	27
Dimensions (mm)	650 x 315 x 630
CODE:	560-005



FIAC FX 250 - 2.0 HP

Automatic stop/start controls - requires minimum supervision
Ready to use, complete with 13 Amp plug & cable
Motor overload protection, air receivers to CE87/404 ensures user protection
Portable & user friendly

SPECIFICATION	
Maximum Pressure (PSI)	116
Air Receiver Litres	50
Displacement CFM	8.4
Weight (Kg)	46
Dimensions (mm)	845 x 320 x 665
CODE:	560-007

Direct Drive Compressors

FIAC DIRECT DRIVE AIR COMPRESSORS (LUBRICATED)



FIAC MANHATTAN 1.5 HP - 110V

Cast iron blocks
Automatic stop/start controls
Unique soft start - low current start up
Models supplied with 13 Amp cable
Filled with oil ready for use
Lightweight with carry handles or wheels - easy to use
All models have 1/4" BSP regulated outlets.

SPECIFICATION	
Maximum Pressure (PSI)	116
Air Receiver Litres	24
Displacement CFM	6.7
Weight (Kg)	28
Dimensions (mm)	
CODE:	560-006



FIAC PORTLAND 1.5 HP - 110V

Cast iron blocks
Automatic stop/start controls
Unique soft start - low current start up
Models supplied with 13 Amp cable
Filled with oil ready for use
Lightweight with carry handles or wheels - easy to use
All models have 1/4" BSP regulated outlets.

SPECIFICATION	
Maximum Pressure (PSI)	116
Air Receiver Litres	50
Displacement CFM	6.7
Weight (Kg)	46
Dimensions (mm)	940 x 320 x 700
CODE:	560-008



FIAC SUPER COSMOS 255 - 2.0 HP

Cast iron cylinder block
Automatic stop/start control - requires minimum supervision
Unique soft start - low current start up
Ready to use, supplied with 13 Amp plug & cable
Filled with oil
Class F motor with overload protection
1/4" BSP regulated outlet

SPECIFICATION	
Maximum Pressure (PSI)	116
Air Receiver Litres	50
Displacement CFM	6
Weight (Kg)	49
Dimensions (mm)	940 x 320 x 700
CODE:	560-003



FIAC VX50/360 230V - 3.0 HP

Cast iron cylinder block
50 Litre V-Twin Compressor 230/50/1
Automatic stop/start controls
requires minimum supervision
Unique soft start - low current start up
Supplied with a 13A plug

SPECIFICATION	
Maximum Pressure (PSI)	145
Air Receiver Litres	50
Displacement CFM	12.7
Weight (Kg)	62
Dimensions (mm)	1070 x 320 x 730
CODE:	560-300

Belt Driven Compressors

WORKHORSE ELECTRIC BELT DRIVEN AIR COMPRESSOR

Cast iron cylinder blocks on all models
Air receivers built to latest European Standards 09/105 CE
Heavy duty industrial motors with overload protection
Twin cylinder pumps
Fitted aftercoolers
Aerodynamic flywheels for efficient cooling
Slow running pump speeds giving lower noise levels and longer life expectancy
Automatic stop/start controls
Built and tested to latest European standards in UK
2 year Conditional Warranty

* Requires 30 Amp supply



MOTOR HP	AIR RECEIVER LITRES	DISPLACEMENT CFM	FAD CFM	ELECTRICAL PHASE	CODE
3.0	50	13.0	9.0	1	560-400
3.0	100	13.0	9.0	1	560-411
3.0	150	13.0	9.0	1	560-402
3.0	200	13.0	9.0	1	560-412
4.0*	200	17.7	13.2	1	560-405
5.5	200	21.0	16.5	3	560-404
5.5	270	21.0	16.5	3	560-414
7.5	270	29.0	23.0	3	560-406
3.0	150	14.0	10.7	3	560-401
3.0	200	14.0	10.7	3	560-403
10.0	270	38.5	29.5	3	560-409

PETROL POWERED BELT DRIVEN COMPRESSORS

With all the features of the standard electric versions, the petrol workhorse compressors offer the versatility of air production where no electricity is available.
Note: Battery and cables not supplied.

Cast iron cylinder block
Air receiver built to latest European Standards 09/105 CE
Heavy duty industrial motor with overload protection
Twin cylinder pumps
Fitted aftercoolers
Aerodynamic flywheels for efficient cooling
Slow running pumps giving lower noise levels & longer life expectancy
Automatic stop/start controls
UK built & tested to latest European standards
2 Year conditional warranty (Subject to registration terms & conditions)
Recoil start as standard
All models maximum pressure 145 PSI/10 Bar
Electric start available on all petrol models
Honda engines fitted to every model carry a 3 year manufacturer warranty



MOTOR HP	AIR RECEIVER LITRES	DISPLACEMENT CFM	FAD CFM	TYPE	CODE
5.5	50	15.6	11.2	Portable	560-420
5.5	150	15.6	11.2	Static	560-421
9.0	150	21.0	16.5	Static	560-422
9.0	150	24.9	19.9	Static	560-423
11.0	150	29.8	23.0	Static	560-424

**WHEEL KITS ALSO AVAILABLE
PLEASE ASK A MEMBER OF STAFF FOR FURTHER INFORMATION
OR AT TIME OF ORDER IF REQUIRED**

For further information email us at sales@elmbridgeuk.com

Rotary Screw Compressors

ROTARY SCREW COMPRESSORS

WHY ROTARY SCREW?

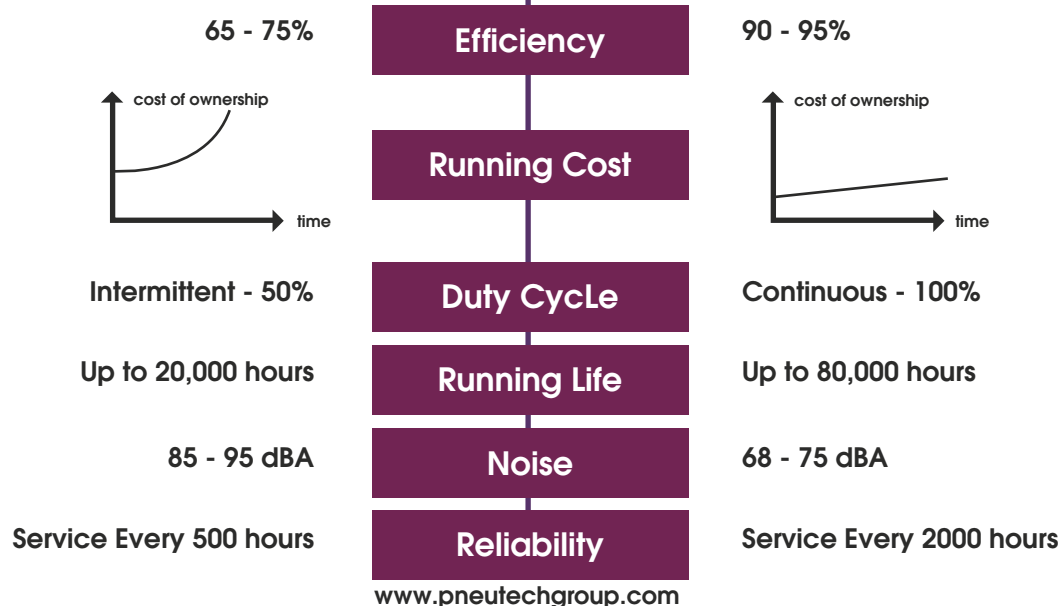
Rotary screw compressors have the following benefits over piston compressors:

- Higher efficiency, up to 33% more air output
- Lower running cost, up to 25% cost reduction
- Up to 100% duty cycle, for continuous running
- Longer life, up to 4 time service life
- Low noise, 68 - 72 dBA
- Reliability; less service required



PISTON TYPE COMPRESSOR

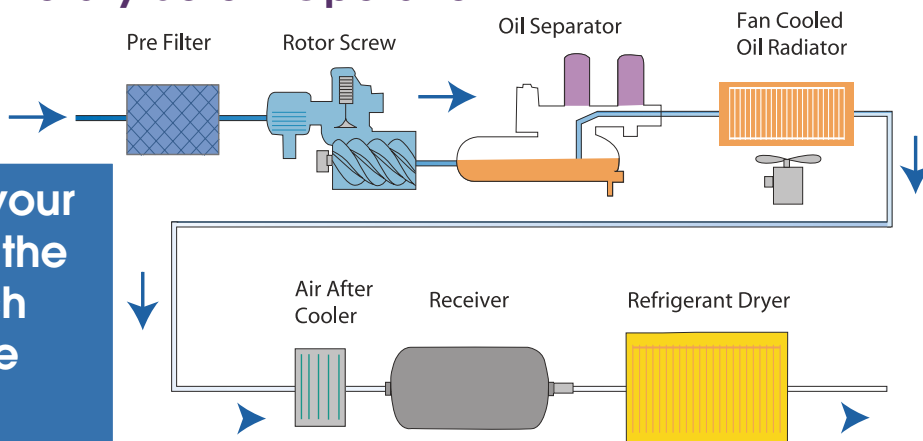
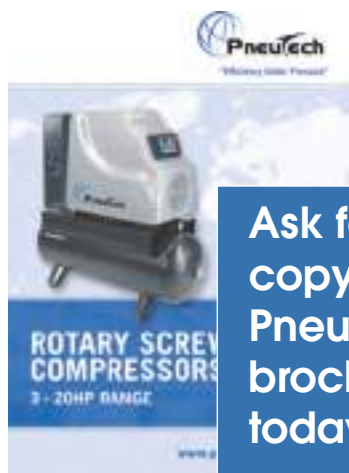
ROTARY SCREW TYPE COMPRESSOR



The Pneutech Rotary Screw Compressors are directly coupled to the electric motor, which gives an efficient 100% power transfer for optimum performances and low running costs. With fewer transmission parts, maintenance costs are also reduced.

The large air end revolves at a slow 3600rpm which ensures longevity and extra quiet operation (75dBA). This makes these units ideally suited to a wide range of automotive, engineering, food and manufacturing industries. Unlike most screw compressors, the Pneutech Rotary Screw Series Compressors have the unique ability to run intermittently

Rotary Screw Operation



Not sure what you need? Call us on 01452 525757

Rotary Screw Compressors

ROTARY SCREW COMPRESSORS - ELECTRIC

PNEUTECH ROTARY SCREW SERIES - FULLY INTEGRATED

The Pneutech integrated Rotary Screw series feature the complete compressed air package including the screw compressor, air receiver and refrigerated dryer, for an air supply of the highest quality. With all the features of the Stand Alone series, the Fully Integrated Series Compressors incorporate a refrigerated dryer complete with an adjustable solenoid drain to remove condensation in every situation. Mounted on a fully certified air receiver, the Pneutech integrated rotary screw compressor is ideally suited to spray and finishing applications or any other application where the air supply must be clean and dry.



	MOTOR KW HP		PRESSURE BAR PSI		FREE AIR DELIVERY (CFM)	DIMENSIONS (MM)	WEIGHT (KG)	SOUND (DBA)	CODE:
RS750TR	5.5	7.5	10	143	27	1500 x 1350 x 500	232	70	560-045
RS1000TR	7.5	10	10	143	36	1500 x 1350 x 500	248	70	560-047
RS1500TR	11	15	8.5	125	59	1600 x 550 x 1450	270	68	560-303
RS2000TR	15	20	8.5	125	72	1600 x 550 x 1450	280	68	560-302

ALL COMPRESSORS ARE ALSO AVAILABLE WITHOUT DRYER UNITS



Direct driven motor screw no V-belts and high energy transfer
Oil drain tubes for easy access
Strong compact compressor frame for rigidity



Logik programmable controller including:
High temperature shut down
Emergency shut down
Rotation monitor
Hour meter
Service schedule
Digital read out



Fan cooled oil radiator for lower operating temperature
Two stage oil filtration for maximum oil life

FINANCE AVAILABLE FOR CAPITAL EQUIPMENT*
CALL FOR YOUR COMPETITIVE RATE TODAY

*SUBJECT TO APPLICATION AND APPROVAL

For further information email us at sales@elmbridgeuk.com

Rotary Screw Compressors

PNEUTECH CR SERIES

Pneutech's RS CR Series direct drive rotary screw compressors are fast becoming a status symbol for strength and solidity. Renowned for their unparalleled performance and long term reliability, these flagship screw compressors demonstrate superior design and cutting edge technology, combined with proven engineering.



MODEL	POWER (KW)	HORSE POWER (HP)	FREE AIR DELIVERY (CFM)	PRESSURE (BAR)	DIMENSIONS (MM)	WEIGHT (KG)	AIR OUTLET SIZE
CR30 - 7	22	30	131	7	1380x850x1160	590	Rc 1
CR30 - 10			113	10			
CR50 - 7	37	50	215	7	1600x1000x1360	870	Rc 1 1/2
CR50 - 10			201	10			
CR60 - 7	45	60	258	7	1820x1000x1360	960	Rc 1 1/2
CR60 - 10			251	10			
CR75 - 7	55	75	360	7	2200x1360x1755	1730	DN50
CR75 - 10			307	10			
CR100 - 7	75	100	470	7	2200x1360x1755	1870	DN50
CR100 - 10			417	10			
CR100 - 12.5			342	12.5			
CR125 - 7	90	125	572	7	2800x1600x1775	2600	DN65
CR125 - 10			508	10			
CR125 - 12.5			441	12.5			
CR150 - 7	110	150	710	7	2800x1600x1755	2700	DN65

VARIABLE SPEED VERSIONS AVAILABLE FOR ALL ABOVE MODELS

PNEUTECH CRV SERIES

Carrying all the attributes of the CR Series, the CRV series variable speed drive rotary screw compressors demonstrate the huge energy saving benefits of VSD technology, and will increase the working lifetime of the compressor – through reduced working load and unnecessary wear.

Smart Inverter Controller facilitates low starting torque with Soft Start feature requiring less start-up amps
Standby function when load is reduced or stopped

SPEAK TO A MEMBER OF OUR SALES TEAM FOR FURTHER DETAILS

Not sure what you need? Call us on 01452 525757

Dryers & Air Receiver Tanks

PNEUTECH DRYERS

Refrigerator-cycle dryers designed to be compact, powerful and easily installed with minimal maintenance. Complying with EU regulations about ecology matters, all of our dryers use Gas Freon 134a. A digital electronic tool guarantees a steady working control of main parameters in any work condition, namely:

- Control and preservation of dew point
- Timer setting of condensation download
- Real-time viewing of operating condition

Pneutech Dryer series are able to deal with air flow rates from 14 - 371CFM and feature automatic condensation downloader.



HP	KW	CFM	VOLTAGE	CONNECTION SIZE	CODE
4	3	14	220/50/1	G 3/8" BSP	560-940
5.5 - 7.5	4 - 5.5	32	220/50/1	G 1/2" BSP	560-942
10	7.5	42	220/50/1	G 1/2" BSP	560-943
15	11	60	220/50/1	G 1" BSP	560-944
20	15	85	220/50/1	G 1" BSP	560-945
30	18.5	106	220/50/1	G 1" BSP	560-947
40	30	152	220/50/1	G 1 1/4" BSP	560-949
50	37	184	220/50/1	G 1 1/4" BSP	560-950
60	45	216	220/50/1	G 1 1/2" BSP	560-955
75	55	265	220/50/1	G 1 1/2" BSP	560-953
100	75	371	220/50/1	G 2" BSP	560-954

PNEUTECH AIR RECEIVER TANKS

Most compressed air systems require an air receiver for the storage of the compressed air to allow for a modulated air flow, while reducing the cycling workload on the compressor motor. Air receivers can be used to better utilise the compressed air capacity available and allow your system to perform more efficiently. Pneutech compressed air receivers are designed and manufactured to meet UK standards are built to be exceptionally durable with the ability to handle the pressures of everyday use.

CAPACITY	MAX PRESSURE		DIAMETER	HEIGHT	CODE
	BAR	PSI			
270L	11	159	550mm	1648mm	560-910
500L	11	159	600mm	2050mm	560-911
725L	11	159	750mm	2030mm	560-912
900L	11	159	800mm	2140mm	560-913
1000L	12	174	800mm	2350mm	560-914
1500L	12	174	1000mm	2305mm	560-916
2000L	12	174	1100mm	2145mm	560-915



INHOUSE & ONSITE COMPRESSOR SERVICING, MAINTENANCE AND HIRE AVAILABLE

CALL OUR SALES TEAM TO DISCUSS YOUR REQUIREMENTS TODAY

For further information email us at sales@elmbridgeuk.com

Air Filtration

AIR FILTRATION SYSTEMS

Good air treatment is an essential component to every industrial compressed air supply.

Too often, companies invest in a quality air compressor set-up with pneumatic tools and equipment, but overlook the real need for adequate filtration.

Inadequate or no filtration leads to premature corrosion and wear amongst the tools and equipment being operated, and this can amount to high repair and replacement costs.

The Pneutech PF Series industrial filtration is second-to-none in quality and performance. These filters are made from heavy aluminium castings for high strength to withstand pressures up to 230psi and to give long life in all environments. The extra-large aluminium bowl area adds to the filtration capacity by dissipating the heat build-up in the air supply and turning water vapour into condensate form for easy drainage. Each filter comes complete with an auto drain for hassle-free drainage, and option for a differential pressure gauge to enable to determine the saturation level of the replaceable filter element.



PNEUTECH P SERIES FILTRATION

The P series filter is a 3 micron filter designed as a pre filter for the removal of water, oil and solids down to 3 microns. It is the initial mandatory filter required for all pneumatic equipment to comply with ISO8573-1 Class 3.

MODEL	CFM/MIN	CONNECTION	CODE
KFE FTP51	30	G 3/8"	563-051
KFE FTP72	42	G 1/2"	563-052
KFE FTP111	65	G 3/4"	563-053
KFE FTP198	116	G 1"	563-054
KFE FTP330	194	G 1 1/2"	563-055
KFE FTP480	286	G 1 1/2"	563-056
KFE FTP750	441	G 1 1/2"	563-057



REPLACEMENT FILTER

Replacement filter to suit Pneutech P Series Air Filtration Systems.

MODEL	CODE
KFE FCP51	563-061
KFE FCP72	563-062
KFE FCP111	563-063
KFE FCP198	563-064
KFE FCP330	563-065
KFE FCP480	563-066
KFE FCP750	563-067



PNEUTECH S SERIES FILTRATION

The S series filter is a 1 micron filter designed as a coalescing filter for the removal of water, oil and solids down to 1 microns. It will provide protection to pneumatic tools, controls and motors, delivering air quality meeting ISO8573-1 Class 2.

MODEL	CFM/MIN	CONNECTION	CODE
KFE FTS51	30	G 3/8"	563-031
KFE FTS72	42	G 1/2"	563-032
KFE FTS111	65	G 3/4"	563-033
KFE FTS198	116	G 1"	563-034
KFE FTS330	194	G 1 1/2"	563-035
KFE FTS480	286	G 1 1/2"	563-036
KFE FTS750	441	G 1 1/2"	563-037



REPLACEMENT FILTER

Replacement filter to suit Pneutech S Series Air Filtration Systems.

MODEL	CODE
KFE FCS51	563-041
KFE FCS72	563-042
KFE FCS111	563-043
KFE FCS198	563-044
KFE FCS330	563-045
KFE FCS480	563-046
KFE FCS750	563-047

Air Filtration



PNEUTECH X SERIES FILTRATION

A 0.01 micron high efficiency filter for removal of solid and liquid particles down to 0.01 micron, including oil. Providing protection adequate for air use in spray-painting, electronics and food, delivering air quality of ISO8573-1 Class 1.

MODEL	CFM/MIN	CONNECTION	CODE
KFE FTX51	30	G "	563-071
KFE FTX72	42	G ½"	563-072
KFE FTX111	65	G ¾"	563-073
KFE FTX198	116	G 1"	563-074
KFE FTX330	194	G 1" ½	563-075
KFE FTX480	286	G 1" ½	563-076
KFE FTX750	441	G 1" ½	563-077

PNEUTECH Z SERIES FILTRATION

The Z series filter is a 0.001 activated carbon filter removing vapours and odours, including oil. This filter is designed for breathing applications, pharmaceutical and food industries. It provides air quality exceeding ISO 8573-1 Class 1.

MODEL	CFM/MIN	CONNECTION	CODE
KFE FTZ51	30	G "	563-091
KFE FTZ72	42	G ½"	563-092
KFE FTZ111	65	G ¾"	563-093
KFE FTZ198	116	G 1"	563-094
KFE FTZ330	194	G 1" ½	563-095
KFE FTZ480	286	G 1" ½	563-096
KFE FTZ750	441	G 1" ½	563-097



REPLACEMENT FILTER

Replacement filter to suit Pneutech X Series Air Filtration Systems.

MODEL	CODE
KFE FCX51	563-081
KFE FCX72	563-082
KFE FCX111	563-083
KFE FCX198	563-084
KFE FCX330	563-085
KFE FCX480	563-086
KFE FCX750	563-087

REPLACEMENT FILTER

Replacement filter to suit Pneutech Z Series Air Filtration Systems.

MODEL	CODE
KFE FCZ51	563-141
KFE FCZ72	563-142
KFE FCZ111	563-143
KFE FCZ198	563-144
KFE FCZ330	563-145
KFE FCZ480	563-146
KFE FCZ750	563-147



METAL WORK FILTER REGULATOR

MODEL	CODE
1/4" 0-8 BAR	563-100
3/8" 0-8 BAR	563-101
1/2" 0-12 BAR	563-102
1/2" 0-8 BAR	563-105
3/4" 0-8 BAR	563-106
bracket for G 3/8 - 1/2	563-701
1" with wall plate + gauge	563-103
1/8" 0-12 BAR gauge	564-500



METAL WORK PRESSURE REGULATOR

MODEL	CODE
1/4" 0-8 BAR	563-200
3/8" 0-8 BAR	563-201
1/2" 0-8 BAR	563-202
1/8" 0-12 BAR gauge	564-500



METAL WORK LUBRICATOR

MODEL	CODE
1/4"	563-300
3/8"	563-301
1/2"	563-302

METAL WORK FILTER REGULATOR

MODEL	CODE
1/8" 0-12 BAR gauge	564-500

**INHOUSE & ONSITE COMPRESSOR SERVICING, MAINTENANCE AND HIRE AVAILABLE
CALL OUR SALES TEAM TO DISCUSS YOUR REQUIREMENTS TODAY**

For further information email us at sales@elmbridgeuk.com

Air Hoses & Quick Release Fittings

AIR HOSES

Elmbridge supplies a full range of air hoses and fittings. These can be supplied in component form or can be constructed to complete assemblies. Call our sales team to discuss your exact specification.



BLACK RUBBER AIR HOSE

High quality 20 bar hose

SIZE	CODE
6mm ID	568-200
8mm ID	568-201
10mm ID	568-202
13mm ID	568-203
19mm ID	568-204



BLACK RUBBER AIR HOSE ASSEMBLY

High quality 20 bar hose
3/4 bore c/w claw fittings and safety clamps

SIZE	CODE
10m x 5/16" with 1/4" swivel connector	568-210
10m x 5/16" with quick release fittings	568-212



NYLON HOSE - NATURAL

SIZE	CODE
4mm ID	568-001
5mm ID	568-002
6mm ID	568-003
8mm ID	568-004
10mm ID	568-005
12mm ID	568-006

PCL QUICK RELEASE AIR FITTINGS

The Airflow is the original quick-release coupling with over 50 years of design enhancements, and is manufactured in the UK to the highest standards.



SCREWED ADAPTERS

SIZE	CODE
1/4" BSP Female	565-299
1/4" BSP Male	565-300
3/8" BSP Male	565-301
1/2" BSP Male	565-306



STANDARD ADAPTER TAIL

SIZE	CODE
1/4" Tail	565-303
5/16" Tail	565-304
3/8" Tail	565-305



STANDARD COUPLER HOSE TAIL

SIZE	CODE
1/4" Tail	565-106
5/16" Tail	565-107
3/8" Tail	565-108



STANDARD COUPLERS

SIZE	CODE
1/4" BSP Male	565-103
3/8" BSP Male	565-104
1/2" BSP Male	565-105
1/4" BSP Female	565-100
3/8" BSP Female	565-101
1/2" BSP Female	565-102



TWIN COUPLING

SIZE	CODE
1/4" Tail	565-109

Not sure what you need? Call us on 01452 525757

Claw Type Air Fittings

CLAW TYPE AIR FITTINGS

We supply a full range of claw type air fittings. These are particularly suitable for larger air tools such as spray equipment, torque wrenches and construction equipment.



FEMALE CLAW FITTING

SIZE	CODE
3/8" BSP	565-374
1/2" BSP	565-375
3/4" BSP	565-376
1" BSP	565-377



MALE CLAW FITTING

SIZE	CODE
3/8" BSP	565-378
1/2" BSP	565-379
3/4" BSP	565-380
1" BSP	565-381



HOSE TAIL CLAW FITTINGS

TAIL SIZE	CODE
3/8"	565-370
1/2"	565-371
3/4"	565-372
1"	565-373



WHIP CHECK CABLES

Quality meets current legislation
For 1/2" - 1 1/4" hose

SIZE	CODE
1/2" - 1 1/4"	565-236
1 1/2" - 3" HD	565-237



MALLEABLE IRON ZINC PLATED CLAMPS

3/4 hose bore 26 - 32mm
Double claw air hose clamp

SIZE	CODE
One Size	565-383



MALLEABLE IRON ZINC PLATED CLAMPS

3/4 hose bore 27 - 32mm Includes bolts
Standard air hose clamps

SIZE	CODE
Gauze to fit all couplings	565-382



COMPRESSOR AIR SILENCER

SIZE	CODE
3/4"	565-336



SPARE DOUBLE LOCK SEALS

SIZE	CODE
One Size	565-251



15M COMPRESSOR AIR HOSE

SIZE	CODE
3/4"	565-050

ROAD-TOW COMPRESSORS AVAILABLE TO HIRE

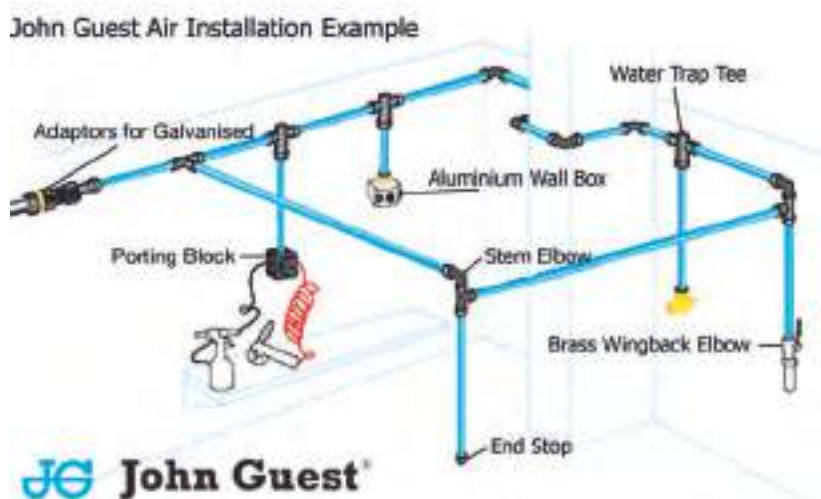
SPEAK TO OUR SALES TEAM FOR FURTHER DETAILS

For further information email us at sales@elmbridgeuk.com

Air Ring Main Fittings

JOHN GUEST AIR FITTINGS

The John Guest range of push-in fittings and pipe provide the ideal connection from compressor receiver to air line service components through to complete ring main and take off points. No need to prepare threaded pipe or solvent, all the connections can be made with a simple push-in action. The system is then immediately ready for use. Complex systems can be assembled much more rapidly than with traditional methods and because fittings are easy to disconnect, systems can be altered or extended with much reduced production down time. The fittings are produced in either a tough engineering plastics material or in brass in sizes 15mm to 28mm. They are intended for use with John Guest nylon pipe but can also be used with copper or aluminium pipe.



RIGID NYLON PIPE

SIZE MM X M	CODE
15mm x 3m	565-720
22mm x 3m	565-721
28mm x 3m	565-722



REDUCING TEE

PIPE OD ENDS X TUBE OD BRANCH	CODE
22mm x 15mm	565-751



REDUCER

STEM OD X PIPE OD	CODE
15mm x 12mm	565-763
22mm x 15mm	565-734
28mm x 15mm	565-719
28mm x 22mm	565-744



EQUAL ELBOW

PIPE OD	CODE
15mm	565-752
22mm	565-756
28mm	565-729



EQUAL TEE

PIPE OD	CODE
15mm	565-727
22mm	565-755
28mm	565-728



STRAIGHT CONNECTOR

PIPE OD	CODE
15mm	565-757
22mm	565-758
28mm	565-730

Not sure what you need? Call us on 01452 525757

Air Ring Main Fittings



STEM ADAPTER

BSP thread, converts push fit to male thread.

STEM OD X THREAD BSP	CODE
15mm x 3/8"	565-732
15mm x 1/2"	565-731
15mm x 3/4"	565-733
22mm x 3/4"	565-783



STRAIGHT ADAPTER

BSP thread.

PIPE OD X THREAD BSP	CODE
15mm x 3/8"	565-787
15mm x 1/2"	565-753
15mm x 3/4"	565-789
22mm x 3/4"	565-754



BLACK PLUG

Provides permanent or temporary shut off.

STEM OD	CODE
15mm	565-745
22mm	565-746
28mm	565-747



U-BEND

Push fit U-Bend fitting.

SIZE	CODE
15mm	565-786



WATER TRAP TEE

Solves the problem of moisture in a compressed air system.

PIPE OD ENDS	CODE
22mm	565-792



END STOP

Provides permanent or temporary shut off.

PIPE OD	CODE
15mm	565-796
22mm	565-797



STEM ELBOW

Stem can swivel in any direction.

PIPE OD X STEM OD	CODE
15mm x 15mm	565-735
22mm x 22mm	565-736



BRASS STRAIGHT ADAPTER

PIPE OD X THREAD	CODE
15mm x 1/2" BSPT	565-741
22mm x 3/4" BSPT	565-742
28mm x 1" BSPT	565-759



PIPE CLIPS

PIPE OD	CODE
15mm	565-723
22mm	565-724
28mm	565-725



BRASS WINGBACK ELBOW

With BSP Thread

PIPE OD X THREAD	CODE
15mm x 1/2" BSP	565-748
22mm x 3/4" BSP	565-750



FEMALE BRASS STEM ADAPTER

Converts push fit end to female thread.

STEM OD X THREAD	CODE
15mm x 1/2" BSP	565-738
22mm x 3/4" BSP	565-739



MALE BRASS STEM ADAPTER

Converts push fit end to male thread.

STEM OD X THREAD	CODE
15mm x 1/2" BSPT	565-767
22mm x 3/4" BSPT	565-737
22mm x 3/4" NPT	565-736
22mm x 1" NPT	565-735



IMPACT WRENCHES

A range of heavy duty high torque air impact wrenches designed for power, control, accuracy and comfort. Range of sizes cover from heavy use to light use applications.

SQUARE DRIVE	MAX TORQUE	AVERAGE CFM	WEIGHT KG	CODE
1/2"	1015 Nm	6	1.95	562-601
3/4"	1356 Nm	8	3.65	562-602
1"	2700 Nm	13.4	7.68	562-603



DRILLS

Air drills available in straight, angled and pistol body types. Ideal for general drilling in the workshop or on site. Smooth and efficient air motor, lightweight and powerful.

TYPE	CAPACITY	FREE SPEED	AVERAGE CFM	WEIGHT KG	CODE
Straight	10mm	4,500 rpm	5	0.94	562-805
Angled	10mm	1,800 rpm	5.4	1.11	562-800
Pistol	13mm	2,200 rpm	3.8	1.57	562-804



DIE GRINDERS

Die grinders with 1/4" collet for use with tooling with fixed shaft. These include flap wheels, rotary burs, mounted points etc.

TYPE	CAPACITY	FREE SPEED	AVERAGE CFM	WEIGHT KG	CODE
Straight	1/4"	20,000 rpm	4.9	0.61	562-900
90° die grinder	1/4"	18,000 rpm	5.3	0.5	562-907



AIR HAMMER KIT

Medium stroke air hammer for general purpose use. Ideal tool for removing rust and other unwanted properties on metal surfaces.

BLOWS P/MIN	STROKE	AVERAGE CFM	WEIGHT KG	CODE
3,200	2 5/8"	3.3	1.5	562-510

Air Tools

AIR SANDERS

Ideal for finishing body filler and sanding contoured surfaces. Heavy duty balanced ball bearing construction for vibration free performance.

TYPE	PAD SIZE	FREE SPEED	AVERAGE CFM	WEIGHT KG	CODE
150MM DUAL ACTION SANDER	6" (150mm)	10,000 rpm	4	1.89	562-100
150MM RANDOM ORBITAL SANDER	6" (150mm)	10,000 rpm	6.3	1.58	562-104
ORBITAL FLAT BED JITTERBUG SANDER	90 x 165mm	7,000 rpm	3.5	1.85	562-133



BELT SANDERS

Robust, powerful belt sander designed for professional workshop applications. Ideal for sanding awkward shapes and angles.

BELT SIZE	FREE SPEED	AVERAGE CFM	WEIGHT KG	CODE
10 x 330mm	10,000 rpm	5.6	0.78	562-102
20 x 520mm	16,000 rpm	5.9	1.36	562-137



ANGLE GRINDER

Professional grinder for heavy workshop use. Ideal for grinding, deburring, cutting or finishing. Perfect for cleaning castings and smoothing welds. Steel disc guard, throttle safety device and side handle for easy operator control.

WHEEL SIZE	FREE SPEED	AVERAGE CFM	WEIGHT KG	CODE
4.5"	12,000 rpm	6.2	1.82	562-002
5"	12,000 rpm	6.2	1.82	562-215
7"	7,000 rpm	6.2	3.2	562-001

STRAIGHT NEEDLE SCALER

Suitable for cleaning rust scale and heavy paint from metal surfaces. 19 hardened alloy steel, replaceable needles for increased productivity.

BLOWS P/MIN	AVERAGE CFM	WEIGHT KG	CODE
4,000	9.9	2.8	562-115

RIVETER

Quality riveting tool for aluminium, steel and stainless steel rivets. Ideal for high production work.

RIVET SIZE	AVERAGE CFM	CODE
2 - 4.8mm	0.5	562-400
2 - 6.4mm	0.5	562-401





Section 9

Site & Safety

CONTENTS

Measuring Equipment	P146
Hammers, Mallets & Spanners	P147
Podgers, Ratchets, Impact Sockets, Riveting	P148
Hand Tools & Clamping	P149
Electrical & Site Accessories	P150
Engine Driven Generators	P151
Eyewear	P152 - 153
Visors, Safety Helmets & Accessories	P154
Ear Protection	P155
Face Masks	P156 - 157
Disposable Gloves	P158
Safety Gloves	P159 - 161
Disposable Safety Clothing	P162 - 163
High Viz Clothing	P163
Workwear	P164
Safety Footwear	P164 - 165
Pressure Washers / Vacuum Cleaners	P166
Hand Cleaners	P167 - 168
Cleaning Detergents	P169
Toweling, Rags & Dispensers	P170

Measuring Equipment



TRADE TAPE

Professional quality tape measure with shock-proof rubber casing. Perfect for all in the building trade. From engineers and fabricators to architects & surveyors our quality tape measure is bound to 'measure up to the job'!



STEEL RULE - 64R

An engineers, precision, rustless rule, metric/imperial on 2 sides, 4 edges. Imperial side is graduated to 16ths, 32nds, 64ths, 10ths, 20ths, 50ths, 100ths. Metric side is graduated to 0.5mm. Class 1.



COMBINATION SQUARES

Can be used as a try and mitre square, depth gauge, steel rule and straight edge. Spirit level gives horizontal plumb on 45° readings. Centre head enable the centre of circular objects to be located.



ENGINEERS SQUARES

Carefully crafted from high quality tool steel, these squares are accurate to BS939 Grade B standard. The stock and blade are precision ground to ensure straightness and accuracy, and spring steel blade is hardened and tempered for increased durability.



LEVELS

Traditional light alloy box section spirit level with smooth powder coated surface, supplied with 1 horizontal and 1 vertical vial. The ideal level for DIY or professional use, especially wet trades due to the ease of cleaning the level profile.



STANLEY POWERLOCK

The powerlock tape features a spring return, durable blade in a chrome plated plastic case. Automatic blade return with thumb operated lock detachable steel belt clip.



SURVEYORS TAPE MEASURE

Professional grade, high specification surveying tape features an impact resistant moulded ABS open frame, ultrasonically welded for extra strength. Long winding lever and easy grip knob for quick rewinding.



COMBINATION SET

Includes square, centre and reversible protractor heads and blade.



DIGITAL VERNIER CALIPERS

Manufactured from hardened stainless steel, this three function electronic digital caliper provides precision readings through a clear liquid crystal display. Includes a fine adjustment roller which allows precise measurements to be taken quickly and easily.



CHALK LINES & REFILLS

Quick and effective line marking when building or decorating. The die cast body contains a 30m line reel which passes through a reservoir of coloured chalk (not supplied), coating it as it is reeled out. Chalk reel refills of powdered chalk, with easy pouring spout.

Hammers, Mallets & Spanners



BALL PEIN

Universal engineers metal working hammer, precision ground with hardened striking faces to withstand the rigours of all metal working applications. Fitted with a traditional hickory handle.



SLEDGE HAMMER

A general purpose hammer for builders and contractors. Both striking faces are precision ground, specially hardened and heat treated to withstand the highest impact applications. With a selected fully seasoned hickory handle, fitted by a unique combination wedge.



THOR COPPER - RAWHIDE HAMMER

Malleable iron head fitted with one rawhide and one copper face and a wooden handle. Ideal for use where a heavy blow is required in a relatively small striking area. Both face's are designed to wear and be replaced - spare faces are available.



NYLON HAMMER

Chrome plated zinc head with two screw-in nylon faces which are designed to be replaced when worn. Used as a multi-purpose striking tool in most assembly applications including engineering, furniture, shop-fitting, partitioning, double glazing and injection moulding operations.



CLAW HAMMER

A carpenters hammer with precision ground and hardened claws to withstand the most heavy nail pulling. Securely fitted with steel shaft providing maximum leverage. Rubber non-slip handle grip.



CLUB HAMMER

A general purpose hammer for builders and contractors for delivering close heavy blows. Precision ground striking faces, specially hardened and heat treated to withstand the most high impact heavy applications. Fitted with either a selected fully seasoned hickory handle or a rubber non-slip handle grip.



BLACK RUBBER MALLET

A one-piece design with rubber head and self locking handle. These semi-hard rubber mallets give a gentle but firm blow with little rebound. Ideal for use under damp conditions or outdoors.



RATCHET COMBINATION SPANNER METRIC

Ratcheting combination spanner. Combined ring/open ended spanner and 72 teeth 12 point ring ratchet with flip reverse. Same size at both ends. Chrome vanadium, satin finish. Available sizes:- Metric= 7 - 32mm. Please specify size with code when ordering.



SPRING HANDLE CHIPPING HAMMER



COMBINATION SPANNER METRIC

Top quality spanner manufactured for chrome vanadium steel with a satin finish. Proven to be the best overall choice for performance, strength and value for money. Available sizes:- Metric= 6 - 52mm

Podgers, Ratchets, Impact Sockets & Riveting



RING & OPEN ENDED PODGERS

Ring podgers for best grip on bolts, ideal for steel erectors. Simply the best quality podgers available. Also available as open ended.



RATCHET PODGERS

Twin head ratchet podger spanner for fast bolt tightening or release. Strong design and forward/reverse lever.



BRITTOOL RATCHETS

Heavy duty ratchets featuring flip reverse mechanism and quick socket release. All extension bars and adaptors readily available for demanding applications in workshops or on site.

TORQUE WRENCH

Industrial torque wrench for checking tightness of bolts. Flip reverse setting. Angular torque setting gauge. Up to 1500Nm available.

1/2" LOOSE SOCKETS METRIC



1/2" LOOSE SOCKETS IMPERIAL



1/2" & 3/4" DEEP IMPACT SOCKETS METRIC



**SOCKET SETS
AVAILABLE FROM STOCK**



RIVETING



LAZY TONG RIVETER

Heavy duty lazy tong riveters for ease of use and large rivets.

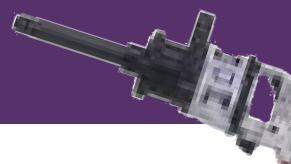


STANDARD RIVETER

All steel single hand riveting tool - up to 5mm rivets.



**SEE PAGES 143 - 144 FOR
AIR IMPACT WRENCHES**



For further information email us at sales@elmbridgeuk.com

Hand Tools & Clamps



PLIERS

Cushion grip pliers to cover general workshop requirements. All other types available. All with hardened wire cutter jaws.



WISE-GRIPS

The original Vise-grip. Invaluable for a range of applications out on site or in the works.



SCREWDRIVERS

Screwdriver sets for everyday applications. Also available individually.



G-CLAMPS

For heavy duty applications. Strong ribbed steel cast frame



HEX KEY SETS

Professional quality keys made from hardened chrome vanadium steel. Single keys available on request.



C-CLAMP

Locking C-Clamps reach into places where ordinary clamps cannot be used.



PIHER CLAMPS

Non-slip brake preventing the tool from loosening or losing grip in jobs involving bangs or vibrations. Rolled spring steel bar which gives maximum pressure held throughout the whole job.



BESSEY GH LEVER CLAMP

Lightweight and easy to handle clamping up to five times faster than standard clamps. Small amount of effort can quickly produce large clamping pressures.



QUICK SINGLE CLAMP

Quick action clamp with soft plastic pads for delicate fastening applications. The clamp head can also be reversed for expanding.



CARVER RACK CLAMPS

The welder's favourite. Standard duty rack clamp used in all areas of welding, fabrication and engineering.

Electrical & Site Accessories



PLUGS & SOCKETS

An essential range of industrial plugs and sockets.

THREE PHASE EXTENSION LEADS AVAILABLE ON REQUEST



TRAILING EXTENSION LEADS

Heavy duty extension leads suitable for use on site or in the workshop.



TRAILING EXTENSION REEL

Heavy duty extension leads suitable for use on site or in the workshop.



TRANSFORMERS

Heavy duty transformers to convert from 240V to 110V. Ideal for all site use.



LED LIGHTS AVAILABLE ON REQUEST



PORTABLE SITE LIGHTS

Site lights to suit both commercial and domestic use. Excellent illumination from each lamp. All leads fitted with plugs.

Engine Driven Generators



MOSA PETROL & DIESEL GENERATORS

DESCRIPTION	ENGINE	KVA	VOLTAGE	CODE
GE 3500 KBM Petrol	Kohler H 270 command pro	3.6	230V / 110V	530-350
GE S-5000 BBM Petrol	B&S - XR1450	5	230V / 110V	530-500
GE S-7000 HBM Petrol	Honda - GX 390	6.7	230V / 110V	530-700
GE S-8000 HBT Petrol	Honda - GX 390	8	400V / 230V	530-800
GE 12000 HBS Petrol	Honda GX 630	14.5	400V / 230V	530-120
GE 14000 KSX Diesel	Kohler KD 477-2	15	400V / 230V	530-140



Mosa manufactures an extensive range of generating sets from **4KVA to 275KVA** that are designed to provide portable and standby power in all situations where mains power is unavailable or at risk of interruption. Typical applications would include, standby emergency power, construction sites and rental / remote areas beyond the mains supply.



WELDER GENERATORS

CAN BE FOUND ON PAGE 6 - 7

Eyewear



VISITOR OVERSPECTACLES

These lightweight poly carbonate visitor spectacles have moulded sideshields & browguards and can be worn on their own or over current style prescription glasses.

DESCRIPTION	CODE
Clear visor spectacles	440-002
Shaded visor spectacles	440-001



G5 SHADED SAFETY SPECTACLES

A twin lens wraparound spectacle with shade 5 UV/IR abrasion resistant lenses and burgundy soft frame coating for comfort and fit.

DESCRIPTION	CODE
G5 Shade 5 Spectacles	440-006



ESABSP ECONOMY CLEAR SAFETY SPECTACLES

- Stylish Sporty Design
- 3 Different Lens types
- Lightweight
- Durable
- According to EN 166-F
- Optical Class 2
- Individually Bagged
- Boxed in quantities of 10

DESCRIPTION	CODE
0700 012 017 Safety Spectacles	440-700



3M SOLUS SAFETY SPECTACLES

Weighing only 23g, Solus safety glasses are comfortable and sophisticated. The lens curve has been calculated to optimise the fitting, field of vision and coverage of the eyes. Available with Mirror coating to help reflect glare.

DESCRIPTION	CODE
Solus clear	441-105
Solus red mirror	441-106



3M TORA SAFETY SPECTACLES

The Tora range have 9D base curved lens and offer excellent peripheral vision and perfect lateral side protection (optical class 1). Extremely lightweight at only 22g, cool image and perfect fit makes this a very popular line.

DESCRIPTION	CODE
Tora clear	441-009

ABRASIVES
CAN BE FOUND ON PAGES 90 - 104



Eyewear



BOLLÉ COBRA CLEAR SAFETY GLASSES

COBRA, one of the best-selling models of safety glasses.

- Upper protection
- Panoramic version
- Non-slip bridge

DESCRIPTION	CODE
Cobra clear	441-300



BOLLÉ TRACKER CLEAR SAFETY GOGGLES

Ultra-comfortable and technical, Tracker provides protection from all mechanical risks and also chemical risks, making it unique in the safety glasses range.

- Upper & Lower protection
- Removable foam reinforcement with indirect ventilation
- Removable adjustable strap
- Side ventilation
- Platinum® coating

DESCRIPTION	CODE
Tracker Clear	441-303



SHADE 5 SAFETY GOGGLES

Premium quality goggle designed for use for long periods of time. Large viewing area gives unrestricted vision all around. Available with clear or shaded anti-mist, scratch resistant lenses.



BOLLÉ RUSH+ SAFETY GLASSES

The RUSH+ small adopts an ultra-sporty design, is now available in size small, for narrower faces

- Upper protection
- Non-slip adjustable bridge
- Platinum® coating
- Co-injected ultra-flexible temples

DESCRIPTION	CODE
Rush+ Clear	441-009
Rush+ Smoked	441-304



BOLLÉ ILUKA SMOKE SAFETY GLASSES

Thin, light and ultra-enveloping, ILUKA is suitable for narrow faces. Its thin co-injected temples will provide optimal support throughout the day and will easily fit under a protective helmet.

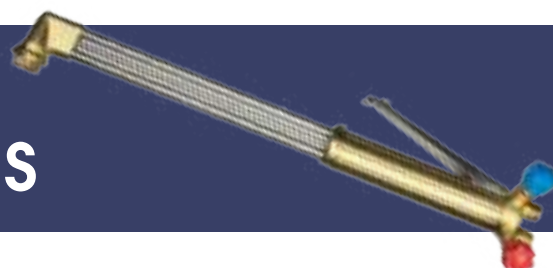
DESCRIPTION	CODE
Iluka Smoked	441-302



STANDARD CLEAR & SHADED GOGGLES

Range of economically priced goggles designed to protect the eyes against impact from flying particles, liquid splashes and coarse material in applications such as turning, occasional grinding, chipping & sanding. Also supplied in shaded version for gas cutting, plasma cutting etc. The flip front goggle offers both a clear and shaded lens.

**SEE PAGES 82-83 FOR
GAS CUTTING TORCHES**



Not sure what you need? Call us on 01452 525757

Visors, Safety Helmets & Accessories



PULSAFE FACESHILD BROWGUARD

Features an elasticated headband.

DESCRIPTION	CODE
CB14 Browguard	443-001
CV84 Clear visor	443-003
CV85 Shade 5 visor	443-005



PULSAFE BIONIC FACE SHIELD

Extremely adjustable for maximum comfort and protection.

DESCRIPTION	CODE
Bionic face shield complete	443-623
Replacement clear visor	443-625
Replacement shade 5 visor	443-629



3M™ PELTOR™ HELMET ACCESSORIES

Accessories available to adapt Peltor™ to your individual needs, designed to work together, necessary for good protection and high comfort.

DESCRIPTION	CODE
Peltor™ Optime™ II earmuff	432-059
Peltor™ Optime™ III earmuff	432-060
Peltor™ V5 Carrier visor	432-053
Peltor™ 5F Clear polycarbonate visor	432-055



3M™ PELTOR™ G2000 SOLARIS™ SAFETY HELMET

UV-stabilised ABS safety helmet complete with good ventilation, customisable space, Peltor™ Uvicator™ technology (telling you when to replace your helmet), and attachment point for various accessories. Fully compliant with EN 397. Size 54 - 62cm. Available in grey, yellow, white, orange, red, blue and green.

DESCRIPTION	CODE
White	432-002

Ear Protection



3M™ EAR MUFFS

Basic protection at an affordable price. Ideal for day long use and suitable for most noise levels apart from the very loudest environments. Ergonomic and adjustable close-fit headband.



3M™ PELTOR™ OPTIME™ III EAR MUFFS

Developed with a double cup for use in extremely high noise environment, particularly those dominated by low frequencies. Headband, neckband, fold-able, helmet mounted, electrically insulated headband (dielectric) and Hi-Viz green versions available.



E.A.R. EXPRESS & BANDED EARPLUGS

The unique design allows the foam to compress easily so that the plug slides gently into the ear and expands slowly, The insertion grip makes handling easier. Suitable as disposable plugs for visitors.



MOLDEX PURA-FIT EARPLUGS

Comfortable PU foam earplugs suited to protect against long-term exposure. Soft material that is easy to insert.



HOWARD LEIGHT EARPLUGS

Smooth, soil-resistant foam skin prevents dirt build-up

Face Masks



NUISANCE COMFORT MASKS

General purpose masks for use in dusty areas. Non-approved.

QUANTITY	FFP LEVEL	CODE
Box of 50	N/A	400-001



ECONOMY VALVED MASKS FFP2

FFP2 masks providing respiratory protection against fine particles, low to average toxicity, solid and liquid aerosols. Features active carbon layer offering relief from ozone and low levels of gases and vapours below OEL limits. EN149:2001

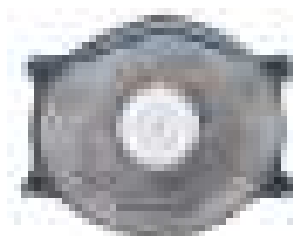
QUANTITY	FFP LEVEL	CODE
Box of 10	FFP2	402-101



3M 9922 VALVED WELDING FUME MASKS FFP2

The 3M™ Speciality Disposable Respirator 9922 provides lightweight, comfortable and hygienic protection against dust, mist, nuisance level organic vapour and ozone. Meets EN 149:2001 + A1:2009

QUANTITY	FFP LEVEL	CODE
Box of 10	FFP2	402-922



FFP2 MOULDED ACTIVE CARBON RESPIRATOR

Respiratory Protection Against Low to Average Toxic Dusts, Powders and Fine Particles with Active Carbon Layer Offering Relief from Ozone and Low Levels of Gases and Vapours Below OEL Limits. Includes an Exhalation Valve. Protection Factor 10.

QUANTITY	FFP LEVEL	CODE
Box of 10	FFP2	402-101



3M FFP1 VALVED MASKS

Cup-shaped valved dust/mist respirator. Protection against fine respirable dusts with 3M Cool Flow valve for comfort.

QUANTITY	FFP LEVEL	CODE
Box of 10	FFP1	401-002



MOLDEX 2405 VALVED MASKS FFP2

DuraMesh®: strong and durable structure, keeps the mask in shape. ActivForm®: no nose clip needed. Meets EN149:2001.

QUANTITY	FFP LEVEL	CODE
Box of 20	FFP2	402-002



ECONOMY VALVED MASKS FFP3

FFP3 Respiratory protection against highly toxic dusts and powders. Includes an valve to allow exhaled air to be vented without compromising protection. Meets EN149:2001.

QUANTITY	FFP LEVEL	CODE
Box of 10	FFP3	403-003



3M AURA 9332+ VALVED MASKS FFP3

Embossed Top Panel, Individually Wrapped, Ingenious 3-panel Design, Innovative Chin Tab, Sculpted Nose Panel. Recommended for Agricultural Industry. Meets EN149:2001.

QUANTITY	FFP LEVEL	CODE
Box of 10	FFP3	402-100

Face Masks



3M 4000+ SERIES MAINTENANCE-FREE REUSABLE RESPIRATORS

Ready-to-use, maintenance-free half masks, designed with integral filters for effective and comfortable protection against many gases, vapours and particulate hazards. Maximum safety and simplicity.
No maintenance records required if disposed of within one month
2 large bonded carbon filters for low breathing resistance
Low profile design for better peripheral vision
Low resistance parabolic valve to reduce heat build-up
Soft/Non-allergenic face piece material

Standard: EN405:2001 | Approval: CE marked
3M 4251+ Organic Vapour and Particulate Respirator: FFA1P2R D Gases/ Vapours: 10xWEL or 1000ppm whichever is lower; Particulates: 10xWEL

3M 4255+ Organic Vapour and Particulate Respirator: FFA2P3R D Gases/ Vapours: 10xWEL or 5000ppm whichever is lower; Particulates: 20xWEL

DESCRIPTION	FFP LEVEL	CODE
3M 4251+	FFP2	403-001
3M 4255+	FFP3	403-002



3M 6000 SERIES REUSABLE FULL FACE MASK RESPIRATORS

incorporates combined eye, face and respiratory protection. Face pieces incorporate the 3M Bayonet Filter fixing system enabling a wide range of filters to simply click into place.

DESCRIPTION	FFP LEVEL	CODE
Reuseable full face mask	FFP3	404-690



3M™ 7000 SERIES REUSABLE HALF FACE MASK RESPIRATORS

Lightweight, collapse-resistant mask provides effective protection from fine dusts up to 10xWEL. Features high efficiency exhalation valve, nose foam & adjustable clip. Meets EN149:2001. CE Marked.

QUANTITY	FFP LEVEL	CODE
Reuseable half mask	FFP2	404-101

MASK FILTERS

DESCRIPTION	CODE
3M 5925 P2 particulate filter	404-103
3M 5935 P3 pre-filters (pair)	404-593
3M 6055 A2 glass + organic vapour filter	404-605
3M 105 filter retainer (2 pack)	404-105
3M A2P filters to suit Jupiter Turbo Unit (pair)	404-202



404-103



404-5935



404-202



404-6055

Disposable & Safety Gloves



DISPOSABLE BLACK NITRILE GLOVES

Black Nitrile Powder-Free Gloves.
Soft texture.
Flexible and durable.
Box of 100.
Available in Small, Medium, Large and Extra-Large.

SMALL 61/2	MEDIUM 71/2	LARGE 81/2	X LARGE 91/2
430-010	430-020	430-030	430-040



DISPOSABLE NITRILE GLOVES

Made from a nitrile compound which offers outstanding chemical and mechanical properties, comfort and dexterity. Safer on sensitive skin and contains no natural rubber. Three times the puncture resistance of latex or PVC disposable. Available in Small, Medium, Large and Extra-Large.

SMALL 61/2	MEDIUM 71/2	LARGE 81/2	X LARGE 91/2
430-100	430-101	430-102	430-103



DISPOSABLE LATEX GLOVES

Latex Gloves with rolled cuff. Reduces risk of product contamination. Low protein levels and toxins, ideal for those with sensitive skin. Ambidextrous.
available in Small, Medium, Large and Extra-Large.

	SMALL 61/2	MEDIUM 71/2	LARGE 81/2	X LARGE 91/2
POWDERED	430-006	430-007	430-008	430-009
NON-POWDER	430-204	430-202	430-201	430-203



DISPOSABLE VINYL GLOVES

Powdered vinyl with a rolled cuff for additional strength and the prevention of liquid roll back. Powdered for easy donning and sweat absorption. Clear on colour.
available in Small, Medium, Large and Extra-Large.

SMALL 61/2	MEDIUM 71/2	LARGE 81/2	X LARGE 91/2
430-002	430-003	430-004	430-005



MAPA 492 NITRILE GLOVE

Good mechanical resistance and long-lasting chemical protection.

SIZE	CODE
9 - 9.5	481-006



PVC GAUNTLETS

Single dipped red PVC fully coated gauntlet.
One Size.

SIZE	CODE
9 - 9.5	481-293

Safety Gloves



FURNITURE HIDE RIGGERS

Standard furniture hide leather rigger with striped cotton back, pasted cuff and leather knuckle strap for low risk applications.

SIZE	CODE
One size	482-002



SUPA RED RIGGERS

Quality chrome leather rigger with rubberised cuff for general handling.

SIZE	CODE
One size	482-005



PVC KNITWRIST RIGGERS

Single dipped, red PVC fully coated knitwrist with good abrasion resistance.

SIZE	CODE
Medium	481-013
Large	481-003



PANTHER HEAVY DUTY RIGGERS

Premium split pig skin canadian rigger gloves. 50mm reinforced cuff incorporating vein patch with reflective strip.

SIZE	CODE
One size	482-007



COTTON CHROME GLOVE

Cotton chrome glove. Grey split leather palm cotton back knitwrist.

SIZE	CODE
One size	482-006



BUILDERS GRIP GLOVE

Basic builders latex coated grip glove with crinkle finish. Available in Medium, Large & Extra-Large.

SIZE	CODE
Medium	481-009
Large	481-010
X Large	481-012



YELLOW CRISS CROSS RIGGER

Mixed fibre glove with criss cross PVC pattern for extra grip.

SIZE	CODE
One size	481-002

Safety Gloves

***ENTER SIZE REQUIRED**

TraffiGlove is an industry leading designer and manufacturer of PPE safety gloves, committed to promoting hand safety.

TraffiGlove has a huge range of colour coded puncture resistant and cut resistant gloves that meet the strict requirements of EN388, the EN standard for PPE gloves. This enables you to select comfortable, flexible TraffiGloves, with the right level of protection for the task.

The TraffiSafe 3 colour coding system is an innovative, proven and easy way to ensure your workforce is wearing an appropriate level of protection for the task in hand, according to the glove's performance on the EN 388 test for cut resistance.

RED: Cut Level 1, Lower cut protection

AMBER: Cut Level 3, Medium cut protection

GREEN: Cut Level 5, Higher cut protection

RED

WARNING

CUT LEVEL **1**

LOW CUT PROTECTION

TG1220 METRIC 1

A close fitting & lightweight handling glove with 3 exposed fingers for extra dexterity, suitable for use in dry conditions.



- Flexible and very comfortable
- High abrasion resistance
- Close fitting
- Seamless knitted liner
- Unique 3 digit design for dexterity and performance
- Factory sealed ends to eliminate loose threads
- Ideal for use in fine, precision and light duty, dry based work.

DESCRIPTION	SIZE	CODE
Speed	6 - 11	481-150*

TG1140 MORPHIC

A high performing Cut A close fitting and flexible glove with a MicroDex Nitrile Foam palm dipped coating. Provides excellent grip in wet dry and oily conditions



- Close fitting
- Ideal for fine assembly work, automotive, construction, utility, engineering, manufacturing, warehousing, logistics, waste and recycling

DESCRIPTION	SIZE	CODE
Morphic	8 - 11	481-170*

TG1170 NITRIC 1

A comfortable, lightweight glove with Level 2 puncture resistance and a generous cuff length. Can be used in wet and dry conditions with the moisture resistant Nitrile coating to the palm and fingers.



- Water resistant coating
- High abrasion resistance
- Excellent dexterity
- Close fitting, flexible
- Seamless knitted liner
- Ideal for warehousing, maintenance, cables and pipework, construction (dry and wet works), transport and haulage, light engineering, utilities and civil engineering.

DESCRIPTION	SIZE	CODE
Tough	8 - 11	481-135*

TG1010 CLASSIC 3

A lightweight glove with a generous cuff length for use in dry conditions. The close fitting design ensures hands can move freely, making it an ideal choice for most general handling tasks.



- Flexible and very comfortable
- Excellent dexterity
- High abrasion resistance
- Seamless knitted liner
- Ideal for general handling, automotive, warehousing, maintenance, telecomms, electronics, precision work, construction (dry works), transport, light engineering.

DESCRIPTION	SIZE	CODE
Agile	6 - 11	481-122*

TG180 ACTIVE 1

A fully coated water resistant glove with an elastic wrist opening for use in wet and dry conditions. Can be worn with TraffiTherm (TG105) in cold weather.



- Close fitting design
- Elastic wrist for easy donning
- Flexible and comfortable
- Seamless knitted liner
- Ideal for construction & civils, manufacturing & engineering, mechanical & electrical, utilities, warehousing and waste.

DESCRIPTION	SIZE	CODE
Active	9 - 11	481-180*

TG1050 CENTRIC

A lightweight, X-Dura Latex palm coated handling glove suitable in wet and dry conditions. High stretch liner delivers an outstanding wearer experience.



- Rugged, durable grip
- High tear resistance
- Flexible and comfortable
- Outstanding dexterity
- Ideal for construction, warehousing, rail, automotive, manufacturing, engineering, utilities, waste, oil and gas.

DESCRIPTION	SIZE	CODE
Centric	8 - 11	481-165*

For further information email us at sales@elmbidgeuk.com

Safety Gloves

AMBER

BE AWARE

CUT LEVEL **3**

MEDIUM CUT PROTECTION

TG3010 CLASSIC 3

A long lasting handling glove with high abrasion and tear resistance, with breathable PU coating for use in dry conditions.

Breathable PU Coating
Flexible and close fitting
Abrasion resistance
Excellent dexterity
Seamless knitted liner
High mechanical strength (tear)
Ideal for materials handling, maintenance, light engineering, automotive, construction, telecomms, steel erection.



DESCRIPTION	SIZE	CODE
Mighty	7 to 12	481-300*

TG365 FORCE

A flexible, closer fitting glove with high abrasion and tear resistance and excellent gripping power for wet and dry surfaces.

High abrasion and tear resistance
Very comfortable, close fitting and flexi
Excellent dexterity
Seamless knitted liner
Ideal for steel erection, automotive, maintenance, light engineering, steel handling, construction, telecommunications.



DESCRIPTION	SIZE	CODE
Force	7 to 11	481-365*

TG3220 METRIC 3

A close fitting glove with high abrasion and tear resistance and 3 exposed fingers for improved dexterity and performance in dry conditions.

Unique 3 digit design increases dexterity and performance
Factory sealed ends to eliminate loose thread hazards
High abrasion and tear resistance
Close fitting
Seamless knitted liner
Ideal for mechanical & electrical trades, carpentry, maintenance, second fix installation work, ceiling fixing, cladding, precision trades.



DESCRIPTION	SIZE	CODE
3 Digit	7 to 11	481-350*

GREEN

SAFE TO GO

CUT LEVEL **5**

HIGH CUT PROTECTION

TG5170 NITRIC 5

A comfortable, flexible glove with high abrasion resistance and excellent grip in challenging wet, dry and oily conditions.

Flexible and comfortable
High abrasion resistance
Good dexterity
Seamless knitted liner
Very durable Cohesion™ XP coating
Ideal for groundwork, construction (dry works), transport, highways maintenance, goods handling and warehousing.



DESCRIPTION	SIZE	CODE
Glaze	7 to 11	481-595*

TG5010 CLASSIC 5

A superbly comfortable glove with the highest abrasion and cut level protection for precision work in dry conditions.

Breathable PU coating
High abrasion resistance
Excellent cut protection
Amazing dexterity and comfort
Ideal for mechanical & electrical trades, automotive, maintenance, construction trades, glass handling, engineering, product assembly.



DESCRIPTION	SIZE	CODE
Dynamic	6 to 11	481-562*

TG105 THERMAL LINER

One size thermal liner to be worn underneath TraffiGloves.



DESCRIPTION	SIZE	CODE
Thermal Liner	one size	481-105

Not sure what you need? Call us on 01452 525757

Safety Clothing



CHEMSPLASH COVERALLS

The Chemsplash cool coverall is a cat III, type 5 & 6 suit which offers the best combination of a high chemical splash and a hazardous particle barrier with much improved breathability and comfort.

Anti-Static to EN1149-5:2008 and non linting
White 55gsm or blue 50gsm microporous laminated fabric
SMS Breathable back panel.
Features a 3-piece hood, two way zip, knitted cuffs, elasticated back, adhesive zip flap and elasticated ankles.

SIZE	CODE
Small	431-105
Medium	431-100
Large	431-101
X Large	431-102
XX Large	431-103
XXX Large	431-104



3M DISPOSABLE PAPER COVERALLS

Range of high quality stylish protective coveralls offering breathable comfort and protection you can rely on. With the highest level of construction quality, the range provides peace of mind for effective use and protection against most industrial hazards.

SIZE	CODE
Medium	431-001
Large	431-002
X Large	431-003
XX Large	431-004
XXX Large	431-005



TYVEK DISPOSABLE COVERALLS

Category III, Type 5/6 Coverall is made from a 3 ply fabric. This fabric is soft and comfortable to wear and work in. It features include an elasticated hood, two-way front zipper.

Tyvek - Type 5/6
Soft and Comfortable
Elasticated Hood
Two-way zip
Elasticated Ankles
Anti-static
Type5/6 protection level

SIZE	CODE
Small	931-923
Medium	931-924
Large	931-925
X Large	931-926
XX Large	931-927
XXX Large	931-928



Safety & High Viz. Clothing



TYVEK DISPOSABLE TROUSERS

Composed of flash spun high density polyethylene. DuPont™ Tyvek™ 500 Trousers offer an excellent barrier against fine particles and fibers down to 1 micron in size.

SIZE	CODE
Medium	431-907
Large	431-908
X Large	431-909



TYVEK DISPOSABLE SHOE COVERS

Composed of flash spun high density polyethylene which creates a unique, nonwoven material available only from DuPont. Tyvek® 400 provides an ideal balance of protection, durability and comfort.

DESCRIPTION	CODE
Disposable Overshoe - pack of 10	431-950



TYVEK DISPOSABLE SLEEVES

Tyvek™ 500 Sleeves offer enhanced protection for body parts that are more exposed to hazardous substances.

SIZE	CODE
Disposable Oversleeve	431-940



TYVEK DISPOSABLE HOOD

Tyvek Protech cape hood with elasticated face aperture.

DESCRIPTION	CODE
Disposable hood	431-905



HIGH-VISIBILITY CLOTHING

ALSO AVAILABLE IN ORANGE

SIZE	YELLOW HIGH-VIZ JACKET CODE	YELLOW HIGH-VIZ BOMBER JACKET	YELLOW HIGH-VIZ WAIST COAT	YELLOW HIGH-VIZ TROUSERS
Small	434-840	434-850	434-860	434-870
Medium	434-841	434-851	434-861	434-871
Large	434-842	434-852	434-862	434-872
X Large	434-843	434-853	434-863	434-873
XX Large	434-844	434-854	434-864	434-874
XXX Large	434-845	434-855	434-865	434-876

Safety Clothing & Footwear



HELLY HANSEN CHELSEA EVOLUTION TEE - BLACK

Gear up with our new Chelsea Evo tee. The combination of super soft cotton and polyester creates ultimate comfort. The 5% stretch material increases the exceptional comfort without limits.

ALSO AVAILABLE IN GREY

SIZE	CODE
Medium	434-981
Large	434-982
X Large	434-983



HELLY HANSEN CHELSEA EVOLUTION HOODIE - BLACK

Trendy and comfortable at the same time. The Chelsea Evo hood delivers both. Aggressive cut lines, powerful YKK zippers and a colorful mesh lined hood matches perfectly with the extraordinary design of our Chelsea Evo pants.

ALSO AVAILABLE IN GREY

SIZE	CODE
Medium	434-971
Large	434-972
X Large	434-973



HELLY HANSEN CHELSEA EVOLUTION SERVICE PANT

The Chelsea Evolution Service Pant combines our 4-way stretch with our durable Chelsea cotton fabric that guarantees ease in movement on hot summer days.

SIZE	CODE
34"	434-450
36"	434-452
38"	434-454



HELLY HANSEN CHELSEA EVOLUTION MID SAFETY BOOTS

The Chelsea Evolution MID combines exceptional comfort with a fresh design. The EVA midsole guarantees cushioning while our Hellytech membrane keeps you dry on rainy days. Aluminium Toecap, Slip resistant outsole.

EU SIZE	CODE
42	490-242
43	490-243
44	490-244



HELLY HANSEN FEROUS MID SAFETY BOOTS

These stylish water repellent leather boots feature a certified outsole for slip resistance. They also come with a light-weight and flexible composite nail penetration protection and a steel toe cap. They have an EVA midsole and a rubber outsole.

EU SIZE	CODE
42	490-442
43	490-443
44	490-444



HELLY HANSEN ADDVIS MID SAFETY BOOTS

These protective performance shoes come with a composite toe protection and non-metallic nail penetration sole. They have a sole construction with light weight EVA in the midsole and a slip resistant rubber outsole.

EU SIZE	CODE
42	490-742
43	490-743
44	490-744

For further information email us at sales@elmbridgeuk.com

Safety Footwear



V1235 BOULDER SAFETY BOOTS

Made From Oiled Leather. Airtex Lining, Steel Midsole, Goodyear Welted Rubber Sole.



V1231 RAWHIDE SAFETY BOOTS

One of the strongest elastic-sided work boots available. Steel toecap and midsole. Full length energy return footbed with rebound foam, air circulation vents and anti-bacterial properties. Breathable lining - cool in summer, warm in winter. Goodyear welted rubber sole. Heat resistant to approx 300c.



V12 VR600.01 BISON IGS SAFETY BOOTS

Constructed from a polished full grain leather upper, the new and improved Bison has a cut away scoop collar for easy access and comfort. Lightweight, metal-free, non-snagging eyelets. Improved shock absorbing footbed. The IGS rubber sole ensures superb grip on all surfaces and increased cushioning.



V1237 BOULDER SAFETY BOOTS

Slip Resistance - SRA, Steel Toe Cap, Steel Midsole Heat Resistant Sole HRO, Anti Static.



V12 VR690.01 GRIZZLY IGS RIGGER BOOTS

Heat resistant sole, rugged heel support and triple stitching. For strength there's a padded leg, which protects the anklebone. Insulated toecap and innovative new IGS sole unit, which offers enhanced grip and comfort.



V12 E1300 DEFIANT IGS SAFETY BOOTS

Crafted from supple, water repellent and breathable leather, the seams face downwards to shed water. Combines a lacing system with an efficient zip side, fully adjustable for great ankle support. A scuff cap increases durability, and the innovative IGS sole provides superior grip and stability.



V12 V1607 TIGERS IGS RIGGER BOOTS

Unlined rigger boot designed to be naturally breathable. Metal-free, it is non-sparking in flammable environments. Lightweight reduce wearer fatigue on long shifts. The shaft and foot are crafted in waxy hide with minimal seams to increase water resistance.



FEATURED
PRODUCT



V12 MUKGUARD V1503 MACHINE WASHABLE OVERSHOE

MukGuard is reusable, washable and offers excellent grip as well as abrasion resistance. Outer Material: Thick neoprene with a nylon backer.

Not sure what you need? Call us on 01452 525757

Pressure Washers & Vacuum Cleaners



NUMATIC NVDQ 900-2 INDUSTRIAL DRY VAC

A Duplex (two motored), TwinFlo, two stage machine with new AirFlo design for unbeatable, long lasting performance when used with Hepa-Flo dust bag systems.

Made from Structofoam, it is strong, impact resistant and lightweight. It's maneuverability makes it ideal for various trades where it must be moved around, whilst requiring a large capacity.

VOLTAGE	CODE
110V	622-008
240V	622-009



NUMATIC WVD 570-2 WET OR DRY VAC

Large but portable commercial wet or dry vacuum. The full Structofoam construction provides a strong, durable frame which doesn't dent, scratch or deteriorate whilst remaining lightweight.

The power and performance are to the full TwinFlo' standard with a choice of one or two-motored specifications and both incorporate the Nucableplugged, replaceable cable system as standard.

VOLTAGE	CODE
110V	622-006
240V	622-007

FULL RANGE OF KARCHER PRODUCTS AVAILABLE. ASK A MEMBER OF STAFF FOR MORE INFORMATION.



KARCHER HOT WATER COMPACTS

HDS compact class machines with unique eco!efficiency mode ensuring environmentally friendly, 20% reduced diesel consumption and excellent mobility.

SPECIFICATION	HDS 6/12 C
Current type (Ph/V/Hz)	1/240/50
Flow rate (l/h)	240-560
Pressure (bar/MPa)	30-120/3-12
Max. temp (feed 12°C)	155
Power rating (kW)	3
CA tank (l)	10
Weight (kg)	93
Dimensions (LxHxW) (mm)	1060x650x920
CODE:	601-002



KARCHER HOT WATER PROFESSIONAL

HDS hot water cleaners provide high levels of performance, reliability and economy. With innovative features such as the eco!efficiency mode, offering fuel savings of up to 20% without compromising cleaning performance.

SPECIFICATION	HDS 7/10-4 M	HDS 10/20-4 M
Current type (Ph/V/Hz)	1/240/50	3/420/50
Flow rate (l/h)	350-700	500-1000
Pressure (bar/MPa)	30-100/3-10	30-200/3-20
Max. temp (feed 12°C)	80-155	155-80
Power rating (kW)	3.4	7.8
CA tank (l)	20-10	20-10
Weight (kg)	154	171
Dimensions (LxHxW) (mm)	1330x750x1060	1330x750x1060
CODE:	601-100	601-110

For further information email us at sales@elmbridgeuk.com

Hand Cleaners



SWARFEGA HEAVY DUTY

Heavy Duty hand cleaner contains non-abrasive micro-polymer granules to remove ingrained soiling with added conditioner to leave hands feeling hydrated. Mild citrus fragrance leaves hands lightly refreshed after use.

SIZE	CODE
4.5L	663-001
15kg	665-001



DEB PURE LIGHT DUTY WASH

Translucent, pure lotion hand cleaner with natural coconut oil. Removes light oil and grease soilings and general dirt and grime. Dispenser systems also available.

SIZE	CODE
2L	661-001



DEB LIME MEDIUM DUTY WASH

Powerful cream hand cleaner with non-abrasive natural cornmeal scrub and lime extract.

SIZE	CODE
2L	661-200
4L	662-001



DEB NATURAL HEAVY DUTY WASH

Powerful citrus hand cleaner with non-abrasive natural cornmeal hand scrub and orange oil.

SIZE	CODE
2L	661-300
4L	662-100



SWARFEGA ORIGINAL (GREEN GEL)

Original green gel hand cleaner with an advance formulation using natural ingredients to remove oil, grease and general dirt quickly. Contains added conditioner and a mild citrus fragrance.

SIZE	CODE
4L	663-100



LARGE HEAVY DUTY TRADE WIPES

Designed to remove paint, oil, grease, adhesive, silicone, mastics etc. No mess, no fuss. Quick and effective with anti-bacterial action.

SIZE	CODE
Pack of 80 Wipes	661-501

Hand Cleaners

STOP IT! HAND PROTECTION CREAM

Wash off hand protection for dry work. Works like an invisible glove by forming a dry elastic and strong protective film.

Helps to protect against oil, grease, solvents, paints, glues, resins, alkalies, tar, varnishes, adhesives, fats, lacquers, graphite, silicones and many types of workshop grime and almost any substance that is not water based

Proven for over 40 years and dermatologically tested
 Helps prevent rough, dry chapped skin
 Simply wash off with water after working, very little or no hand cleaner is necessary.
 Helps to reduce skin disease by washing easier and quicker, saving water and using less soap
 Simple application with no sticky feeling and short drying time
 Dexterity and other skin functions are maintained
 Contains no preservatives or silicones
 Excellent skin compatibility, suitable for all skin types



SIZE	CODE
1L Tub	661-907
1.6L Tub	661-904



THIS ACTUALLY WORKS!

**ALL
HANZL
PRODUCTS
AVAILABLE**

**DISPOSABLE
GLOVES**

CAN BE FOUND ON
PAGE 158



Cartridge Empties 100%
zero wastage

Large 5L Capacity
Up to 1500 washes from 4L
refill plus 1L backup

Durable Pump
lifetime guarantee



HANZL ADVANCED SOY™ (COARSE SCRUBBERS)

Environmentally friendly hand cleanser for very heavy soiling. Features:

- Removes oil, grease, inks and general grime
- New innovative soy-based "green" formula
- Can be used without water
- Contains 100% natural volcanic pumice scrubbers for deep cleaning (10 premium skin conditioners)
- Fresh Rain Forest fragrance
- Suitable for normal skin

SIZE	CODE
4L Tank (Pumicized)	675-100



FT5000™ FLEXIBLE DISPENSER SYSTEM

SIZE	CODE
4L Tank Dispenser	675-001

For further information email us at sales@elmbridgeuk.com

Cleaning Detergents



JANITOL ORIGINAL

Versatile, multi-purpose, low odour degreasing detergent. Non-caustic.

SIZE	CODE
5L	671-200
25L	672-400



JANITOL PLUS

Heavy duty surface degreaser removes ground-in and burnt-on food deposits. Low odour and non-caustic.

SIZE	CODE
5L	671-300
25L	672-500



JANITOL ALTRANS

Acidic metal surface cleaner. Specifically formulated to remove rust, oxidation and corrosion from metals. Biodegradable.

SIZE	CODE
5L	671-100



SWARFEGA JIZER

Water rinse-able machinery and parts degreaser with a powerful blend of hydrocarbons through all oil based soilings.

SIZE	CODE
500ml aerosol	670-001
5L	670-005
25L	670-025



SWARFEGA DUCK OIL

Multi-purpose service spray penetrates to loosen rusted/seized components, displaces moisture, cleans and protects. Silicone-free.

SIZE	CODE
500ml aerosol	670-100
5L	670-105
25L	670-125



GT 85

Cleans, penetrates, lubricates and protects, leaving a long lasting PTFE coating which displaces water, driving out moisture.

SIZE	CODE
400ml Aerosol	520-203



HEAVY DUTY TRAFFIC FILM REMOVER

A powerful alkaline cleaning fluid for use in high pressure cleaning machines, as a general degreaser. Mix 3-1 in use.

SIZE	CODE
25L	672-200



WASH & WAX

A superior car shampoo for general washing and waxing, which leaves a streak-free finish. Contains wax for an enhanced shine.

SIZE	CODE
5L	671-001

ALL PRODUCT RANGES AVAILABLE FROM:



Towelling, Rags & Dispensers



CENTRE FEED & INDUSTRIAL ROLLS

Range of blue/white 2ply, embossed, perforated paper towel.

DESCRIPTION	CODE
2 ply, white, 195x60mm, 60m, 12 pk	640-001
2 ply, white, 230x60mm, 144m, 6 pk	641-001
2 ply, blue, perforated roll, 180x120mm 6 pk	643-003

**BEST
SELLER**



C-FOLD HAND TOWEL

1 ply green C-Fold hand towel

DESCRIPTION	CODE
Box of 2880	646-001

RAGS

General purpose rags. Various types of materials; coloured (mixed) and white (cotton) rags and toweling for wiping and polishing.

DESCRIPTION	CODE
10kg Mixed Coloured	647-001
10kg White	647-100
10kg Terry Toweling	647-200
10kg White Cotton Sheet - Lint Free	647-300



**BEST
SELLER**

TOILET ROLLS

Range of top quality toilet rolls and hand drying towels.

DESCRIPTION	CODE
Mini Jumbo; 60mm core, 90mm wide, 200m long, 12 pk	645-100
Maxi Jumbo; 60mm core, 90mm wide, 400m long, 6 pk	645-300
Standard x 36 2 ply White 200 Sheet Toilet Roll	645-001



BROOMS

• Complete with handles and reinforcing stays.

DESCRIPTION	CODE
12" Bass (hard) heads	630-212
18" Coco (soft) heads	630-210
24" Coco (soft) heads	630-211
24" Bass (hard) heads	630-213

MOPS

• Sold separately.

DESCRIPTION	CODE
Cotton mop head & handle	630-630
Galvanised mop bucket	630-800

DUSTPAN AND BRUSHES

• Sold separately.

DESCRIPTION	CODE
Metal dust pan	630-700
Coco (soft) hand brush	630-400
Bass (hard) hand brush	630-300

Ask a member of staff for your free copy of one of our corresponding catalogues today.

A

Abrasive Belts	100
Abrasive Blocks	104
Abrasive Hand Pads	101
Abrasive Lubricant	92
Abrasive Rolls	100 - 101
Abrasive Sheets	101
Acetylene Cutting Nozzles	83
Acetylene Gas Hoses	81
Acetylene Heating Nozzles	84
Air Angle Grinders	144
Air Belt Sanders	144
Air Die Grinders	143
Air Drills	143
Air Filtration, Replacement Filters & Air Filtration Systems	137 - 138
Air Hammer Kit	143
Air Hose Fittings	139 - 142
Air Hoses	139
Air Impact Wrenches	143
Air Needle Scalers	144
Air Receiver Tanks	136
Air Ring Main Fittings	141 - 142
Air Riveters	146
Air Sanders	146
Air Tools	143 - 144
Aluminium Brazing Rods	77
Aluminium Bronze TIG Wire	75
Aluminium Electrodes	66
Aluminium Flux	77
Aluminium MIG Wires	69
Aluminium TIG Wires	74
Angle Grinders	106 - 107
Antox Paste	76
Anti Spatter	26
Arc Welders	4 - 5
Arc Welding Electrodes	64 - 67
Argon Hose	43

B

Backing Pads	93, 95
Ball Pein	147
Bandsaw	115 - 116
Bandsaw Blades	125
Barrier Cream	168
Belt Driven Compressors	132
Belt Grinders	117
Belt Sanders	144
Bench Grinders	103
Bevellers	118
Black Rubber Mallet	147
Brazing Rods	77
Brazing Wire	77

Brooms	170
Browguards	154
Buffer Electrodes	66

C

Cable Lugs	8
Cable Plugs	8
Cable Sets	9
Cable Sockets	8
Cam Type Welding Gauge	10
Caps	62
Carbon Arc Gouging Torches	9
Cast Iron Brazing Rods	77
Cast Iron Electrodes	66
C-Clamps	149
CCMS Gas Welding Rods	77
Chalk Lines & Refills	146
Chipping Hammers	10
Chopsaws	109
Circular Saw Blades	124 - 125
Circular Saws	108 - 109
Clamps	149
Claw Hammer	147
Claw Type Air Fittings	140
Cleaning Detergents	169
Cleaning Equipment	170
Cleaning Products	166 - 170
Clear Braided Hose	43
CNC Plasma Cutting Machines	48
Combi Drill	112
Combination Set	146
Combination Spanner	147
Combination Spanner & Cylinder Key	86
Combination Square	146
Compressors	130 - 135
Copper Coated MIG Wire	68 - 69
Copper Free MIG Wire	68
Copper TIG Wire	73
Cordless Drills	111 - 112
Cordless Impact Wrenches	112
Countersinks	123
Coveralls	62, 162
Crack Detector Sprays	12
Cut & Grind Discs	90 - 92
Cutting & Tapping Spray	128
Cutting Discs	90 - 92
Cutting Fluids	127 - 128
Cutting Nozzles	83
Cutting Oils & Lubricants	128
Cutting Torch Head Nut	82
Cutting Torches	82 - 83
Cylinder Extensions	84

Cylinder Key	86
Cylinder Trolleys	88
Cylinder Valve Adapters	84

D

Deburring Tools	123
Degreasers	126, 169
Die Grinder	95
Digital Heat Thermometer	10
Digital Vernier Calipers	146
Direct Drive Air Compressors - Lubricated	131
Direct Drive Air Compressors - Oil Free	130
Disposable Coveralls	162
Disposable Gloves	158
Dissimilar Electrodes	78
Double Insulated Cables	8
Double Outlet Y Pieces	85, 127
Drill Bits / Drill Bit Sets	120 - 121
Drill Cutters	121 - 122
Drills	111 - 115
Dryers	136
Dustpan & Brushes	170

E

Ear Protection	154 - 155
Earth Clamps	9
Electric Drills	111 - 115
Electric Impact Wrenches	112
Electrical Accessories	150
Electrode Grinder	42
Electrode Holders	9
Electrodes	64 - 67
Emery Cloth Rolls	101
Emery Sheets	101
Engine Driven Generators	151
Engine Driven Welders & Wire Feeders	6 - 7
Engineers Square	146
Extension Leads / Reels	150
Eyewear / Eye Protection	152 - 154

F

Face Masks	156 - 157
Fibre Disc	94 - 97
Fillet Gauges	10
Flap Discs	97 - 98
Flap Wheels	99
Flashback Arrestors	80 - 81
Flexible Backing Pads	94
Floor Cleaners	150 - 151
Flow Meter	41
Flux Coated Brazing Rods	77
Flux Liquid	77
Flux Paste	77 - 78

Index

Flux Powder	77 - 78
Footwear	164 - 165
French Chalk & Holder	11
Fume Extraction	23 - 31
Fume Extraction Welding Torches	28, 31

G

Galvanising Spray	12
Gas Bottle Trolleys	88
Gas Cutting Set	83
Gas Cutting Torches	82 - 83
Gas Economiser	85
Gas Flow Tester	43
Gas Flux	77 - 78
Gas Hoses	81
Gas Torches	82 - 83
Gas Welding Rods	77
Gas Welding Trolleys	88
Gasless MIG Wire	69
Gauntlets	61
G-Clamps	149
Generators	6 - 7, 151
Gloves	158 - 161
Goggles	153
Gouging Torches	9
Grinding & Welding Systems	52 - 58
Grinding Discs	90 - 92
Grinding Wheels	103
Guide Tubes	26

H

Hacksaws & Blades	124
Hammer Drill	111
Hammers	147
Hand Cleaners	167 - 168
Hand Protection Cream	168
Hand Tools	146 - 149
Hand Towels	170
Hand Wipes	167
Hardfacing Electrodes	66
Hardfacing MIG Wires	70
Hardfacing TIG Wire	73
Heat Thermometers	10
Heating Nozzles	84
Hex Key Sets	149
High-Vizability Clothing	163
Holders & Clamps	9
Holesaws	121
Hoods	62, 163
Hose Fittings	85
Hydraulic Steelworker	117

I

Impact Sockets Metric	148
Impact Wrenches	112
Inconel MIG Wire	72
Inconel TIG Wire	75
Industrial Dry Vacuums	168

J

Jigsaw Blades	124
Jigsaws	109
Jubilee Clips	87

K

Kromer Style Caps	62
-------------------	----

L

Lap Mops	100
Lazy Tong Riveters	148
Leak Detector Sprays	12
Leather Clothing	61 - 62
Levels, Lines & Squares	146
Low Hydrogen Electrodes	65
Lubricants	127 - 128
Lugs	8

M

Mag Base Drills	114 - 115
Magnetic Drill Cutters	122
Maintenance & Repair Electrodes	67
Masks	156 - 157
Measuring Equipment	146
Metal Cleaner	126 - 127
Metal Cutting Discs	90 - 92
Metal Grinding Discs	92 - 93, 95, 97 - 98
Metal Markers	11
Metal Nibbler	110
Metal Shears	110
Metal Working Fluids / Sprays	128
MIG Accessories	26
MIG Brazing Wire	70
MIG Pliers	26
MIG Torches	24 - 25
MIG Welders	14 - 21
MIG Wires	68 - 72
Mild Steel Electrodes	64
Mild Steel TIG Wire	73
Mops	170
Morse Taper Arbor	123
Morse Taper Extension	123
Morse Taper Sleeves	123
Multi-Angle Beveller	118
Multi-Process Welders	22 - 23

N

Neutralising Paste	76
Nibblers	110
Non Valved Masks	156
Nozzle Cleaner Set	86
Nylon Hammer	147

O

O-Clip Pliers	87
O-Clips	87
Ovens	13
Oxygen Gas Hoses	81

P

Paint Markers	11
Panel Plugs & Sockets	8
Paper Towels	170
Percussion Drill	111
Petrol Compressors	151
Petrol Cutters	108
Phosphor Bronze TIG Wire	75
Pickling Paste & Brush	76
Pillar Drills	115
Pipe Cutter Machine & Spares	49
Pipeline Electrodes	65
Plasma Cutters	45 - 48
Pliers	149
Plugs & Sockets	150
Podgers	148
Polishing Equipment	104
Polishing Compositions / Compounds	104
Portable Site Lights	150
Powerhacksaw Blades	124
Pressure Washers	166
Proban Hood	62
Propane Cutting Nozzles (PNM)	83
Propane Gas Hoses	81
Propane Heating Nozzles	84
Protective Visor with Powered Air Respirator	55
Pull Down Circular Saws	115
Push Pull Welding Torches	27
PVC Liners	24 - 25

Q

Quick Release Fittings	139
------------------------	-----

R

Rags	170
Rail Cutting Discs	80
Rail Electrodes	65
Ratchet Spanner	148
Ratchet Podgers	148
Reciprocating Saw	109
Regulators	80 - 81

Resetttable Flashback Arrestors	80
Respirators	156 - 157
Respiratory Helmets	52 - 58
Rigger Boots	165
Ring Podgers	148
Ring Rollers	118
Rotary Drill	111
Rotary Screw Compressors	133 - 135
Rotary Wire Brushes	102
Rubbing Blocks	104
Rules / Rulers	146
S	
Safety Clothing	162 - 164
Safety Gloves	159 - 161
Safety Goggles	153
Safety Helmets	154
Safety Spectacles	152 - 153
Sanding Discs	96
Saw Blades	124 - 125
Scotch-Brite Hand Pads	101
Scotch-Brite Rolls	100
Screwdrivers	149
Second Tap	121
Shanks	123
Silicone Bronze Brazing Rods	77
Silver Solder	78
Site Lights	150
Sledge Hammer	147
Sleeves	62
Slitting Discs	90 - 91
Sockets Imperial	148
Spanners	147
Sparklighter	86
Spats	62
Specialist Torches	27
Specialist Cutting Discs	92
Specialist Grinding Discs	92
Specialist MIG Wires	72
Specialist TIG Wires	75
Spectacles	152 - 153
Speedglas 9100 Series Adflow & Fresh-Air Systems	53 - 57
Spirabands & Holders	93
Spiral Point Taps	121
Spool Gun System	27
Spot Welders	44
Squares	146
Stainless Steel Cleaner	76, 126
Stainless Steel Electrodes	67
Stainless Steel MIG Wires	71
Stainless Steel TIG Wire	73

Standard Passive Welding Shields	60
Steel Rules	146
Stone Cutting Discs	92
Stone Grinding Discs	92
Straight Line Cutting Machine & Spares	49
Submerged Arc MIG Wire	72
Surface Conditioning Belts	100
Swaged Nozzles	96
T	
Tape Measures	146
Taper Arbors	123
Taper Extensions	123
Taper Sleeves	123
Taps	121
TCT Saw Blades	125
Teflon Liners	24 - 25
Temperature Indicators / Sticks	11
TIG Accessories	40 - 43
TIG Cleaning Accessories	76
TIG Mop Cleaner	76
TIG Torch Accessories	40 - 41
TIG Torches	40 - 41
TIG Welders	32 - 39
TIG Welding Wires	73 - 75
Tip Dip	26
Titanium TIG Wire	75
Toilet Paper	170
Torch Liners	24 - 25
Torque Wrench	148
Towelling & Dispensers	170
Trade Tapes	146
Traffic Film Remover	169
Traffigloves	160 - 161
Transformers	150
Trousers	163 - 164
Tungsten Grinders	42
Tungstens	43
Turntables	42
Two Way Adapters	85
U	
V	
Vacuums	166
Valved Masks	156
Velcro Discs	96
Vernier Calipers	146
Vise-Grips	149
W	
WD40	128
Welders - MMA	4 - 5
Welders - TIG	32 - 39

Welders - MIG	14 - 21
Welders - Multi-Process	22 - 23
Welder Generators	6 - 7
Weld Accessories - ARC/MMA	8 - 13
Weld Accessories - MIG	24 - 26
Weld Accessories - TIG	40 - 43
Welding Cables	8
Welding Curtains, Frames & Blankets	50
Welding Gauges	10
Welding Helmets & Spares	52 - 60
Welding Jackets & Coveralls	62
Welding Gauntlets	61
Wet & Dry Emery Sheets	89
Wet Or Dry Vacuums	166
Wire Brushes (Rotary)	102
Wire Brushes (Hand)	10
Wire Wool	104
X, Y, Z	
Y Pieces	85, 139

Conditions of Sale

1. GENERAL

A) In these Conditions, the following definitions apply:

Business Day: a day (other than a Saturday, Sunday or public holiday) when banks in London are open for business.

Company: ELMBRIDGE SUPPLIES COMPANY UK

Conditions: the terms and conditions set out in this document as amended from time to time in accordance with clause 16 B).

Contract: the contract between the Company and the Customer for the sale and purchase of the Goods in accordance with these Conditions.

Customer: the person or firm who purchases the Goods from the Company.

Force Majeure Event: has the meaning given in clause 15.

Goods: the goods (or any part of them) set out in the Order.

Order: the Customer's order for the Goods, as set out in the Customer's purchase order form or the Customer's written acceptance of the Company's quotation as the case may be.

Specification: any specification for the Goods, including any related plans and drawings, that is agreed in writing by the Customer and the Company.

B) These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing. The Order constitutes an offer by the Customer to purchase the Goods in accordance with these Conditions. The Customer is responsible for ensuring that the terms of the Order and any applicable Specification are complete and accurate. The Order shall only be deemed to be accepted when the Company issues a written acceptance of the Order, at which point the Contract shall come into existence. The Contract constitutes the entire agreement between the parties. The Customer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract. Any samples, drawings, descriptive matter, or advertising produced by the Company and any descriptions or illustrations contained in the Company's websites, catalogues or brochures are produced for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract or have any contractual force.

C) A quotation for the Goods given by the Company shall not constitute an offer. A quotation shall only be valid for a period of twenty eight (28) Business Days from its date of issue.

2. PRICES

A) The price of the Goods shall be the price set out in the Order, or, if no price is quoted, the price set out in the Company's published price list in force as at the date of delivery.

B) The Company may, by giving notice to the Customer at any time up to 14 Business Days before delivery, increase the price of the Goods to reflect any increase in the cost of the Goods that is due to:

a. any factor beyond the Company's control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);

b. any request by the Customer to change the delivery date(s), quantities or types of Goods ordered, or the Specification; or

c. any delay caused by any instructions of the Customer or failure of the Customer to give the Company adequate or accurate information or instructions.

C) Unless otherwise agreed all prices quoted and / or invoiced will be in Pounds Sterling and where an alternative currency is agreed the Company reserves the right to apply an exchange control fluctuation charge appropriate to the rate of exchange ruling at the date of payment by the Customer.

3. DELIVERY

A) Any dates quoted for delivery are approximate only, and the time of delivery is not of the essence. The date of delivery shall in every case be dependent upon the receipt of final instructions or approvals being obtained from the Customer.

B) The Company shall not be liable for any delay in delivery of the Goods that is caused by a Force Majeure Event or the Customer's failure to provide the Company with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.

C) If the Company fails to deliver the Goods, its liability shall be limited to the costs and expenses incurred by the Customer in obtaining replacement goods of similar description and quality in the cheapest market available, less the price of the Goods. The Company shall have no liability for any failure to deliver the Goods to the extent that such failure is caused by a Force Majeure Event or the Customer's failure to provide the Company with adequate delivery instructions or any other instructions that are relevant to the supply of the Goods.

D) The Company will endeavour to comply with reasonable requests by the Customer for postponement of delivery but shall be under no obligation to do so. Where postponement is agreed by the Company in writing the Customer shall pay all costs and expenses including a reasonable charge for storage occasioned thereby.

E) The Company shall endeavour to provide proof of delivery upon request from the Customer provided that the Company receives such a request in writing within one calendar month from the date of invoice. If the Customer requests proof of delivery after one calendar month from the date of invoice the Company shall at its sole discretion be entitled to charge the sum of \$5 per proof of delivery. Proof of delivery shall be retained by the Company for a maximum period of 6 months after date of invoice.

4. RISK

The risk in the Goods shall pass to the Customer on completion of delivery notwithstanding that the Company may be responsible for delivery.

5. PROPERTY

A) Title to the Goods shall not pass to the Customer until the Company has received payment in full (in cash or cleared funds) for:

i. the Goods; and

ii. any other goods or services that the Company has supplied to the Customer in respect of which payment has become due.

6. INSURANCE

Until property in the Goods has passed to the Customer in accordance with Condition 5 without prejudice to the Company's other rights:-

A) The Customer shall insure the Goods to their full value which are on or at the Customer's premises against fire and theft, and shall, if required to do so in writing by the Company, prove to the Company that such insurance has been effected from the date of delivery.

B) The Customer shall not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;

C) The Customer shall keep the Goods apart from all other goods so as to distinguish and separate the Goods from other goods as being property of the Company.

D) The Customer shall retain the Goods solely as the Company's fiduciary agent and as bailee for the Company. The Customer shall give the Company such information relating to the Goods as the Company may require from time to time.

E) Until such time as property in the Goods passes to the Customer, the Customer shall be entitled to resell or use the goods in the ordinary course of business, but shall account to the Company for the proceeds of sale or otherwise of the goods, whether tangible or intangible, including insurance proceeds, and shall keep all such proceeds separate from any moneys or property of the Customer, and third parties and, in the case of tangible proceeds, property stored, protected and insured.

F) Until such time as the property in the Goods passes to the Customer (and provided the Goods are still in existence and have not been resold) the Company shall be entitled at any time to require the Customer to deliver up the Goods to the Company and, if the Customer fails to do so forthwith, to enter upon any premises of the Customer or any third party where the Goods are stored and repossess the Goods.

G) The Customer acknowledges that before entering into an agreement for the purchase of any goods from the Company he has expressly represented and warranted that he is not insolvent or being a company with limited or unlimited liability, knows of no circumstances which would entitle any debenture holder or creditor to appoint a receiver or to petition for the winding-up of the company or to exercise any other rights over or against the Company's assets. Where the Company reasonably believes that any event in clause 13 is about to happen and notifies the Customer accordingly, then, provided that the Goods have not been resold, or irrevocably incorporated into another product, and without

limiting any other right or remedy the Company may have, the Company may at any time require the Customer to deliver up the Goods and, if the Customer fails to do so promptly, enter any premises of the Customer or of any third party where the Goods are stored in order to recover them.

H) Subject to the terms hereof the Customer is licensed by the company to sell on the goods subject to the express condition that he does so as agent for the Company and bailee whether the Customer sells on his own account or not and that the entire proceeds thereof are held in trust for the Company and are not mingled with other moneys or paid into any overdraft bank account and shall be at all times identifiable as the Company's monies.

7. DAMAGE OR LOSS

A) Where shortage or loss in transit occurs to the goods before delivery thereof to the Customer in accordance with the provisions of the contract the Company undertakes to repair or replace such goods free of charge PROVIDED ALWAYS that:-

(i) the Customer shall have given verbal or written notice to the Company within 48 hours of the receipt of the case of non-delivery of the Company's advice note/invoice any such verbal notice/claim to be confirmed in writing within seven days.

(ii) the Customer shall have returned to the Company's works any such damaged or defective goods within seven days of the receipt thereof.

B) In the event that the Company is required to replace goods within the terms of this condition any specified time for delivery shall be extended for the purpose of such repair or replacement for such periods as the Company shall reasonably require.

C) Save as expressly provided in this condition the Company shall not have any liability whatsoever for or in connection with any damage to or loss of the goods.

8. CANCELLATION

Cancellation will only be agreed to by the Company on condition that all costs and expenses including restocking charges incurred by the Company relating to cancellation, and all loss of profits and other loss or damage resulting to the Company by reason of such cancellation will be reimbursed by the Customer to the Company forthwith.

9. TERMS OF PAYMENT

A) The Company may invoice the Customer for the Goods on or at any time after the completion of delivery.

B) The Customer shall pay the invoice in full and in cleared funds no later than the last Business Day of the month following the month the invoice was dated. Payment shall be made to the bank account nominated in writing by the Company. Time of payment is of the essence.

C) The Customer shall pay all amounts due under the Contract in full without any deduction or withholding except as required by law and the Customer shall not be entitled to assert any credit, set-off or counterclaim against the Company in order to justify withholding payment of any such amount in whole or in part. The Company may at any time, without limiting any other rights or remedies it may have, set off any amount owing to it by the Customer against any amount payable by the Company to the Customer.

D) No disputes arising under the contract nor delays beyond the control of the Company shall interfere with prompt payment by the Customer.

E) In the event of default in payment by the Customer in accordance with the agreed terms, the Company shall be entitled without prejudice to any other right or remedy to suspend all further deliveries without notice.

F) If the Customer fails to make any payment due to the Company under the Contract by the due date for payment (due date), then the Customer shall pay interest on the overdue amount at the rate of 4% per annum above Lloyd's TSB Bank Plc's base rate from time to time. Such interest shall accrue on a daily basis from the due date until the date of actual payment of the overdue amount, whether before or after judgment. The Customer shall pay the interest together with the overdue amount.

G) Payment on export orders shall be made in cash against bills of exchange unless special arrangements have been made in writing between the Company and the Customer.

H) Where goods are sent F.O.B. the responsibility to the Customer shall cease immediately the goods are placed on board ship and the Company shall in consequence be under no obligation to give the Customer the notice specified in the Section 23(3) of the Sale of Goods Act 1979.

10. GUARANTEE

The Company agrees to replace at its own option goods or parts of goods proved to the Company's satisfaction to be faulty (fair wear and tear or damage due to mis-use or operation excepted) provided that such fault be notified within one month from the date of despatch from the Company. Any such replacements shall include free delivery to the Customer's works. However, no replacement goods shall be despatched until the goods complained of have been delivered to the Company's premises at the Customer's risk and expense.

11. QUALITY

A) The Company warrants that on delivery, and for a period of 12 months from the date of delivery (warranty period), the Goods shall:

i. conform in all material respects with their description; and

ii. be free from material defects in design, material and workmanship;

B) Subject to clause 11 C) if:

i. the Customer gives notice in writing to the Company during the warranty period within a reasonable time of discovery that some or all of the Goods do not comply with the warranty set out in clause 11 A);

ii. the Company is given a reasonable opportunity of examining such Goods; and

iii. the Customer (if asked to do so by the Company) returns such Goods to the Company's place of business at the Customer's cost, the Company shall, at its option, repair or replace the defective Goods, or refund the price of the defective Goods in full.

C) The Company shall not be liable for Goods' failure to comply with the warranty set out in clause 11 A) in any of the following events:

i. the Customer makes any further use of such Goods after giving notice in accordance with clause 11 B);

ii. the defect arises because the Customer failed to follow the Company's oral or written instructions as to the storage, commissioning, installation, use and maintenance of the Goods or (if there are none) good trade practice regarding the same;

iii. the defect arises as a result of the Company following any drawing, design, instruction or document supplied by the Customer;

iv. the Customer alters or repairs such Goods without the written consent of the Company;

v. the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal storage or working conditions; or

vi. the Goods differ from their description as a result of changes made to ensure they comply with applicable statutory or regulatory requirements.

D) Except as provided in this clause 11, the Company shall have no liability to the Customer in respect of the Goods' failure to comply with the warranty set out in clause 11 A).

E) Except as set out in these Conditions, all warranties, conditions and other terms implied by statute or common law are, to the fullest extent permitted by law, excluded from the Contract.

F) These Conditions shall apply to any repaired or replacement Goods supplied by the Company.

12. LIABILITY

A) Nothing in these Conditions shall limit or exclude the Company's liability for:

i. death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);

ii. fraud or fraudulent misrepresentation;

iii. breach of the terms implied by section 12 of the Sale of Goods Act 1979;

iv. defective products under the Consumer Protection Act 1987; or

v. any matter in respect of which it would be unlawful for the Company to exclude or limit its liability.

B) Subject to clause 12 A):

i. the Company shall under no circumstances whatever be liable to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or

otherwise, for any loss of profit, or any indirect or consequential loss arising under or in connection with the Contract; and

ii. the Company's total liability to the Customer in respect of all other losses arising under or in connection with the Contract, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Goods as given in the Order.

13. IP & CONFIDENTIAL INFORMATION

A) Title to and all intellectual property in all documents, drawing plans photographs, illustrations and other printed matter given to the Customer will remain with the Company and the Customer will not communicate any part of them to any third party without the Company's written consent.

B) The Customer will indemnify the Company against all actions and all costs whatsoever brought or made against the Company as a result of work done at the Customers request in accordance with designs and specifications furnished by the Customer and which result in the infringement of any letters patent copyright registered design or trade mark.

14. DETERMINATION

A) If the Customer defaults on payment, commits a breach of contract or becomes subject to any of the events listed in clause 14 B) - 14 B)xi. or the Company reasonably believes that the Customer is about to become subject to any of them and notifies the Customer accordingly, then, without limiting any other right or remedy available to the Company, the Company may determine the Contract, cancel or suspend all further deliveries under the Contract or under any other contract between the Customer and the Company without incurring any liability to the Customer, and all outstanding sums in respect of Goods delivered to the Customer shall become immediately due.

B) For the purposes of clause 14 A), the relevant events are:

i. the Customer suspends, or threatens to suspend, payment of its debts or is unable to pay its debts as they fall due or admits inability to pay its debts or (being a company) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986 or (being a partnership) has any partner to whom any of the foregoing apply;

ii. the Customer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than (where a company) for the sole purpose of a scheme for a solvent amalgamation of that other party with one or more other companies or the solvent reconstruction of that other party;

iii. a petition is filed, a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of the Customer (being a company) other than for the sole purpose of a scheme for a solvent amalgamation of the Customer with one or more other companies or the solvent reconstruction of that other party;

iv. the Customer (being an individual) is the subject of a bankruptcy petition or order;

v. a creditor or encumbrancer of the Customer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;

vi. an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Customer (being a company);

vii. a floating charge holder over the assets of that other party (being a company) has become entitled to appoint or has appointed an administrative receiver;

viii. a person becomes entitled to appoint a receiver over the assets of the Customer or a receiver is appointed over the assets of the Customer;

ix. any event occurs or proceeding is taken with respect to the Customer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in clauses 14 i) to clause 14 viii) (inclusive);

x. the Customer suspends or ceases, or threatens to suspend or cease, to carry on all or a substantial part of its business; or

xi. the Customer (being an individual) dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his own affairs or becomes a patient under any mental health legislation.

C) Termination of the Contract, however arising, shall not affect any of the party's rights and remedies that have accrued as at termination. Clauses which expressly or by implication survive termination of the Contract shall continue in full force and effect.

15. FORCE MAJEURE

Neither party shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure Event. A Force Majeure Event means any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including strikes, lock-outs or other industrial disputes (not involving its own workforce only a third party's), failure of energy sources or transport network, acts of God, war, terrorism, riot, civil commotion, interference by civil or military authorities, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors.

16. GENERAL

A) Assignment and subcontracting.

i. The Company may at any time assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.

ii. The Customer may not assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract without the prior written consent of the Company.

B) Notices.

i. Any notice or other communication given to a party under or in connection with the Contract shall be in writing, addressed to that party at its registered office (if it is a company) or its principal place of business (in any other case) or such other address as that party may have specified to the other party in writing in accordance with this clause, and shall be delivered personally, sent by pre-paid first class post, recorded delivery, commercial courier, fax or e-mail.

ii. A notice or other communication shall be deemed to have been received: if delivered personally, when left at the address referred to in clause 16 B); if sent by pre-paid first class post or recorded delivery, at 9.00 am on the second Business Day after posting; if delivered by commercial courier, on the date and at the time that the courier's delivery receipt is signed; or, if sent by fax or e-mail, one Business Day after transmission.

iii. The provisions of this clause shall not apply to the service of any proceedings or other documents in any legal action.

C) Severance.

i. If any court or competent authority finds that any provision of the Contract (or part of any provision) is invalid, illegal or unenforceable, that provision or part-provision shall, to the extent required, be deemed to be deleted, and the validity and enforceability of the other provisions of the Contract shall not be affected.

ii. If any invalid, unenforceable or illegal provision of the Contract would be valid, enforceable and legal if some part of it were deleted, the provision shall apply with the minimum modification necessary to make it legal, valid and enforceable.

D) Waiver. A waiver of any right or remedy under the Contract is effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor shall it preclude or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall preclude or restrict the further exercise of that or any other right or remedy.

E) Third party rights. A person who is not a party to the Contract shall not have any rights under or in connection with it.

F) Variation. Except as set out in these Conditions, any variation to the Contract, including the introduction of any additional terms and conditions, shall only be binding when agreed in writing and signed by the Company.

G) Governing law and jurisdiction. The Contract, and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims), shall be governed by, and construed in accordance with, English law, and the parties irrevocably submit to the exclusive jurisdiction of the courts of England and Wales.

Request a copy of our other catalogues today!

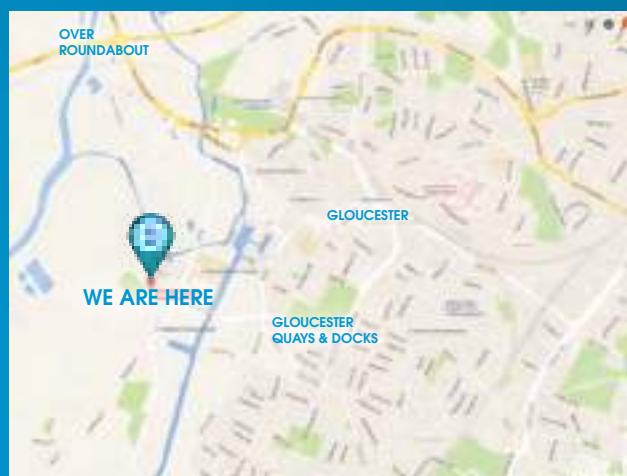
- Industrial Coatings & Accessories
- Industrial Spray Equipment & Accessories
- Wood Coatings & Accessories

Order 24 hours a day, 7 days a week:
www.elmbridgeuk.com

Email us:
sales@elmbridgeuk.com

Call us:
01452 525757

Follow us on:



Visit us at:
Elmbridge Supplies Company UK
Unit 20, Spinnaker Road,
Gloucester GL2 5FD





Elmbridge Supplies Company UK Ltd

Unit 20, Spinnaker Road, Hempsted, Gloucester GL2 5FD

01452 525757 | sales@elmbridgeuk.com

www.elmbridgeuk.com

make it happen

Welding & Engineering Supplies

Industrial Coatings & Accessories

Wood Coatings & Accessories

Industrial Spray Equipment & Accessories

Compressors

Power & Hand Tools

