



Industrial Spray Equipment & Accessories



Airless Technology —

Pneumatic Air Assisted Airless Technology —

Plural Component Technology —

Electrostatic Technology —

Low Pressure Technology —

Powder Coating Technology —

Compressed Air —

Spray Extraction & Curing Equipment —

Spray Equipment Accessories —

Issue 22

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welcome to elmbridge

Elmbridge Supplies Company is a leading supplier of:

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

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.

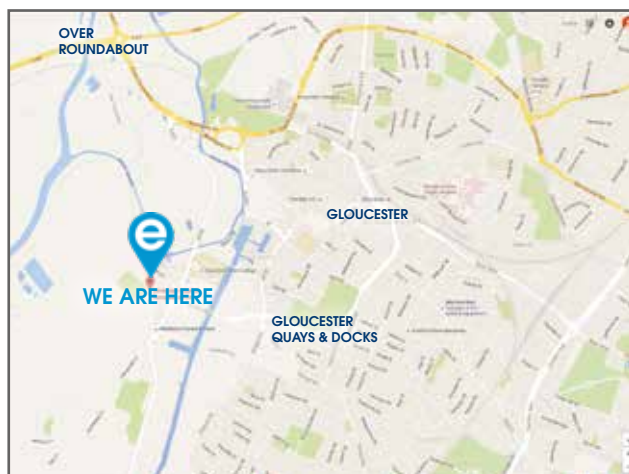
Trade Counter:

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

Sales Line:

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

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make it happen



Payment

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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'



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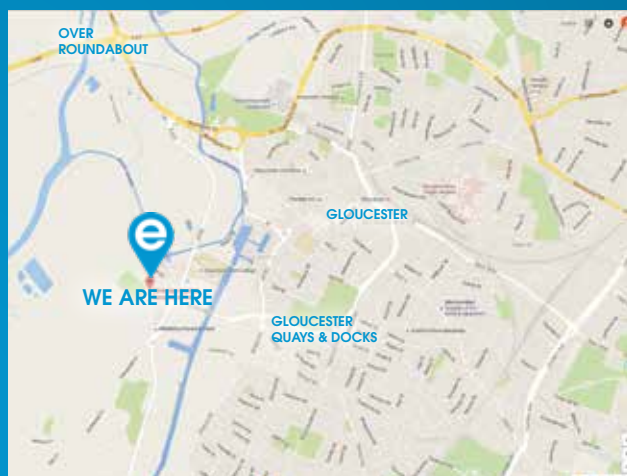
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Section 1

Low Pressure Fluid Technology

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Low Pressure Spray Guns

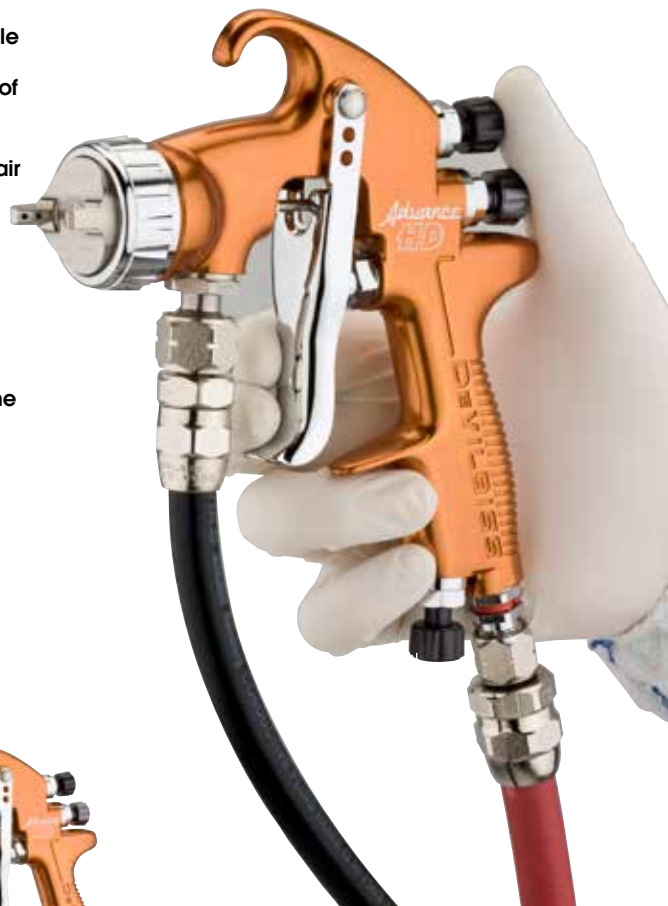
DEVILBISS ADVANCE HD TRANSTECH

Mid sized, compliant spray gun range

The comprehensive Advance HD (High Demand) spray gun range is suitable for all types of industrial spray finishing applications, providing outstanding coating atomisation with consistent even distribution for handling all types of solvent, waterborne, high solids and 2K materials.

- High capacity airflow, outstanding atomisation characteristics and separate 'balanced' air valve provide unrestricted flow of compressed air through the gun body
- Trans-Tech Compliant and HVLP air caps provide superior finish with the best possible paint savings and transfer efficiency
- Contoured handle and lightweight design greatly reduces RSI and operator fatigue
- Stainless Steel tips, needles and fluid passageways as standard
- CE marked and fully ATEX approved.
- DeVilbiss Advance HD pressure assist gravity cup system is perfect for the application of heavily bodied thixotropic materials.

DESCRIPTION	CODE
Gravity	1004-ADVGT
Pressure	1004-ADVPT
Pressure Assist	1004-ADVPGT
Suction	1004-ADVST



Tip Configurations for Advance HD

P = Pressure G = Gravity S = Suction A = Pressure Assist

AIR CAP	TECHNOLOGY	0.85MM	1.0MM	1.2MM	1.3MM	1.4MM	1.6MM	1.8MM	2.0MM	2.2MM
510 +	Trans Tech	P	P	P	P/G/A	P/A	P/G/S/A	P/G/S	P/G/S/A	P/G/A
513	Trans Tech	P	P	P	P/G	P/A	P/G/S/A	P/G/S	P/G/S/A	P/G/A
522	Trans Tech	P	P	P	P	P	P	P	P	P
523	Trans Tech	P	P	P	P	P	P	P	P	P
590	Trans Tech	P								
591	Trans Tech	P								

For further information Email us on sales@elmbridgeuk.com

Low Pressure Spray Guns

DEVILBISS ADVANCE HD CONVENTIONAL

Mid sized, conventional spray gun range

The DeVilbiss Advance HD (High Demand) spray guns provide exceptional atomisation for coating wood, metal, plastic, ceramic and composite substrates with most types of solvent, waterborne, high solids and 2K materials.

Advance spray guns are ideal for small operations or high volume spraying, with the added bonus of instantly improved finishing productivity.

- High capacity airflow, outstanding atomisation characteristics and separate 'balanced' air valve provide unrestricted flow of compressed air through the gun body
- Wide range of conventional atomisation air caps
- Robust, Lightweight and work friendly design for High Demand outputs
- Stainless Steel tips, needles and fluid passageways as standard
- Contoured handle design greatly reduces RSI and operator fatigue
- CE marked and fully ATEX approved

DESCRIPTION	CODE
Gravity	1004-ADVGC
Pressure	1004-ADVPC
Pressure Assist	1004-ADVGPC
Suction	1004-ADVSC



Tip Configurations for Advance HD

P = Pressure G = Gravity S = Suction A = Pressure Assist

AIR CAP	TECHNOLOGY	0.85MM	1.0MM	1.2MM	1.3MM	1.4MM	1.6MM	1.8MM	2.0MM	2.2MM	2.8MM
430	Conventional	P	P	P	P/G/A	P/A	P/G/S/A	P/G/S/A	P/G/S/A	P/S/A	
443	Conventional	P	P	P	P/G/A	P/A	P/G/S/A	P/G/S/A	P/G/S/A	P/S/A	
462	Conventional									P	P
470	Conventional									P	P
477	Conventional	P	P	P	P	P	P	P	P	P	
497	Conventional	P	P	P	P	P	P	P	P	P	

Advance HD is precision built using the best materials and component parts for a guaranteed, reliable, long and durable working life in all industrial markets.

DEVILBISS JGA/GFG PRO

'Full size' Conventional spray gun range

High performance conventional air atomising spray guns suitable for most industrial spray finishing applications. Made from quality materials to withstand the highest demands in the modern sprayshop, providing a guaranteed long and durable working life.

These spray guns can be used with virtually all industrial solvent and water based paints, coatings, lubricants, dyes, stains, varnishes, lacquers and adhesives.

- Renowned DeVilbiss atomization quality
- Genuine fast application rates
- Forged aluminium gun body for long life service
- Light smooth trigger action to reduce operator fatigue
- Balanced air valve design to improve air flow characteristics

DESCRIPTION	CODE
Gravity	1004-GFGG
Pressure	1004-JGAP
Suction	1004-JGAS



Tip Configurations for JGA/GFG

P = Pressure G = Gravity S = Suction

AIR CAP NO.	TECHNOLOGY	0.85MM	1.0MM	1.2MM	1.4MM	1.6MM	1.8MM
C1	Conventional	P	P	P	P	P / G / S	P / G / S
C2	Conventional	P	P	P	P	P / G / S	P / G / S
C3	Conventional	P	P	P	P	P	P

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Low Pressure Spray Guns

DEVILBISS GTI PRO LITE

'Full size' Compliant spray gun

A new lightweight DeVilbiss spray gun developed for busy professional painters needing the ultimate quality finish.

- Coaxial, low kick air valve design gives smoother feel for even greater air and paint control for ease of fade-outs and blend-ins.
- Simplified, user friendly components provide faster, easier cleaning and maintenance.
- Comprehensive range of conventional, HVLP and Trans Tech (High Efficiency) Air Caps for choice of Transfer Efficiency, Atomisation power and Application requirements.
- Extensive range of stainless steel, hardened and tungsten carbide fluid tips and needles for all types of industrial applications.
- Enhanced ergonomics combined with DeVilbiss' legendary fit and feel ensure incredible performance, handling and balance.
- Drop forged aluminium gun body and removable air baffle for a longer working life.
- Fully environmental Legislation Compliant with high transfer efficiency resulting in significant paint savings.
- Air adjuster valve provides instant 'on gun' pressure adjustment for the sprayer.

DESCRIPTION	CODE
Gravity	1004-GTIG
Pressure	1004-GTIP
Suction	1004-GTIS



Tip Configurations for PRO LITE

P = Pressure G = Gravity S = Suction

AIR CAP NO.	TECHNOLOGY	0.85MM	1.0MM	1.2MM	1.3MM	1.4MM	1.6MM	1.8MM	2.0MM
HV30	HVLP	P	P	P / G	G	P / G	P / G / S	P / G / S	G / S
TE10	Trans Tech	P	P	P / G	G	P / G	P / G / S	P / G / S	G / S
TE20	Trans Tech	P	P	P / G	G	P / G	P / G / S	P / G / S	G / S
TE30	Trans Tech	P	P	P		P	P	P	
TE40	Trans Tech	P	P	P		P	P	P	
TE40R	Trans Tech	P	P	P		P	P	P	

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Low Pressure Spray Guns

DEVILBISS SRI PRO LITE

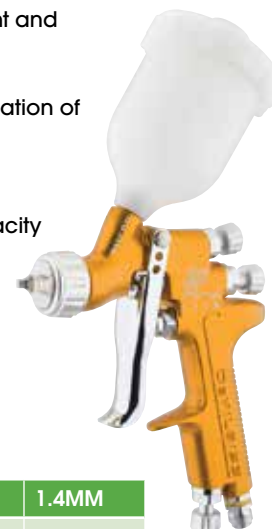
Mini Compliant spray gun

A small scale, fine finish spray gun with many practical uses throughout general industry. Features leading edge i-system Pro technology for optimum performance to MICRO, SMART and professional spot repair and designed to ensure excellent control for superb feathering, perfect for localised detail or medium area work.

- Lightweight and ergonomically styled for comfort.
- Choice of HVLP or Trans-Tech® Compliant air caps provide superb atomisation of both solvent and waterbased materials
- Critically engineered Stainless Steel fluid tips & needles give ultimate feathering control
- A comprehensive range of air cap, fluid tip and needle combinations ensures perfect atomisation of all types of solvent or waterborne materials.
- Balanced air valve design for lighter trigger pull and improved air flow
- Reduced needle spring loading enhances trigger sensitivity
- SRI Pro Lite is supplied as standard with a quality screw-top gravity feed cup with 125mls capacity
- Optional inexpensive semi-disposable cups are available.

TECHNICAL SPECIFICATIONS

Gravity cup capacity	125 ml
Air Inlet Connection	Universal 1/4" BSP; 1/4" NPS male
Weight (gun only)	395 g
Gun Body Material	Anodised aluminium
Code	1004-SRIPROL



AIR CAP	TECHNOLOGY	AIR CONSUMPTION	0.6MM	0.8MM	1.0MM	1.2MM	1.4MM
TE5	Trans-Tech	100 L/min (3.5 cfm)		"	"	"	"
HV5	HVLP	135 L/min (4.8 cfm)		"	"	"	"
RS1	Round Spray	55 L/min (1.9 cfm)		"	"	"	"
MC1	SRI Pro Micro	50 L/min (1.8 cfm)	"				

DEVILBISS PRI PRO LITE GRAVITY SPRAY GUN

Full size Primer spray gun

The Devilbiss PRI Pro Lite is a mid sized compliant gravity feed spray gun specifically designed for the application of modern primers, surfacer's and fillers. The gun is easy to clean and maintain with most of the service parts shared with the existing GTi Pro Lite range of guns. The Devilbiss PRI Pro Lite gun is constructed of the very highest grade alloys and stainless steels to ensure smooth operation as well as high impact resistance.

- Large spray patterns and even material distribution
- Suitable for all types of primers, surfacers, fillers and polyesters
- Air adjuster valve on the spray gun handle allows instant pressure control
- Balanced air valve design for lighter trigger pull and improved air flow
- Tough and durable drop forged aluminium spray gun body
- Paint cup includes integral filter and drip-check lid

TECHNICAL SPECIFICATIONS

Gravity cup capacity	560 ml
Air Inlet Connection	Universal 1/4" BSP; 1/4" NPS male
Weight (gun only)	446 g
Gun Body Material	Anodised aluminium
Code	1004-PRIPROL



AIR CAP	TECHNOLOGY	AIR CONSUMPTION	1.4MM	1.6MM	1.8MM	2.0MM	2.5MM
PR10	Trans-Tech	300L/min (11scfm)	"	"	"	"	"

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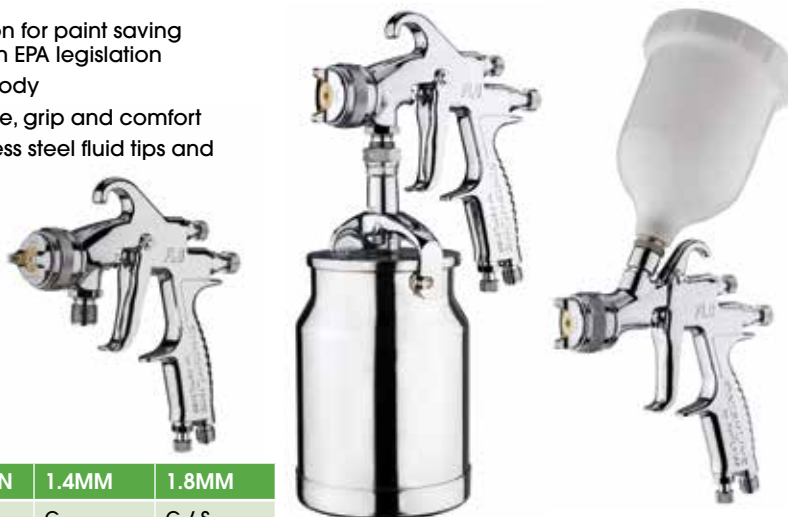
Low Pressure Spray Guns

DEVILBISS FLG-5 HD

Economy Compliant spray gun

DeVilbiss FLG-5 is a full size manual spray gun range to provide user's with the competitive advantage needed in today's finishing facilities.

- Low cost spray guns for use with a wide range of general industrial paints and materials
- FLG-5 employ DeVilbiss Trans-Tech® atomisation for paint saving efficiency, superb finishes plus compliance with EPA legislation
- Ultra lightweight, strong, cast aluminium gun body
- Ergonomically shaped gun handle for balance, grip and comfort
- Precision engineered brass air cap and stainless steel fluid tips and needles for long service life



DESCRIPTION	CODE
Gravity	1004-FLGG
Pressure	1004-FLGP
Suction	1004-FLGS

Tip Configurations for FLG-5 HD

AIR CAP	TECHNOLOGY	AIR CONSUMPTION	1.4MM	1.8MM
5	Trans Tech	277 L/Min (9.8 cfm)	G	G / S
622	Trans Tech	311 L/Min (11 cfm)	P	

P = Pressure G = Gravity S = Suction

GOLDEN EAGLE SUCTION SPRAY GUN

Economy Conventional Suction spray gun

- Twin atomisation holed air nozzle
- Increased performance
- 1 litre suction paint container.
- Available as 1.8 mm configuration



CODE

1003-0021

CPG1005 GRAVITY FEED SPRAY GUN

Economy Conventional Gravity spray gun

- Ergonomic design for effortless spraying
- Comfortable grip with gentle trigger action
- Adjustable air-intake pressure
- Stainless steel spray path, nozzle and needle
- Wide angle, variable spray fan
- Suitable for water-based paints

SPECIFICATIONS	
Inlet Pressure	30-43psi
Air Inlet	1/4"
Air Consumption	7-12 cfm
Paint Cup	600ml
Weight	850g



CODE

1001-1005

For further information Email us on sales@elmbridgeuk.com

Low Pressure Spray Guns

IWATA AZ1

Suction Gun

The Anest Iwata AZ1 suction spray gun is a high quality but economical spray gun for the industrial and refinishing market. Having stainless steel internals this gun can be used for both water and solvent based materials. Also available in 1.5mm or 1.8mm set up this gun can be used for many types of coatings.

All of the AZ1 internal parts that come into contact with fluid are stainless steel including the nozzle & needle set.

- Air consumption of 184 litre per min / 7cfm
- New built in air valve
- New polished flat & smooth body for fast easy cleaning
- Please state tip size when ordering

CODE

1004-1333



IWATA AZ3

Gravity Gun

The Anest Iwata AZ3 gravity spray gun is a high quality but economical gravity spray gun for the industrial and refinishing market. Having stainless steel internals this gun can be used for both water and solvent based materials. This gun also boasts a Thatcham approval making it suitable for insurance work.

- Smooth polished surface makes it easier to clean.
- A completely new gun body design, stainless steel
- New air valve for better air control
- Improved cup design
- New trigger and ergonomic shape of the grip to relieve repetitive strain
- Please state tip size when ordering

CODE

1004-1332



IWATA W400

Gravity Gun

Classic Version

- No baffles or seals required
- Ergonomic grip and lightweight - only 450g
- First tulip fan pattern on the market for better application
- Lowest premium air usage topcoat gun on the market, 9.7 cfm
- Please state tip size when ordering

CODE

1004-1324



Bellaria Version

The Bellaria air cap achieves beautiful air flow with its amazing longer fan pattern, plus exceptional atomisation which you would expect from a gun with a W400 pedigree.

- The Bellaria air cap takes flat nozzle technology to another level with its longer flatter fan pattern.
- Coloured bronze adjusters & air cap ring to help against corrosion caused by some modern day cleaning solvents
- No baffles or seals required, less internal parts to go wrong or needing to be replaced
- The Bellaria has a low cfm air usage, making it one of the most economical guns on the market
- Please state tip size when ordering

CODE

1004-1332



IWATA CLASSIC

W200 Guns

When the W200 suction gun was launched it changed the industry forever and compliant spray technology was created. Nearly 2 decades later and every spray gun manufacturer have followed the concept for compliant technology. These benchmark guns return the best possible application at a very competitive price.

- No baffles or seals required
- Light and handy
- Especially designed for industrial production spray painting
- Lowest premium air usage top coat on the market at 10.5 cfm
- Tulip fan pattern on the for easier application
- Twilight chrome finish for easy cleaning
- Please state tip size when ordering



DESCRIPTION

CODE

Pressure	1004-1325
Suction	1004-1326

Double Diaphragm Pumps

WAGNER ZIP 52 DOUBLE DIAPHRAGM PUMP

The first choice for quality diaphragm pumps. Simple and powerful, ideal for feeding automatic and manual spray guns for high quality surface finishing with electrostatic systems, HVLP or conventional spraying units on wood, metal and plastic.

Benefits

- Faster change over speed, lower air consumption and low noise level thanks to the new pneumatic motor 'Runner'
- Anti-stalling pilot valve
- Small number of pump components
- High flow rate, more than 50 L/min (13 Gal/min)
- Extreme reliability thanks to the new 'long life' diaphragms
- Wide compatibility with solvents, all the o-rings in contact with fluid are made of PTFE
- Compact pump size for easy cleaning
- High suction capability also when dry
- Wide range of available materials

SPECIFICATIONS

Pressure Ratio	1:1
Max Working Pressure	8 Bar
Inlet Air Pressure	8 Bar
Max Flow Rate (naked pump)	52 L/min
Air Connection	1/4" BSP (F)
Code	1002-52FIN



GRACO TRITON 308 DOUBLE DIAPHRAGM PUMP

Triton is an air-operated diaphragm spray package that applies a high quality, decorative finish to wood and metal parts. Triton is a more effective alternative to traditional pressure pots and standard diaphragm pumps.

- High quality finish
- Low pulsation output and smooth pump change over delivers a consistent spray pattern
- Quick colour changes and fast material refills save time and money
- Rugged construction. Stainless steel or aluminium pump handles a wide variety of fluids

Key Applications

Triton is designed for all types of metal and wood applications.

SPECIFICATIONS

Pressure Ratio	1:1
Max Working Pressure	7 Bar
Inlet Air Pressure	7 Bar
Max Flow Rate (naked pump)	32 L/min
Air Connection	1/4" BSP (F)
Code	1007-233480



Double Diaphragm Pumps

BINKS DX70 DIAPHRAGM PUMP

The DX70 is a high specification, air powered 1:1 ratio double diaphragm pump specifically developed for the direct supply of paints and materials to spray guns. It is the perfect solution for one or two spray gun applications with faster colour changes and quick refills for less production downtime.

The Binks DX70 range features bare pumps, assembled pump packages and complete "ready to spray" outfits. Binks DX70 is perfect for use with all types of spray guns including electrostatics.

- Acetal pump body with st. st. balls and soft seats for universal paint compatibility including ceramic glaze coatings
- The unique diaphragm and "built in" fluid regulator provide consistent pressure and readily adjustable paint flow
- The Non-stall air valve provides smooth, quiet and surge free paint delivery up to 1000 cc/ minute
- Re-circulation/dump valve accessory for faster colour changes reducing down time, saving time and money
- Pump outfit mountings include Cart, Wall, 25L Pail & Tripod outfits with or without spray guns & hoses

Typical Applications

- Woodworking and Joinery
- Aerospace Industry
- Agricultural and Off Road
- Glass Coatings and Ceramic Glaze
- Trade Finishers
- Marine Industry
- Rail, Truck, Bus and Commercial Vehicle



SPECIFICATIONS	WALL MOUNT	CART MOUNT
Pressure Ratio	1:1	1:1
Max Working Pressure	7 Bar	7 Bar
Inlet Air Pressure	7 Bar	7 Bar
Max Flow Rate	4.2 L/min	4.2 L/min
Code	1004-DX70R3WF	1004-DX70R3CFG

Double Diaphragm Pumps

BINKS DX200 DIAPHRAGM PUMP

The Binks DX200 is a high flow rate, air operated 1:1 ratio, double diaphragm circulation or transfer pump specifically developed for the direct supply of paints and materials to spray guns. It is suitable for finishing applications requiring multi-spray gun usage, or while transferring or circulating up to 5L/min of high to low viscosity materials.

The Binks DX200 range features bare pumps and a choice of outfits. Binks DX200 is self priming and perfect for use with all types of spray guns including electrostatics.

- Rugged Construction & Universal Material Compatibility - Available in Aluminium and Stainless Steel
- A non-stall air valve and integrated muffler provides smooth, quiet running
- Extended Service Life & Zero Leakage - Bonded PTFE diaphragm, removable mechanical seals and packings
- Unique "no-crease" diaphragm and "built-in" fluid regulator ensures a consistent pressure and reduced pulsation
- Pumps Shear-Sensitive Materials - Low internal velocities and gentle pumping action does not shear coatings

Typical Applications

- Joinery/Furniture & Woodworking
- Aerospace / Aviation
- Agricultural & Off Road Vehicles
- Marine Industry
- Truck/Trailer & Chassis Makers, Rail, Bus & Transport



DX200-3

The DX200-3 is our new air operated 3:1 ratio, double diaphragm pump. It has been designed to perform in tough spray gun, system or transfer applications.

A cutting-edge feature of this pump is the new Eazi-Swap outlet, which can be quickly configured as a standard outlet or adapted with our manual fluid regulator or active surge chamber options.

The outlet can even be changed with the pump in-situ. This innovation provides the flexibility for connection to systems or direct to spray guns without the expense and complication of external components.

SPECIFICATIONS	DX200	DX200-3
Pressure Ratio	1:1	3:1
Max Working Pressure	7 Bar	7 Bar
Inlet Air Pressure	7 Bar	7 Bar
Max Flow Rate	12 L/min	12 L/min
Code (Cart Mount)	1004-DX200AR3-C	1004-DX3003SM

Double Diaphragm Pumps



WAGNER UNICA 4-270

The WAGNER Unica 4-270, with a 4.5:1 pressure ratio and a maximum working pressure of 27 bar, is setting new standards in the global market for double diaphragm pumps.

Unica generates no friction and the pump is completely sealed so that the fluid never comes into contact with the external atmosphere.

- Superior performance
- Highest reliability
- Innovative solution

SPECIFICATIONS

Pressure Ratio	4/5:1
Max Working Pressure	27 Bar
Max Inlet Air Pressure	6 Bar
Max Flow Rate	120 L/min
Code	1002-580.00

GRACO ENDURA-FLO

The simple, modular and compact design of Endura-Flo not only ensures long-lasting durability, but it also withstands runaway conditions better than other diaphragm pumps. This easy-to-install pump offers low pulsation output and smooth changeover for quick colour changes, saving you time and money.

With the Endura-Flo 4:1 pumps you have one of the highest pressure ratio pumps available in the category of small to medium size paint supply and paint circulation systems.

- Long lasting durability
- Low maintenance
- Low pulsation and smooth changeover
- Innovative compact, modular design for fast online repair
- Minimal solvent to flush
- 360° mounting option

SPECIFICATIONS	3D 150 CC	3D 350 CC
Pressure Ratio	3:1	3:1
Max Working Pressure	21 Bar	21 Bar
Inlet Air Pressure	7 Bar	7 Bar
Max Flow Rate	9 L/min	21 L/min
Code	1007-3D150	1007-3D350



SPECIFICATIONS	4D 150 CC	4D 350 CC
Pressure Ratio	4:1	4:1
Max Working Pressure	28 Bar	28 Bar
Inlet Air Pressure	7 Bar	7 Bar
Max Flow Rate	9 L/min	21 L/min
Code	1007-4D150	1007-24W353

Pressure Pots



DEVILBISS KBII

SPECIFICATIONS	
Air Inlet	1/4" BSP (M)
Fluid Outlet	3/8" BSP (M)
Capacity	2.3 (L)
Weight	1.76 Kg
Max Work Pressure	30 (PSI)
Tank Type	Aluminium



BINKS PRESSURE POTS

	83C-210	83Z-210	183S-210
Air Inlet	1/4" BSP (M)	1/4" BSP (M)	1/4" BSP (M)
Fluid Outlet	3/8" BSP (M)	3/8" BSP (M)	3/8" BSP (M)
Capacity	10 (L)	10 (L)	10 (L)
Weight	17 Kg	17 Kg	17 Kg
Max Pressure	80 (PSI)	80 (PSI)	80 (PSI)
Tank Type	Carbon Steel	St-St / C-S	Stainless Steel



FASTMOVER FMT6051

SPECIFICATIONS	
Air Inlet	1/4" BSP (M)
Fluid Outlet	3/8" BSP (M)
Capacity	2 (L)
Weight	1.3 Kg
Max Work Pressure	50 (PSI)
Tank Type	
Code	1009-0003



FASTMOVER FMT6054

SPECIFICATIONS	
Air Inlet	1/4" BSP (M)
Fluid Outlet	3/8" BSP (M)
Capacity	10 (L)
Weight	8 Kg
Max Work Pressure	60 (PSI)
Tank Type	Epoxy Coated Steel
Code	1009-0006

For further information Email us on sales@elmbridgeuk.com

A person wearing a full-body white protective suit and a respirator mask is kneeling on a metal grate floor. They are holding a spray gun and applying a substance to a large, complex industrial structure made of white pipes and metal frames. The background shows more of the industrial facility with various pipes and structural elements.

Section 2

Industrial Airless Technology

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Pneumatic Airless



WAGNER LEOPARD 35 - 70

High-pressure piston pump suitable for Airless and AirCoat applications such as industrial coatings in the wood and metal industries.

- Fully Stainless Steel wetted parts
- Low icing Wagner IceBreaker pneumatic motor
- Easy to maintain stainless steel fluid section
- Low pulsation and low noise operation



WAGNER LEOPARD 48 - 110

Air operated, high pressure piston pump suitable for high volume industrial coating in the metals industries and for smaller protective coating applications.

- Fully Stainless Steel wetted parts
- Low icing Wagner IceBreaker pneumatic motor
- Will support long hose lengths
- Efficient and durable design



WAGNER JAGUAR 75 - 150

High-pressure piston pump, suitable for Airless applications. Extremely robust and ideal for heavy corrosion protection.

- Fully Stainless Steel wetted parts
- Low icing Wagner IceBreaker pneumatic motor
- Efficient and durable design
- Provides low-pulsation material flow for brilliant atomisation
- Easy to maintain fluid sections



WAGNER TIGER 72 - 300

The Wagner Tiger is the largest Pneumatic Airless Sprayer in the range. With its large delivery rate it is suitable for high viscosity coatings, feed multiple guns and pump long distances. The build quality is of very high standard and investing in this unit will give you an asset for a long period. Can be supplied in a number versions with feed systems and carts to choose from.

- Fully Stainless Steel wetted parts
- Low icing Wagner IceBreaker pneumatic motor
- Large delivery to support multiple guns

	LEOPARD 35 - 70	LEOPARD 48 - 110	JAGUAR 75 - 150	TIGER 72 - 300
Pump Ratio	35:1	48:1	75:1	72:1
Max Working Pressure	280 Bar	370 Bar	530 Bar	530 Bar
Max Delivery Rate	4.2 L/min	6.6 L/min	9.0 L/min	18.0 L/min
Max Tip Size	0.026"	0.023"	0.031"	0.045"
Weight	26 Kg	36 Kg	53 Kg	80 Kg
Code	1002-00602	1002-00604	1002-2332246	1002-2339873

For further information Email us on sales@elmbridgeuk.com

Pneumatic Airless

GRACO MERKUR™ X48 & X72

High Pressure Airless Sprayers for Protective Coatings

The Merkur X48 and X72 single component airless sprayers offer the ultimate combination of power and portability, giving you the ability to spray tough materials in the most challenging situations.

Weighing just 45 kg, the Merkur Sprayer can easily be positioned in tight areas, without sacrificing spray quality or power.

- Ideal for high solids coatings
- Portable and lightweight – easy to move around the job site
- Powerful – sprays medium to high solids coating materials at pressures up to 500 Bar (7200 PSI)
- Affordable – get high quality results with minimal investment
- Flexible – ideal for a wide range of applications, including marine, rail and steel fabrication
- The perfect complement to larger Graco Xtreme™ Sprayers

High Pressure

- Up to 500 Bar (7200 PSI, 50 MPa)
- Sprays high solids coatings
- Supports longer hose runs

Easy to Maintain

- Easy to disassemble pump from air motor

Throat and Piston Packings

- Self-adjusting and spring loaded to maintain packing life

Pressure Bleed Valve

- Floating ball design
- Reduces clogging and leaking

Merkur Pump Lower

- Improved handling of high viscosity coatings
- Long-lasting Chromex™ coated rod

Inlet

- Smooth 1-1/4 in inlet reduces “dead spots” and coating build-up

Quick knock-off suction hose

- Large 25.4 mm x 1.8 m (1 in x 6 ft) suction hose

Lightweight and portable

- Weighs only 45 kg



	MERKUR X48	MERKUR X72
Maximum fluid working pressure	330 Bar (4800 PSI)	500 Bar (7200 PSI)
Recommended tip size	Up to 0.025"	Up to 0.021"
Fluid flow at 60 cycles/min	4.5 L/min	3.0 L/min
Maximum air inlet pressure	7 Bar (100 PSI)	7 Bar (100 PSI)
Fluid inlet size	1-1/4 in npt(m)	1-1/4 in npt(m)
Fluid outlet size	3/8 in npt(f)	3/8 in npt(f)
Pump weight	45 kg	45 kg
Spray Gun	XTR504 (0.019 tip)	XTR704 (0.019 tip)
Code	1007-2900	1007-16U918

Pneumatic Airless



GRACO KING PNEUMATIC AIRLESS SPRAYER

Superior air-operated pumps for high-volume and high-pressure waterproofing, fireproofing and protective coatings.

The Graco King pneumatic airless sprayers are the most powerful machines for protective coatings. The system provides the applicator output values, pressure ratios and pumping capacities never seen before.

The Graco King units are designed to withstand the harshest environmental conditions and easily handle the toughest protective coatings and corrosion control applications. With 10 different ratios available, there is a sprayer with the correct pressure and flow characteristics for your application. Discover all the benefits of a King sprayer here:

Simple maintenance

This air motor has 50% less parts when compared to the NXT valve, making maintenance and troubleshooting easy. All motor parts are easily accessible and require simple maintenance.

Improved icing performance

Thermally isolated poppets are mounted separately and insulated from motor castings that can often drop below freezing. The newly designed poppets and external pilot lines virtually eliminate pilot valve freezing that can result in an instant stop. The icing potential has been reduced by up to 70%.

Less pulsation

With more than 145% higher exhaust capacity in the air valve, you'll achieve a faster, smoother changeover. Eliminating the "wink" in your pattern – it is a difference you will feel.

Improved sealing and strength

Improved sealing and strength with the improved edge loading and seven throat pickings instead of five. The new MaxLife™ pump lowers are designed for the most demanding jobs, providing unmatched durability and life.

Multi-gun capabilities

Graco's powerful new air motor lets you use multiple guns with almost no perceivable pulsation. A new manifold has been designed to simplify the installation of multiple guns.



*XTR 7-Gun, hoses and XHD Tip recommended



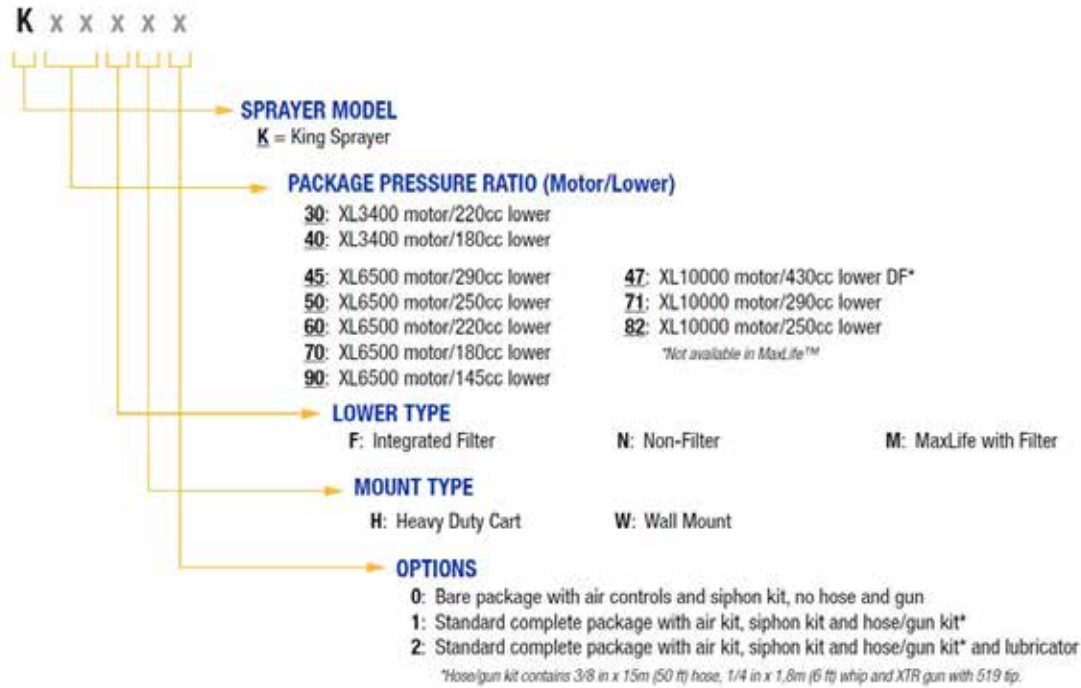
Register your King unit and get a 2-year warranty!

Find the warranty tag on your brand new King unit to register.

Simply follow the steps of the procedure and receive confirmation of your 2-year warranty.

For further information Email us on sales@elmbridgeuk.com

Pneumatic Airless



MOTOR PACKAGE	XL3400 MOTOR		XL6500 MOTOR					XL10000 MOTOR		
KING SPRAYER MODEL	XL30-220	XL40-180	XL45-290	XL50-250	XL60-220	XL70-180	XL90-145	XL45-430 [†]	XL70-290	XL80-250
Output per cycle	220cc	180cc	290cc	250cc	220cc	180cc	145cc	430cc	290cc	250cc
Maximum Working Pressure, bar (psi, MPa)	217 (3150, 21.7)	262 (3800, 26.2)	313 (4550, 31.3)	359 (5200, 35.9)	417 (6000, 41.7)	500 (7250, 50.0)	500 (7250, 50.0)	331 (4800, 33.1)	500 (7250, 50.0)	500 (7250, 50.0)
Maximum Air Input Pressure, bar (psi, MPa)	7 (100, .07)	7 (100, .07)	7 (100, .07)	7 (100, .07)	7 (100, .07)	7 (100, .07)	5.5 (80, .55)	7 (100, .07)	7 (100, .07)	6 (88, .60)
Output at 60 Cycles/min lpm (gpm)	12.9 (3.4)	11 (2.9)	17 (4.6)	15.2 (4.0)	12.9 (3.4)	11 (2.9)	8.7 (2.3)	25.4 (6.7)	17.4 (4.6)	15.1 (4)

For more information on Parts & Accessories for high Pressure Protective Coating Equipment, see brochure 349392

[†] Uses Dura-Flo™ lower

The higher output per cycle means less total cycles for any given job, which means less wear and tear of the parts and components. This ultimately results in less downtime and maintenance expenses for the user.

The new suction hose design ensures maximum intake rates. The new connector makes for easy maintenance and cleaning.

The heavy-duty cart is exceptionally robust and provides protection for the pump and accessories – even if the toughest conditions.



Not sure what you need? Call us on 01452 525757

Pneumatic Airless

GRACO E-XTREME® RANGE

The First Electric Airless Sprayer designed for Protective Coatings

The e-Xtreme sprayer operates on a more reliable, convenient and available electric power source, which rectifies inefficiencies associated with compressors. Furthermore, electric technology reduces pulsation and prevents motor icing, making your jobs run smoother every single time.

New Driver

Updated driver for maximum safety while spraying in hazardous locations. Minimal service driver requires (only oil). More up time, less hassle and reduced maintenance costs.

Electrically Operated

- No compressor maintenance costs.
- Runs on 240V/16A power. Low cost of ownership.
- Energy efficient.

Xtreme Lower

- 145cc - Ex45
- 180cc - Ex35

Burst Disk

Prevents over pressure of spray line

Drain/Purge Valve

Helps eliminate cured material build up.

Check Valve

Helps maintain consistent fluid pressure.



ATEX Approved

The e-Xtreme sprayer is approved for use in hazardous locations. This means it can be used in paintshops, chemical plants, refineries and offshore conditions.

Energy Savings

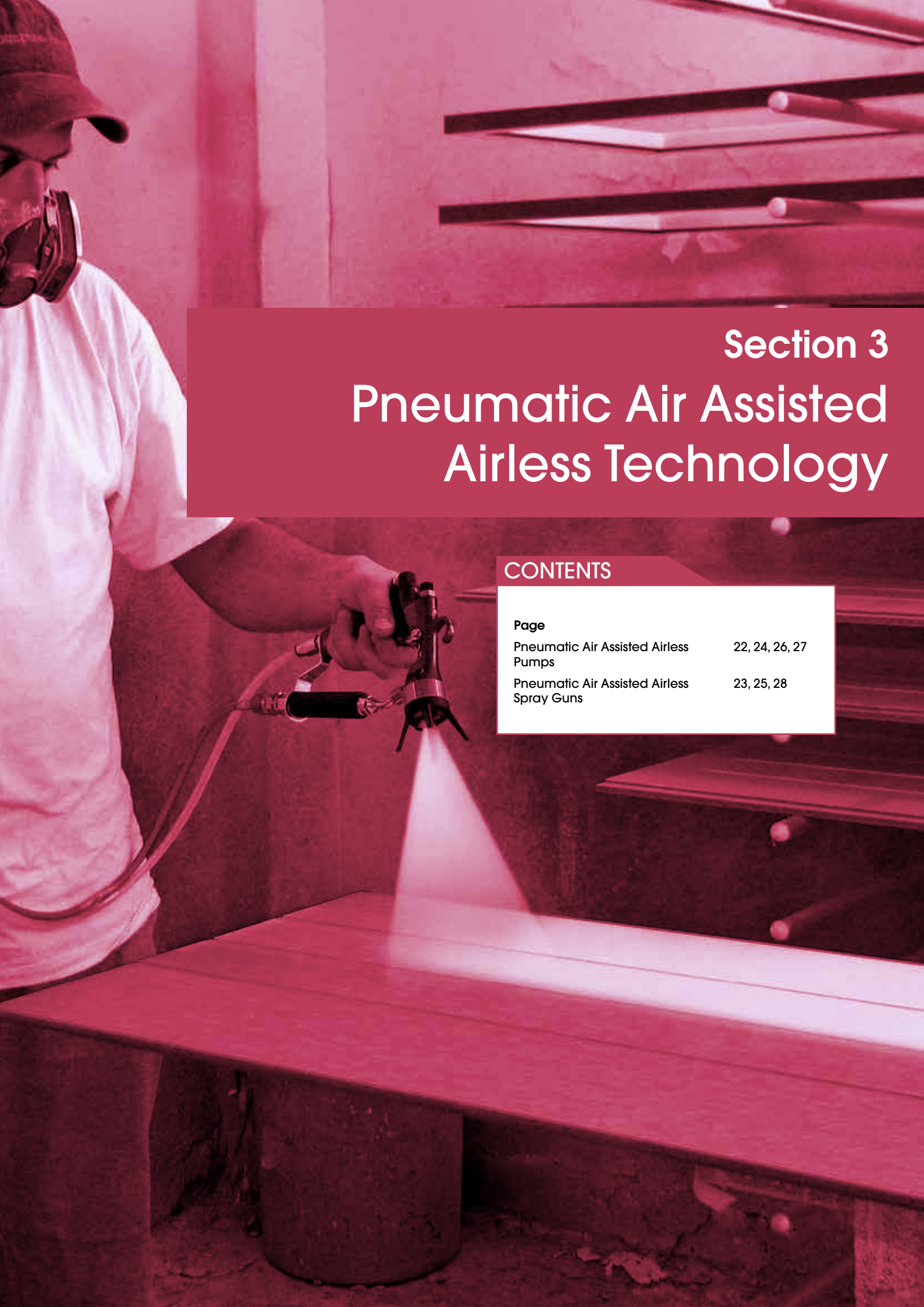
With improved efficiency and an overall lower cost of ownership, the e-Xtreme Sprayer is the most cost effective solution when compared to a Pneumatic Airless Sprayer.

Three Year Warranty

e-Xtreme Sprayers offer a three year warranty on the gear train, chassis and electric motor.

	E-XTREME EX35	E-XTREME EX45
Maximum working pressure	240 Bar (3500 PSI, 24 MPa)	310 Bar (4500 PSI, 31 MPa)
Recommended tip size	0.023"	0.021"
Fluid flow at 60 cycles/min	6 L/min	4.8 L/min
Input voltage / power	240V	240V
Sound pressure	70 dB (A)	70 dB (A)
Pump lower	180 cc	145 cc
Weight	135 kg	135 kg
Code	1007-24Z901	1007-24Y901

For further information Email us on sales@elmbridgeuk.com



Section 3

Pneumatic Air Assisted Airless Technology

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Pneumatic Air Assisted Airless Pumps	22, 24, 26, 27
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Pneumatic Air-Assisted Airless

BINKS MXL PUMPS

MX LITE outfits have been designed to provide users with a low cost, robust industrial spray outfit, able to apply a wide range of industrial coatings whilst providing the very best quality of spray finish.

- Patented Air Valve Technology – Enables pump to change over quickly to significantly reduce pulsation
- Long Lasting Ceramic Coated Piston Rods – Superior wear resistance lasting up to three times longer than hard chrome pistons
- Designed To Pump Longer With Less Downtime & Extended Packing Life – Self-adjusting spring loaded fixed packings last up to 3X longer than the competition. Large sight glass for visual packing inspection
- Air Assisted Airless AA4400 guns provide the latest atomisation technology
- Stainless Steel system – pump and gun
- 5 Year Limited Warranty – Best in class warranty for finishing equipment. Manufactured to ISO9001

Typical Applications

Joinery/furniture & woodworking, skips and dumpsters, off road vehicles, metal fabrications, truck/trailer & chassis makers, aerospace & aviation, plus many others.

BINKS MXL 4/32

The Binks MXL 4/32 is an excellent tool for the general applicator. With a 32:1 ratio pump this allows most water based and solvent based topcoats to be applied with a quality finish. This unit can be supplied in various forms:

- Wall, cart or stand mounted
- Suction hose or hopper feed system

BINKS MXL 12/31

The Binks MXL 12/31 is a High Production capacity pump that can offer the facility to feed multiple spray guns. With a 31:1 pressure rating this unit will handle a wide range of coatings. The stainless steel wet end allows both water based and solvent based paints to be used.

- Wall or cart mounted
- Suction hose feed system



MXL 4/32 Stand



MXL 4/32 Cart



MXL 4/32 Wall



MXL 12/31 Cart

	MXL 4/32	MXL 12/31
Pump Ratio	32:1	31:1
Max Working Pressure	256 Bar	248 Bar
Max Delivery Rate	4 L/min	12 L/min
Max Tip Size	0.013"	0.027"
Type	Cart With AA4400 Gun and Hose	Cart With AA4400 Gun and Hose
Code	1004-MX432	1004-MX1231

Air-Assisted Airless Spray Guns

BINKS AA4400M

The Binks Air Assist Airless spray guns are designed to maximize quality, increase production, reduce downtime, and be environmentally responsible, while providing the fit and feel that operators demand. The AA4400M is available with either HVLP or Trans-Tech® air caps, operating at lower fluid and air pressures than competitors to achieve an exceptionally fine finish with superior paint savings and lower energy consumption.

- Adjustable Spray Pattern Fine, uniform atomization can be adjusted up to 40% to reduce overspray and waste
- One tool trigger removal speeds up assembly and disassembly
- Adjustable packing can be tightened without disassembly
- Light weight gun and ergonomic handle reduce operator stress and fatigue
- Unique Twist Tip option quickly & easily removes clogs



TECHNICAL SPECIFICATIONS

Air Inlet Connection	Universal 1/4" BSP; 1/4" NPS male
Weight (gun only)	494 g
Gun Body Material	Drop Forged Aluminium
Code	1004-4400LF

TIPS

TIPS	CODE
Flat Tip	1004-114xxxxx
Twist Tip	1004-9xxx-75

1. Flat Tip

Premium tips for a uniform spray pattern



2. Twist Tip

Reduces downtime caused by tip blockages



SELECTION TABLE PREMIUM FLAT TIPS

Fan Width mm	25-50	50-100	100-150	150-200	200-250	250-300	300-350	350-400	400-450
Fan Angle	3°	5°	10°	20°	30°	40°	50°	60°	70°
7 Thou	00702	00704	00706	00708					
9 Thou	00902		00906	00908	00910	00912			
11 Thou		01104	01106	01108	01110	01112	01114		
13 Thou		01304	01306	01308	01310	01312	01314	01316	01318
15 Thou			01506	01508	01510	01512	01514	01516	01518
17 Thou			01706	01708	01710	01712	01714	01716	01718
19 Thou			01906	01908	01910	01912	01914	01916	01918
21 Thou					02110	02112	02114	02116	02118
23 Thou					02410	02412	02414	02416	02418
27 Thou					02710	02712	02714	02716	02718



Not sure what you need? Call us on 01452 525757

Pneumatic Air-Assisted Airless

GRACO MINI MERKUR ES

Ready-to-spray finishing package with a new pump at an affordable price.

- Quick flush system reduces material and solvent use
- Very low material volume required to fill the system
- Graco proven reliability on key system components
- Delivers a superior and consistent spray finish

TECHNICAL SPECIFICATIONS	MINI MERKUR ES
Pump Ratio	30:1
Max Working Pressure	7 Bar
CC Wet End	20 cc
Max Delivery Rate	1.5 L/min
Max Tip Size	0.019"
Weight	17kg
Code	1007-G23C12

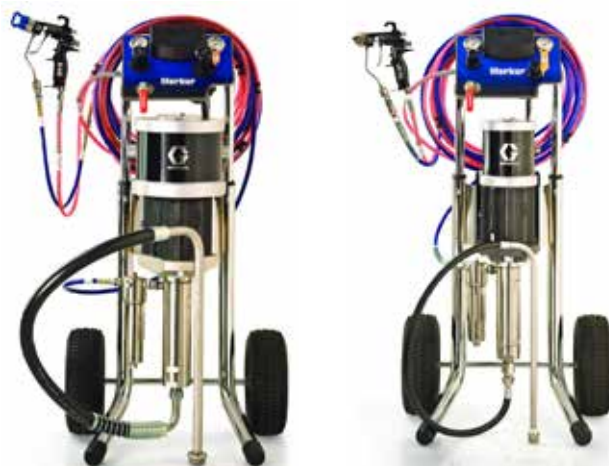


GRACO MERKUR RANGE

Achieve the right flows at the right pressures to fit all of your spraying needs. With four air motor sizes and 13 different models to choose from, the new and improved Merkur fine finish pump packages are designed to improve productivity, reduce costs, lower emissions and provide consistent, high quality finishes for all of your demanding applications.

- The Merkur pump packages are proven to outperform and outlast other pumps in their class.
- Highest technology air motor on the market.
- Low air consumption for increased efficiency.
- Muffler provides low operating noise levels.
- External valve access allows for easy servicing and online replacement to minimize downtime.
- Operator Control Panel located at operator height for easy setting and monitoring.
- Throat seal and rod enclosure protects pumped material and wet cup from contamination but can be easily removed to monitor and service.

TECHNICAL SPECIFICATIONS	MERKUR 23:1	MERKUR 30:1	MERKUR 30:1	MERKUR 36:1	MERKUR 45:1
Pump Ratio	23:1	30:1	30:1	36:1	45:1
Max Working Pressure	184 Bar	240 Bar	240 Bar	288 Bar	360 Bar
CC Wet End	100 cc	25 cc	75 cc	100 cc	50 cc
Max Delivery Rate	6 L/min	1.5 L/min	4.5 L/min	6 L/min	3 L/min
Max Tip Size	0.025"	0.019"	0.025"	0.027"	0.025"
Weight	59kg	53 kg	53 kg	55 kg	53 kg
Code	1007-G23C09	1007-G30C21	1007-G30C67	1007-G36C09	1007-G45C15



Air-Assisted Airless Spray Guns

GRACO G40

Graco G40 spray gun provides superior finish quality with tighter pattern widths and higher production speeds. The indexing aircap provides fast and accurate positioning in vertical and horizontal positions.

- Lightweight gun offers greater position accuracy.
- Enhanced spray tip for uniform atomization and superior finish.
- Increased transfer efficiency from lower fluid and air pressure.
- Specially designed AAF tip line for soft spray, allowing tighter pattern width and position accuracy.
- Fewer parts means an overall lower cost of repair.



GRACO G40 REVERSE-A-CLEAN (RAC) SPRAY GUN

Improve spraying productivity and reduce downtime with the new XHD RAC SwitchTip

- Fast tip change without removing the tip guard housing
- Locking tab ensures tip stays securely in guard
- Recommended for heavy-duty applications up to 500 Bar (50.0 MPa, 7250 ps)



SPECIFICATIONS	G40	G40 RAC
Air Inlet Connection	1/4 - 18 NPSM	1/4 - 18 NPSM
Weight (gun only)	477 Grams	477 Grams
Gun Body Material	Forged Aluminium	Forged Aluminium
Code	1007-24C855	1007-24C857

SPECIFICATIONS	CODE
Flat Tip	1007-*****
Twist Tip	1007-PAA***

SELECTION TABLE PREMIUM FLAT TIPS									
Fan Width mm	100-150	150-200	200-250	250-300	300-350	350-400	400-450	450-500	500-440
Fan Angle	10°	20°	30°	40°	50°	60°	70°	80°	90°
7 Thou	GG4 107	GG4 207	GG4 307						
9 Thou	GG4 109	GG4 209	GG4 309	GG4 409	GG4 509				
11 Thou	GG4 111	GG4 211	GG4 311	GG4 411	GG4 511	GG4 611			
13 Thou		GG4 213	GG4 313	GG4 413	GG4 513	GG4 613	GG4 713		
15 Thou		GG4 215	GG4 315	GG4 415	GG4 515	GG4 615	GG4 715		
17 Thou		GG4 217	GG4 317	GG4 417	GG4 517	GG4 617	GG4 717	GG4 817	GG4 917
19 Thou		GG4 219	GG4 319	GG4 419	GG4 519	GG4 619	GG4 719	GG4 819	GG4 919
21 Thou			GG4 321	GG4 421	GG4 521	GG4 621	GG4 721	GG4 821	GG4 921
23 Thou				GG4 423	GG4 523	GG4 623	GG4 723		GG4 923
25 Thou				GG4 425		GG4 625	GG4 725	GG4 825	
27 Thou					GG4 527	GG4 627		GG4 827	

Pneumatic Air-Assisted Airless

WAGNER PUMA

Powerful and versatile: For airless and aircoat coating with low to medium viscosity materials in cabinet making, wood working, furniture and metal working operations.

- **Versatile:** The performance capability of Puma 28-40 allows a choice of applications in the aircoat or airless process.
- **Powerful:** The high pressure ratio provides a low pulsation material flow and brilliant atomisation even with greater hose lengths.
- **Easy Cleaning:** Due to the optimised inlet and outlet valves and also a self adjusting packing system, the pump can be cleaned quickly and thoroughly.



WAGNER LEOPARD

Stainless steel piston pump in the high pressure range for Air Coat and Airless application, ideal for industrial coatings in the wood and metal industries. This pump also features the tried and tested low icing Wagner Ice Breaker pneumatic motor and an easily maintained stainless steel fluid section. The pump does not need any pneumatic oil in continuous operation and is characterised through low pulsation and low noise operation.

Due to optimised inlet and outlet valves as well as a self adjusting packing system the pump can be cleaned quickly and easily by using little solvent.



TECHNICAL SPECIFICATIONS	PUMA	LEOPARD 35 - 70
Pump Ratio	28:1	35:1
Max Working Pressure	224 Bar	280 Bar
Max Delivery Rate	2.4 L/min	4.2 L/min
Max Tip Size	0.023"	0.026"
Weight	16 Kg	26 Kg
Code	1002-5000	1002-00602

Pneumatic Air-Assisted Airless

WAGNER COBRA RANGE

Cobra® is an exclusive high pressure double diaphragm pump suitable for Airless and AirCoat applications up to 250 Bar. Its design make it perfect for any material application including the most critical ones such as reactive paints (UV paints, isocyanates, acrylics) or highly abrasive materials.

- A drastic reduction in solvent consumption during flushing operations thanks to its smaller displacement volume and the easy-to-clean design.
- High reliability and low maintenance costs with long-life parts.
- Better finishing results - very low pulsation for consistent fluid output.
- WAGNER IceBreaker® air motor technology - no ice even at the highest speeds.
- Easy to use and versatile; can work in either a horizontal or vertical position.
- A variety of mountable suction systems: hopper, flexible hose, rigid pipe.

Cobra 40-10

The ideal solution for working with small quantities and frequent colour changes - recommended for single-gun up to three-gun applications. Cobra® 40-10 is also ideal for feeding base or hardener for 2K mixing units.

Cobra 40-25

Suitable for high flow rate applications (up to 5 L/min) such as multi-gun operations or for very large nozzles. It is also an excellent solution for feeding automatic spraying systems or for heavy-duty applications. It is also ideal for feeding base or hardener for 2K mixing units when high delivery is needed.



SPECIFICATIONS	COBRA 40 - 10	COBRA 40 - 25
Pressure ratio	40:1	40:1
Mixing ratio	n/a	n/a
Max. Fluid Pressure	250 Bar	250 Bar
Volume per double stroke	10 cc	25 cc
Max. Pump Speed	200 DS/min	200 DS/min
Max. Flow Rate	2.0 L/min	2.0 L/min
Max. Tip Size	0.019"	0.025"
Weight	19 kg	32 kg
Fluid Outlet	3/8" NPS	3/8" NPS
Code	1002-2342248	1002-C1001

Air-Assisted Airless Spray Guns

WAGNER GM4700

Reliable gun operation for the smoothest workflow. With a forged aluminium gun body and a robust component design, the new AirCoat guns are made to last even under the roughest of production conditions.

Processable Materials

Stains, Solvent- and water-based paints, Clear coats and lacquers, Epoxy primers and paints, 2K materials and High solid materials.

Application Areas

Wood and furniture industry, Corrosion protection, steel industry, agricultural machinery and commercial vehicles.



TECHNICAL SPECIFICATIONS

Air Inlet Connection	G1/4"
Weight (gun only)	526 g
Gun Body Material	Forged Aluminium
Solvent based (red air cap) Code	1002-2313586
Water based (blue air cap) Code	1002-2313587

SELECTION TABLE GM4700 STANDARD TIPS

Fan Width mm	100-150	150-200	200-250	250-300	300-350	350-400	450-500
Fan Angle	10°	20°	30°	40°	50°	60°	80°
7 Thou	0379107	0379207					
9 Thou		0379209	0379409	0379509	0379609		
11 Thou	0379111	0379211	0379311	0379411	0379511	0379611	0379811
13 Thou	0379113	0379213	0379313	0379413	0379513	0379613	0379813
15 Thou	0379115	0379215	0379315	0379415	0379515	0379615	0379815
17 Thou		0379217	0379317	0379417	0379517	0379617	0379817
19 Thou		0379219	0379319	0379419	0379519	0379619	0379819
21 Thou		0379221		0379421	0379521	0379621	0379821
23 Thou				0379423		0379623	0379823

SELECTION TABLE GM4700 ACF PLUS TIPS

8 Thou		0321208	0321308	0321408	0321508		
10 Thou		0321210	0321310	0321410	0321510	0321610	
12 Thou		0321212	0321312	0321412	0321512	0321612	
14 Thou		0321214	0321314	0321414	0321514	0321614	
16 Thou		0321216	0321316	0321416	0321516	0321616	
18 Thou		0321218	0321318	0321418	0321518	0321618	



Section 4

Plural Component Technology

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Fixed Ratio Plural Component

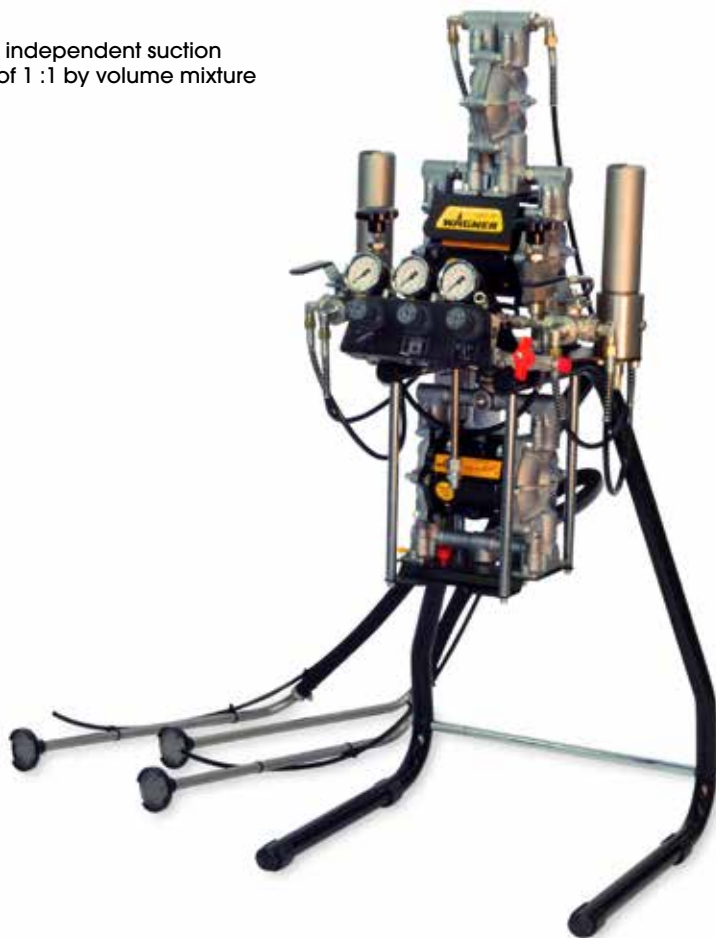
WAGNER ZIP 52 2K

The zip52 2K consists of a single diaphragm pump with independent suction and discharge of the two components with fixed ratio of 1 :1 by volume mixture to a mixing head with static mixers.

- In line mixing
- Excellent handling
- Reduced VOC's
- Up to 50% faster application
- Up to 40% material savings
- Consistent mixing accuracy
- Reduced maintenance costs
- Fast pay back on investment

SPECIFICATIONS

Pressure ratio	1:1
Mixing ratio	1:1
Max. Fluid Pressure	8 Bar
Max. Flow Rate	3.9 L/min
Max. Nozzle Size	2.2mm



WAGNER COBRA 2K

The perfect solution for highly reactive 2K materials such as polyester (primer or finishing, short and long pot-life) and is ideal for applications on old-style furniture, coffins, musical instruments, and boat and yacht interiors.

- Available on a base frame, wall bracket or trolley
- Equipped with double suction hoses, recycle valves and a static mixer
- Mix only what you spray, so the mixture is always fresh
- Suitable for everything from small jobs to full time use
- Easy to clean
- High pressure application, smoother surfaces to reduce the orange peel effect and sanding time
- Suitable for AirCoat and Airless

SPECIFICATIONS

Pressure ratio	40:1
Mixing ratio	1:1
Max. Fluid Pressure	250 Bar
Volume per double stroke	25 cc
Max. Pump Speed	200 DS/min
Max. Flow Rate	2.0 L/min
Max. Tip Size	0.025"
Weight	36 kg



For further information Email us on sales@elmbridgeuk.com

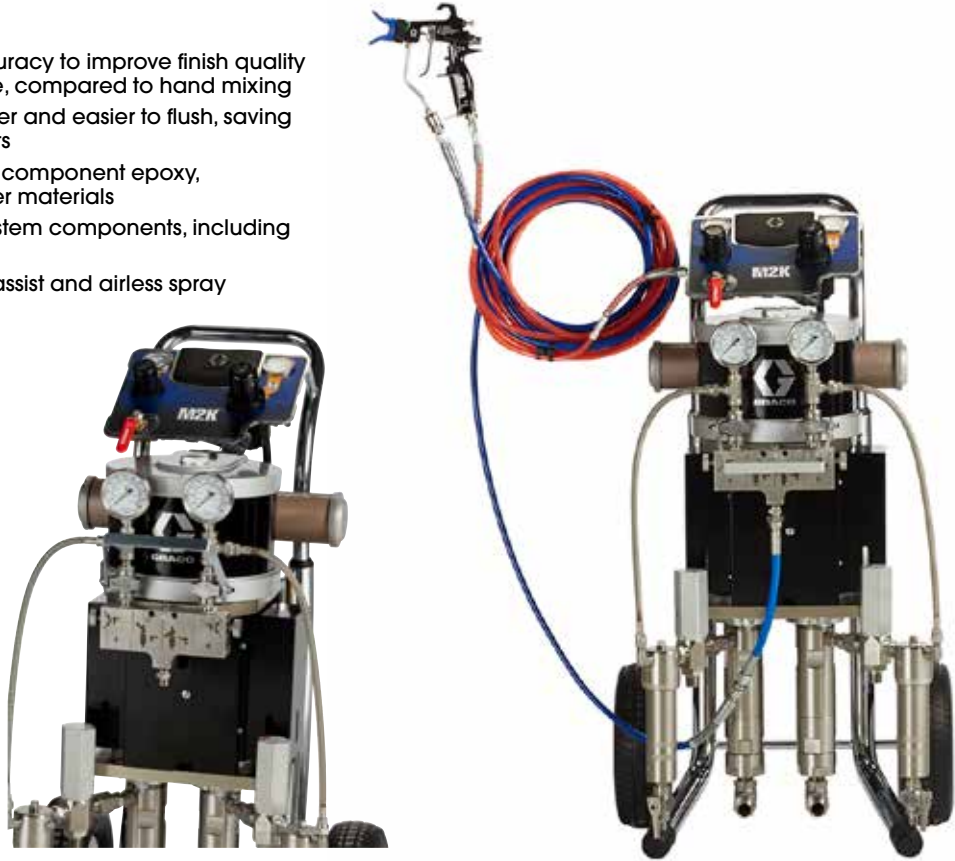
Fixed Ratio Plural Component

GRACO M2K

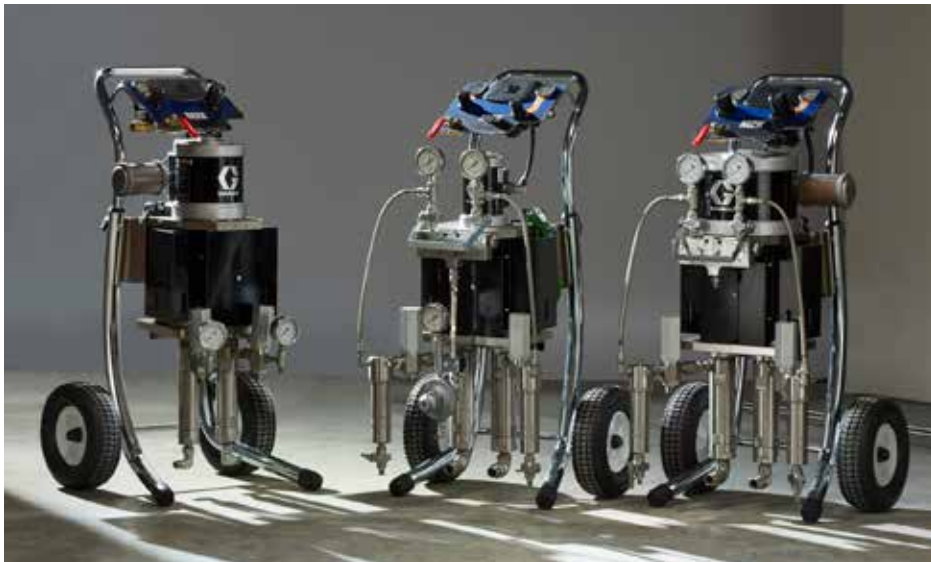
Graco's new M2K proportioning system eliminates hand mixing in an easy to use, compact design. These fixed ratio, entry level mechanical proportioner machines keep your mix ratio consistent, minimizing flush time, material waste and clean up associated with hand mixing.

Ideal for lower volume two component epoxy, polyurethane and polyester materials. The 1:1 mix ratio has been specifically designed to manage split batch polyester materials.

- Increase mix material accuracy to improve finish quality and reduce material waste, compared to hand mixing
- Compact size makes it faster and easier to flush, saving you time and disposal costs
- Ideal for lower volume two component epoxy, polyurethane and polyester materials
- Proven reliability on key system components, including our Merkur air motor
- Choose from air spray, air-assist and airless spray technologies



MODEL	MIXING RATIO	MAX WORKING PRESSURE	FLOW RATE AT 1:1 MIX RATIO	FLOW RATE AT 2:1 MIX RATIO	FLOW RATE AT 3:1 MIX RATIO	FLOW RATE AT 4:1 MIX RATIO	FLOW RATE AT 5:1 MIX RATIO	FLOW RATE AT 6:1 MIX RATIO
Airspray	1:1 - 6:1	16 Bar	2.0 L/min	3.0 L/min	2.0 L/min	2.5 L/min	3.0 L/min	3.5 L/min
Air Assist	1:1 - 6:1	200 Bar	2.0 L/min	3.0 L/min	2.0 L/min	2.5 L/min	3.0 L/min	3.5 L/min
Airless	1:1 - 6:1	200 Bar	2.0 L/min	3.0 L/min	2.0 L/min	2.5 L/min	3.0 L/min	3.5 L/min
Polyester	1:1	204 Bar	1 L/min	n/a	n/a	n/a	n/a	n/a



Not sure what you need? Call us on 01452 525757

Fixed Ratio Plural Component

GRACO XP

Two-Component Spraying - made Easy and Affordable

The trend for the coatings industry is toward high solids coatings. Formulated with less solvent, these coatings reduce VOC emissions and speed production with faster cure times.

The Graco XP Plural Component sprayer is designed to pump, mix and atomize high-viscosity, materials with superior results.

The spray system handles:

- Environmentally-friendly high solids coatings, with little or no solvent
- Hybrid polyurethanes
- Epoxies
- Very high solids coatings - up to 100% solids content
- Materials requiring heat (requires optional heaters)
- Fast-curing materials

If you spray several different materials each week, the XP is the right choice. That's because you can change the ratio by simply changing one or two pumps lowers. Six fixed mix ratios are available: 1:1, 1:5:1, 2:1, 2:5:1, 3:1 and 4:1.

Other configurations available on request.

Engineered specifically for Two-Component Coatings

The Graco XP Plural-Component sprayer provides the high-pressure performance you need to spray high-viscosity, high-solids coatings. In addition, the unit is designed to maximise gravity feed, which may eliminate the need for feed pumps, saving you money.



Merkur Solvent Flush Pump

- Quickly flushes mixed materials from hose and gun.
- Provides enough pressure to push good paint out the mix hose with a spray pattern, resulting in less wasted material.
- Mounts easily to slotted holes provided on XP cart.
- Prime valve can be used to supply flush solvent for tip cleaning, or to flush a second hose and gun that have been removed from the tee in the mix line.

Viscon Fluid Heaters

- Reduces coating viscosity so it can be sprayed at lower pressure.
- Provides consistent spray temperature, resulting in consistent spray pattern and better thickness control.
- Mounts easily to slotted holes on XP cart (requires heater mounting kit 262450).
- Available in standard or hazardous atmosphere design.

Fixed Ratio Plural Component



GRACO XP70 HF

XP-hf is designed with more flow capacity, making it ideal for high-output applications such as railcars, tank linings, marine coatings and much more. XP-hf meets high production needs, getting jobs done faster.

GRACO PLURAL COMPONENT XP

MODEL	MIXING RATIO	MAX WORKING PRESSURE	FLOW RATE MIN	FLOW RATE MAX
XP35	1:1 - 7:1	241 Bar	6.9 L/min	8.1 L/min
XP50	1:1 - 7:1	379 Bar	9.5 L/min	11.5 L/min
XP50 HF	1:1 - 7:1	379 Bar	9.5 L/min	15.0 L/min
XP70	1:1 - 7:1	500 Bar	5.7 L/min	8.1 L/min
XP70 HF	1:1 - 7:1	500 Bar	5.7 L/min	11.5 L/min

Call today for your site survey to assess your requirements.

CODE	DESCRIPTION	X-TUFF REPAIR KIT CODE
1007-L036C0	Xtreme XP 36 lower	1007-262786
1007-L048C0	Xtreme XP 48 lower	1007-262787
1007-L054C0	Xtreme XP 54 lower	1007-262774
1007-L058C0	Xtreme XP 58 lower	1007-262788
1007-L072C0	Xtreme XP 72 lower	1007-262775
1007-L085C0	Xtreme XP 85 lower	1007-262789
1007-L090C0	Xtreme XP 90 lower	1007-262776
1007-L097C0	Xtreme XP 97 lower	1007-262777
1007-L115C0	Xtreme XP 115 lower	1007-262790
1007-L14AC0	Xtreme XP 145 lower	1007-262791
1007-L18AC0	Xtreme XP 180 lower	1007-262792
1007-L22AC0	Xtreme XP 220 lower	1007-262793
1007-L25AC0	Xtreme XP 250 lower	1007-262794
1007-L29AC0	Xtreme XP 290 lower	1007-262795



Quick Return On Your Investment

You'll discover that the Graco XP Plural-Component Sprayer pays for itself when you switch from hand-mixing. Here's how:

Reduces material costs

With the Graco XP, you eliminate waste and save money because you only mix as much material as you need. No more throwing away unused material at the end of the day. No more residue left over in smaller pails or cans. You can buy material in bulk as well.

Saves money by using less clean-up solvent

Only the parts that come in contact with mixed material must be cleaned. Instead of flushing out an entire pump system that contains mixed material, you only need to flush the static mix tube and hose to the gun. Reduced cleaning time means you save labour costs and increase uptime.

Provides consistent material quality

No more guesswork or human error in measuring means you can improve throughput, cut back on material waste, and reduce rework. Materials are proportioned by precision positive displacement pumps and mixed accurately and on-ratio at the mix manifold.

Easy to operate

With proper training, operators are up and running quickly. The Graco XP runs right out of the box with low set-up time. Accessory kits can be added for heat and solvent flush.

Reduces maintenance costs

Engineered to proportion with two pumps instead of three, the Graco XP reduces cost of ownership because you only need to rebuild two pumps.

Not sure what you need? Call us on 01452 525757

Variable Ratio Plural Component

WAGNER TWIN CONTROL

With the TwinControl, Wagner offers a unique entry solution for 2K applications. The portable TwinControl is an economical, compact and easy-to-use system for a wide range of demands, including high viscosity material applications and high delivery rates.

The external magnetic stroke meter is an effective alternative to gear flow meters and allows mixing ratios up to 20:1 with a high $\pm 2\%$ precision. As a result, TwinControl is the perfect solution to mixing and applying 2K materials in the wood and metal industries, especially for protective coating requirements.

User-Friendly

TwinControl will show you how easy it is to handle 2K materials. Connect the unit, set the main parameters, push the start button - and start working!

High Reliability

TwinControl is perfect even for critical applications such as abrasive materials, reactive paints, high viscosity materials and high delivery rates.

The special software prevents off-ratio spraying and controls all working parameters to ensure a consistent and precise mixing quality.

Main Functions

- Real time mixing control with off-ratio alarm
- Pot-life monitoring with alarm
- Automatic flushing process
- Real time delivery rate display
- Mixing accuracy display
- Material consumption monitoring
- Pump diagnosis system: pre-alarm and alarm in case of pump malfunction
- Gun Flush Box connection optional
- All the working parameters can be set directly on the control panel. A 3-level password prevents unauthorized personnel from monitoring sensitive data



MODEL	PUMP A	PUMP B	MIXING RATIO	MAX WORKING PRESSURE	FLOW RATE AT 1:1 MIX RATIO	FLOW RATE AT 4:1 MIX RATIO	FLOW RATE AT 10:1 MIX RATIO	FLOW RATE AT 20:1 MIX RATIO
5-60	5-60	5-60	0.1:1 - 20:1	40 Bar	3.6 L/min	2.3 L/min	2.0 L/min	1.9 L/min
10-70	10-70	10-70	0.1:1 - 20:1	40 Bar	3.6 L/min	2.3 L/min	2.0 L/min	1.9 L/min
28-40	28-40	28-40	0.1:1 - 20:1	224 Bar	2.4 L/min	1.5 L/min	1.3 L/min	1.2 L/min
35-70	35-70	35-70	0.1:1 - 20:1	250 Bar	4.2 L/min	2.6 L/min	2.4 L/min	2.2 L/min
35-150	35-150	35-70	0.1:1 - 20:1	250 Bar	6.6 L/min	5.6 L/min	4.9 L/min	4.7 L/min
48-110	48-110	48-110	0.1:1 - 20:1	370 Bar	6.6 L/min	4.2 L/min	3.8 L/min	3.5 L/min
75-150	75-150	75-150	0.1:1 - 10:1	530 Bar	9.0 L/min	5.6 L/min	4.9 L/min	n/a
55-200	55-200	55-200	0.1:1 - 10:1	440 Bar	12.0 L/min	7.5 L/min	6.6 L/min	n/a
72-300	72-300	72-300	0.1:1 - 10:1	530 Bar	18.0 L/min	11.2 L/min	9.9 L/min	n/a

Call today for your site survey to assess your requirements.

For further information Email us on sales@elmbridgeuk.com

Variable Ratio Plural Component

WAGNER FLEXCONTROL SMART

The Wagner FlexControl Smart is a new, electronically controlled 2-K mixing and dosing system. Electronic mixing guarantees consistently optimal mixing accuracy and quick recipe changes. Another advantage of electronic mixing is that you only mix as much as you need, thus reducing waste considerably. The simple operation saves time and prevents operating errors.

The consumption data recording and transmission guarantee efficient material management. The integrated flushing function cleans the system automatically and ensures further time saving. FlexControl plus offers an almost unlimited number of options for use and for the integration of peripheral devices (such as robots, conveyors or automated lines).

SPECIFICATIONS

System voltage	115 / 230VAC
Mixing accuracy	± 1%
Mixing ratio	0.1:1 - 50:1
Material pressure	1-250 Bar
Material viscosity	20-2200 mPas
Flow Rate	50-3000 cc/min
A Components (base)	5 max
B Components (catalyst)	2 max
C Components (third additive)	1 max
Flushing agent A	2 max
Flushing agent B	2 max
Size (W x H x D)	530 x 1325 x 340mm



Accessible & Practical

With the touch display, you can select recipes simply and conveniently for a quick start. The setup process also takes place via the touch display.

Simple, Intuitive Operation

Four buttons for the painter – start, stop, flush and change recipe. Clear operator functions ensure quick and effective work.



Dosing system AIS

The AIS (Adaptive Injection System) controls the dispensing valve stroke fully automatically. The B-component is injected in smooth cycles, almost without interruptions, resulting in a practically homogeneous addition even before mixing.

If the paint through flow volume changes, e.g. due to a different number of guns or a new recipe, the dispensing system adapts fully automatically to the optimal mixing ratio. Using the AIS extension ensures a constant coating quality.

Feed Systems supplied. Call today to discuss your configuration requirements

WAGNER FLEXCONTROL 2K COMFORT

Mixing and dosing unit for multi-color applications

The WAGNER 2K COMFORT is a new electronically controlled mixing and dosing unit for multi-color applications. Compared to the WAGNER FlexControl Smart, it can process up to 25 colors and four components at the same time. For a highly efficient coating process, the unit can also be integrated into a field bus system.

Colour change in less than one minute

Saves up to 90% solvent during colour change

Best mixing results through AIS technology, patent pending

The WAGNER 2K COMFORT is also available with two fluid circuits which enables the simultaneous application of two different materials with only one unit.

SPECIFICATIONS

System voltage	115 / 230VAC
Mixing accuracy	± 1%
Mixing ratio	0.1:1 - 50:1
Material pressure	1-530 Bar
Material viscosity	20-2200 mPas
Flow Rate	50-7000 cc/min
A Components (base)	25 max
B Components (catalyst)	10 max
C Components (third additive)	10 max
D Components	10 max
Flushing agent A	10 max
Flushing agent B	5 max
Flushing agent C	5 max
Flushing agent D	5 max
Size (W x H x D)	980 x 2010 x 580mm



Not sure what you need? Call us on 01452 525757

Variable Ratio Plural Component

GRACO PROMIX 2KE

Mix two-component paints easily and consistently. Available in pump and metered versions for all spray technologies, ProMix® 2KE makes plural component finishing easy. Designed for single colour, two component, in-booth applications.

Eliminate Expensive Re-work

Stay on ratio within predefined tolerance limits, down to meter version and $\pm 2\%$ with the pump version. Off-ratio not reach your product – eliminating expensive re-work

Make Servicing a Snap

Get complete access to all items that may need periodic

- Easy to service cartridge style fluid valves
- Open access to all fluid components
- Externally mounted air filters
- Ability to program maintenance reminders

Save Time and Money

- Reduces waste
- Improves manufacturing processes
- Shortens drying times
- Reduces VOC's

Key Features

- Compact
- Flexible and easy installation
- Low flush volumes

Key Materials

- Solvent borne epoxies and polyurethanes
- Water borne epoxies and polyurethanes
- Acid catalysed materials

Key Industries

- General metal
- Wood and furniture
- Farm and construction
- Truck and bus
- Aerospace
- Electronics



	PUMP A	PUMP B	MIXING RATIO	MAX WORKING PRESSURE	FLUID FLOW
ProMix 2KE 3.1	3:1	3:1	1:1 - 30:1	21 Bar	7.6 L/min
ProMix 2KE 23.1	23:1	23:1	1:1 - 30:1	158 Bar	6.0 L/min
ProMix 2KE 30.1	30:1	30:1	1:1 - 30:1	206 Bar	4.5 L/min
ProMix 2KE 45.1	45:1	45:1	1:1 - 30:1	280 Bar	3.0 L/min

Variable Ratio Plural Component

GRACO PROMIX 2KS

ProMix 2KS offers precise and reliable electronic proportioning for a broad range of solvent based, waterborne, and acid catalysed materials. From entry level to upgraded applications, the ProMix 2KS provides flexibility and increased efficiency. With outstanding performance in one easy-to-use design, let ProMix 2KS enhance your finishing operation today.

Features

- Manual and automatic configurations
- Intrinsically safe fluid panels allow for integration into hazardous areas
- Single - or multi- colour and catalysts
- Accurate ratio assurance for superior finish quality
- Simple programming allows fast set-up and efficient process control
- Advanced web interface provides consolidated system management and reporting

SPECIFICATIONS	
Mixing accuracy	± 1%
Mixing ratio	0.1:1 - 50:1
Material pressure	1-207 Bar
Material viscosity	20-5000 mPas
Maximum Flow Rate	3800 cc/min
A Components (base)	30 max
B Components (catalyst)	4 max
Flushing agent A	2 max
Flushing agent B	2 max



GRACO PROMIX PD2K

The ProMix PD2K is a Positive Displacement Proportioning System which provides 100% Positive Displacement Technology for accurate mix ratios and consistent performance.

The PD2K mixes the material close to the gun so the flush zone is significantly smaller. This allows customers to use less paint, spend less on disposal costs and allows for faster colour changes. Because there is limited mixed material in the system, the ProMix PD2K is ideal for short pot life materials. It is also compatible with acid-based materials.

- Up to 80% reduction in flushing waste over the most efficient traditional proportioning systems
- Limited mixed material in the system - great for short pot life materials
- Faster colour changes and less material to flush
- Stalls under pressure for consistent, on-ratio results
- Proportion both epoxy and Polyurethane with ONE system
- Manage up to 30 colours and 4 catalysts with 2 or 4 dosing pumps

SPECIFICATIONS	
Mixing accuracy	± 1%
Mixing ratio	0.1:1 - 50:1
Material pressure	1-100 Bar
Material viscosity	20-5000 mPas
Maximum Flow Rate	800 cc/min
A Components (base)	30 max
B Components (catalyst)	4 max
C Components (third additive)	2 max
Flushing agent A	2 max
Flushing agent B	2 max



Not sure what you need? Call us on 01452 525757

Variable Ratio Plural Component

GRACO XM

Graco XM Plural-Component Sprayers are designed to spray the toughest plural-component materials, with the assurance that you're spraying accurately and on-ratio. Ideally suited for marine, bridge, rail and wind energy applications, each Graco XM is fully configurable – simply start with a base unit (shown below) and select additional components required for your application.

Intuitive User Controls

- Provides real-time display of ratio for ultimate spraying control
- USB drive for data reporting

Heavy-Duty Carbon Steel Frame

- Built-in pallet rack for easy transport

Mix Manifold

- Provides precision mixing and accurate ratio control, even at high flow rates
- Choose standard or remote mount

Mounting Bracket

- Supports up to three fluid heaters

XTR-7 Gun

- System supports multiple spray guns for added productivity
- Base unit includes gun, hose and static mixers



Easy to use controls

The user interface on the Graco XM is intuitive and simple to use. It provides two display modes:

“set-up” for entering parameters and a basic “run” mode for everyday operation. The user interface monitors and tracks pressure, temperature and flow, and allows you to program maintenance schedules as well.

With a conveniently located USB port, you can easily access and download historical spraying data.

Precise mixing and ratio assurance

Material mixing reaches a new level of precision due to new dosing technology.

With the Graco XM, the minor component (or side B material) is injected at high pressure into the major material (side A). Advanced sensors allow pumps to compensate for pressure fluctuations, resulting in accurate, on-ratio mixing for better yield and less waste.

Choose standard, frame-mounted mix manifold or remote mix manifold; both include a pressure gauge that displays fluid output pressure.

	PUMP A	PUMP B	MIXING RATIO	MAX WORKING PRESSURE	FLOW RATE MIN	FLOW RATE MAX
XM50	50:1	50:1	1:1 - 10:1	358 Bar	0.95 L/min	11.4 L/min
XM70	70:1	70:1	1:1 - 10:1	434 Bar	0.95 L/min	11.4 L/min



Section 5

Electrostatic Technology

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Electrostatic Guns

WAGNER GM 5000 EA

The Wagner GM5000 EA is a low pressure 80kv electrostatic spray gun, one of the lightest and shortest available. When used in conjunction with the VM5000 power pack, full controls can be accessed from the gun allowing the operator to turn the electrostatic on and off and change the Kv settings.

This gun can be fed from either a pressure pot or double diaphragm pump for consistent paint feed to the source. Often used in the industrial sector for the coating of architectural steelwork, machinery and plant.

- On gun controls
- Ergonomic handle to suit various hand sizes
- Light, easy and comfortable to use

SPECIFICATIONS

Operating Voltage	85 kV
Max Fluid Inlet Pressure	8.0 Bar
Weight	600g
Material Connection Thread	1/4"
Code	1002-2309870



WAGNER GM 5000 EAC

The Wagner GM5000 EAC is a high pressure, 250 Bar, 80kv electrostatic spray gun. This application tool is an excellent tool for the coating of high performance products quickly and efficiently. With an 80kv power generator it will give greatly reduce overspray and improve painting conditions once changing from a conventional spraying. This can be fed from a high pressure piston pump to allow large coating projects to be carried out effectively.

Often used in equipment manufacturing for industries such as agricultural, aerospace and industrial.

SPECIFICATIONS

Operating Voltage	85 kV
Max Fluid Inlet Pressure	250 Bar
Weight	600g
Material Connection Thread	1/4"
Code	1002-2328709



WAGNER VM 5000

VM 5000 for Solvent-Based Paints

The Wagner VM 5000 power pack couples up with the GM5000 spray gun to produce an Electrostatic package. This unit offers the operator the ability to adjust the voltage charge to the paint resulting in greater control for difficult projects.

Separate displays for:

- Adjustable voltage
- Spraying current μ A (actual value when spraying)
- Spraying current limit: max. 100 μ A
- Grounding check
- Fault displays
- Gun cable length up to 40 m without power loss



CODE

1002-2310477

For further information Email us on sales@elmbridgeuk.com

Electrostatic Guns



GRACO PRO XP 40

The Graco Pro Xp 40 electrostatic spray gun will offer you an excellent introduction to electrostatic spraying. With the 40Kv generator this will give a great reduction in over spray and give a quality paint finish. Being the lightest electrostatic spray gun available, it will give excellent operator comfort

- Small, light and comfortable
- 3 year warranty
- Available as a high conductivity version for metallic containing paints

SPECIFICATION	
Operating Voltage	40 kV
Code	1007-L40T10



GRACO PRO XP 60

The Graco Pro Xp 60 electrostatic spray gun will offer you an excellent electrostatic spraying experience. With the 60Kv generator this will give a great reduction in over spray and give a quality paint finish. Being the lightest 60kv electrostatic spray gun available, it will give excellent operator comfort

- Available with standard or smart controls
- Available as a high conductivity version for metallic containing paints
- 3 year warranty

SPECIFICATION	PRO XP60 STANDARD	PRO XP60 SMART CONTROL
Operating Voltage	60 kV	60 kV
Code	1007-L60T16	1007-L60M16



GRACO PRO XP 85

The Graco Pro Xp 85 is the highest powered electrostatic spray gun in the range. This model will give the maximum amount of "wrap round" to greatly reduce overspray and paint usages. High quality finishes can be achieved when painting objects from agricultural machinery too metal furniture.

- Very light and operator friendly
- Available with standard or smart controls
- Available as a high conductivity version for metallic containing paints
- 3 year warranty

SPECIFICATION	PRO XP85 STANDARD	PRO XP85 SMART CONTROL
Operating Voltage	85 kV	60 kV
Code	1007-L85T10	1007-L85M10



GRACO PRO XP 85 AAL

The Graco XP 85 Air Assist is a high pressure electrostatic spray gun suitable for fluid pressures up to 210 Bar. By adding electrostatic technology to an air assisted airless spray gun finishes, speed and operator satisfaction will be of a high standard. By using with a Piston Pump large batch quantities can be painted with minimal downtime. Often used in equipment manufacturing for industries such as agricultural, aerospace and industrial.

- Available with standard or smart controls
- Available as a high conductivity version for metallic containing paints
- 3 year warranty

SPECIFICATION	PRO XP 85AAL STANDARD	PRO XP85AAL SMART CONTROL
Operating Voltage	85 kV	85 kV
Code	1007-H85T10	1007-H85M10

Electrostatic Guns

RANSBURG RANSFLEX

Low pressure electrostatic cordless manual hand gun for application of solvent based paints.

The RansFlex is an air atomizing electrostatic applicator powered by an onboard generator. DeVilbiss atomization technology is coupled with Ransburg power to provide superior atomization and performance backed by a 5-year limited warranty.

- Easier to maintain - 20% fewer parts than previous models
- Three-phase motor in patented turbine - reduces vibration and provides electrostatic power
- Quick air hose disconnect technology - reduces "treeing"
- Colour coded nozzles - easy identification
- Indexing air cap and quick voltage on/off knob
- Lightweight with ergonomic fit, feel, balance and controls - reduces operator fatigue
- Redesigned sleek and smooth exterior - Easier to clean and maintain
- Provides three phases of generator protection - Includes divorced generator air supply cartridge, sealed nozzle/atomization passages and strategic turbine location
- Meets ATEX-CE/FM/CSA
- Complies with all globally recognised safety standards
- Reverse "cheeks" and formed trigger
- 5 year limited warranty

Typical applications:

- Aerospace industry
- General Metal spraying
- Marine and Yacht applications
- Commercial and off Road Vehicles
- Intricate metal components and parts



	45KV RX	65KV RX
Operating Voltage	45 kV	65 kV
Min Air Inlet Pressure	2.8 Bar	2.8 Bar
Air Consumption with Voltage	15.4 cfm	15.4 cfm
Weight	599g	620g
Code	1004-4511105	1004-8036505

RANSBURG RANSFLEX RXI

Indirect Electrostatic Manual Spray Gun for application of water based paints, without the need for isolation equipment.

The RansFlex RXI is a low pressure, 45kV, air atomising electrostatic spray gun powered by an inbuilt turbine generator. It uses indirect electrostatic charging technology which means there isn't any need to isolate the waterborne paint feed containers or paint pumps with expensive isolation cages or tanks, saving users significant expense and floor space.

RansFlex Key Benefits:

- Universal Water Based Paint Compatibility - Sprays straight from your regular paint pumps or pressure feed tanks
- World Renowned DeVilbiss Atomisation Technology - For superior atomization and finish quality.
- Triple Turbine Protection - Three phases of turbine protection include a divorced turbine air supply cartridge, sealed nozzle/atomisation passages and the strategic turbine location.
- Ergonomic Fit and Feel - The lightweight, curved gun handle requires less "grip-force" with a softer trigger pull.
- Easy to use controls - On/Off voltage switch is on the gun. Stylized, user friendly knobs. Easy adjustment even with a gloved hand.
- Removable proprietary cascade
- Optional quick disconnect built into applicator handle
- Stamped metal trigger for strength and durability
- Cast stainless steel fluid bracket
- 5 year limited warranty

Typical applications:

- Aerospace industry
- General metal spraying
- Marine and yacht applications
- Commercial and off road vehicles
- Intricate, irregular shaped parts



	45KV RXI
Operating Voltage	45 kV DC
Min Air Inlet Pressure	0-6.9 Bar
Air Consumption with Voltage	15.4 cfm
Weight	600g
Code	1004-8044511116

For further information Email us on sales@elmbridgeuk.com

Electrostatic Water-based Systems

WAGNER AQUACOAT SYSTEMS 5010 & 5020

The optimized Wagner AquaCoat 5010/5020 electrostatic systems enable the simple and safe electrostatic application of waterbased materials.

Large cabinet for the electrostatic processing of water-based lacquers, primers, paints, glues and separating agent with manual guns. Completely insulated construction with internal charging of the materials for manual spraying applications, AirSpray and AirCoat.

- Compliance with VOC regulations due to the avoidance of solvent-based materials
- Maximum level of safety thanks to mechanical locking during application and restriction of the discharge energy to 350 mJ
- Reproducible coating result by selecting from up to three receipts on the gun and locking of the process parameters
- Improvement in material efficiency due to the Spray-O-Round effect
- Maximum application efficiency compared to similar products due to finer atomization at a lower spray jet speed
- Quick colour changes due to large door and easy access



Excellent ergonomics & maximum application efficiency

Thanks to the lightweight GM 5020 manual gun and the flexible material hose.

Central control

Easily accessible and clear display of all process parameters & controls



Aquacoat 5010



Aquacoat 5020 with window

Quick colour changes

Large, hinged doors available with/without window for checking the level.

Double the safety

Dual safety system ensures mechanical locking of the cabinet during application.

Advantages for metal applications

- Suitable for coating geometrically complex components, both for low and high surface powers.
- Improved edge coverage due to less thinning of the coating material at the edges.
- Excellent coating of different geometries due to formula selection on the gun.
- Efficient operating speed for pressure ranges up to 250 Bar

Advantages for wood applications

- Ideally suited for coating geometrically complex components and surfaces, such as window units and chairs.
- Efficient operating speed for pressure ranges up to 250 Bar.
- Improved edge coverage due to less thinning of the coating material at the edges.

Advantages for release agents

- Electrostatic processing of waterbased release agents for the general and automotive supply industry.
- Ultra-fine atomization & homogeneous wetting with the lowest coating thicknesses.
- Facilitation of workpiece removal thanks to even wetting of geometrically complex shapes.
- Improved handling & fatigue-free work during manual coating with DN3 hoses.

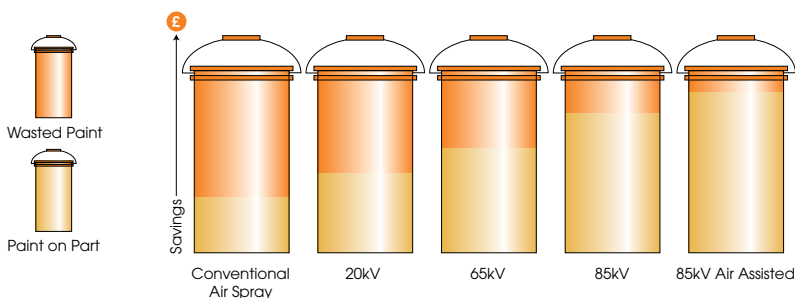
Call today to discuss your configuration requirements.

Not sure what you need? Call us on 01452 525757

Benefits of Electrostatic Technology

RETURN-ON-INVESTMENT

The chart below typically shows how your savings increase as you move up to the Electrostatic Range. Use the analysis tools below to see how much you can save with Electrostatic spray technology.

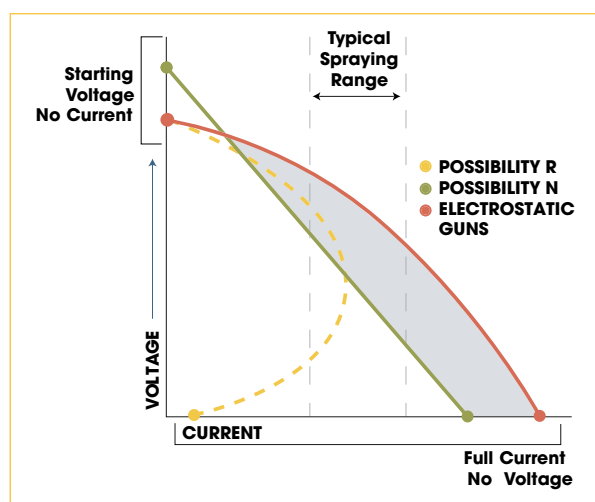


REDUCE OPERATING COSTS

By replacing conventional Air Spray and HVLP Guns, with Electrostatic technology.

	Typical	Calculate Your Own
Paint price per litre	£6	
	x	x
Litre used per day (typical 20 litre/day)	20	
	x	x
Business days per year	220	220
Typical savings (see below)	x	x
Air Spray Gun		
20 kV	20% Savings	20%
65 kV	40% Savings	
85 kV	60% Savings	
85 kVA	65% Savings	
HVLP/Compliant		
20 kV	10% Savings	
65 kV	30% Savings	
85 kV	50% Savings	
85 kVA	55% Savings	
Annual Savings	£5280*	

***20kV pays for itself in less than 6 months!**



Typical load lines of electrostatic guns

BENEFITS YOU CAN COUNT ON

Electrostatic Performance

Higher voltage up to 35% in actual spraying range, improving material savings.

Savings

Material savings, less paint wastage.

Low cost of ownership, reduced time to service, less maintenance.

High Surface Quality

Due to the homogeneous alignment of the electrostatic field lines, the film thickness is extremely uniform. In addition, particles charged with the same polarity improve significantly the atomization power for creating an excellent surface finishing.

Time Savings Due To Wrap Around Effect

The paint, which is electrostatically charged by the spray gun, is attracted to all sides of the grounded object. This wrap-around effect saves time, and depending on the object, it may only need to be coated from one side.

For further information Email us on sales@elmbridgeuk.com



Section 6

Automation

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Automatic Air Assisted Spray Guns

GRACO G40 AUTOMATIC AIR ASSISTED SPRAY GUNS

Graco's G40 Automatic Air-Assisted spray gun is lightweight and offers a superior finish quality with tighter patterns widths and greater position accuracy. The indexing aircap provides fast and accurate positioning in either the vertical or horizontal position. The AAF tip line is designed for soft spray and improved transfer efficiency. Ideal for wood and general metal finishing applications.

- Extremely lightweight gun, only 545 gram
- Enhanced spray tip for uniform atomization and superior finish quality
- AAP precision tips allow for a tighter pattern width and position accuracy
- Increased transfer efficiency resulting from lower fluid and air pressure
- Fewer parts means an overall lower cost of repair
- The indexing air cap provides fast and accurate positioning in either the vertical or horizontal position

TECHNICAL SPECIFICATIONS

Max material pressure	276 Bar / 4000 PSI
Max material temperature	49°C
Max air inlet pressure	7.0 Bar / 100 PSI
Size (L x W x H)	135 x 51 x 76 mm
Weight	965 g



WAGNER GA 4000 AUTOMATIC AIR ASSISTED SPRAY GUN

Wagner automatic AirCoat guns employ a new AirCoat atomization process to produce the finest finishing results. These guns meet all market demands - highest flexibility, ultra light weight, compact dimensions and new long life packing for high process reliability. Whether laquers for wood finishing, 2K materials for corrosion protection of metals or primers for leather coatings, the new GA 4000AC is perfect for your individual needs.

- Fast and constant open-close speed - Fast trigger speed reduces overspray due to closer and more precise trigger positions to the workpiece.
- Small and lightweight providing mounting flexibility and fast movement.
- All wetted parts are in stainless steel so the gun is suitable for virtually any kind of paint.
- New air cap design ensures superior atomization with a soft and smooth spray pattern.
- The fine and soft atomization combined with a homogenous particle size guarantees a high transfer efficiency.
- The long life, easily interchangeable packing increases reliability and reduces downtime.

TECHNICAL SPECIFICATIONS

Max material pressure	250 Bar / 3626 PSI
Max material temperature	80°C
Max air inlet pressure	8.0 Bar / 116 PSI
Size (L x W x H)	129 x 47 x 60 mm
Weight	700 g
Code	1002-2310534

AIR CAPS

AIR CAPS	CODE
Red Air Cap (Low Viscosity)	1002-2308808
Blue Air Cap (High Viscosity)	1002-2308809



Automatic Low Pressure Spray Guns

DEVILBISS AG-360 SERIES AUTO SPRAY GUNS

Low Pressure Air Atomisation Automatic Spray Gun Range

The AG-360 Automatic spray gun Series from DeVilbiss is available in various gun formats to provide an all-encompassing and universal automatic finishing solution for all applications. Using the acknowledged market leading low Pressure Air Atomisation technology from DeVilbiss, the AG-360 automatic spray gun series has been developed to provide a blend of finish quality, engineering robustness and superior Transfer Efficiency.

Designed to function in the tough working environment of the modern finishing industry, these guns give you maximum productivity with minimum downtime. A comprehensive range of Conventional, HVLP and Trans Tech (Compliant) air caps provide a choice of Environmental compliance, Transfer Efficiency, Atomisation power and application requirements.

- Simple construction and easy maintenance for minimal down-time.
- Stainless Steel Fluid Passageways for Water based & Solvent based coating applications.
- Quick detachable mounting manifolds provide fast and easy maintenance.
- Compact size and weight for easy positioning and precise alignment.
- Multiple options and formats to evolve for all application requirements.
- Independent Fan, Atomising and Trigger Air – vital for Robotic and fully automatic machine applications.



AG-361 Non-Manifold Gun

AG-361 Low Pressure, Air Atomising, Automatic Spray guns are designed to be cost effective, with maximum control and serviceability for fine finishing and general industrial applications.

AG-361 series shares common Air Caps and fluid tips with the market leading DeVilbiss PRO Lite hand gun. This means the AG-361 range offer consistent application parameters between Automatic and Hand spray stations in the same facility.

- Modular, easy to maintain gun construction.
- High Grade Stainless Steel gun head and fluid passageways for use with all coating types.
- Air Caps available in HVLP, Trans Tech/High Efficiency and Conventional Air Atomisation versions.
- Total control of application parameters by means of independent Atomising and Spray Pattern air plus an 18 'click' per revolution fluid needle control knob.

AG-362 automatic spray guns

AG-362 Automatic Spray Guns are built to the same superior specification as the AG-361 series but have the addition of a quick detachable Manifold base. This allows the gun to be quickly and easily removed for maintenance, cleaning or change-over without disturbing the positional settings. On re-attaching the fluid and air can be turned back on and the gun is instantly in the right location ready for operation.

Two manifold versions are available:

- A lever operated cam version allowing very fast removal and replacement of the gun during the production process
- A low profile screw attached version which also has the pressure capability for mounting the A-363 Air Assisted Airless Automatic gun. Just swap gun, change pump and spray!

AG-362 encompass versatile designs; The AG-362 is for general industry and the AG-362P is for the cosmetics and glass industries.

AIR CAP	ATOMISATION	0.85MM	1.0MM	1.2MM	1.4MM	1.6MM	1.8MM	2.0MM	2.2MM
C1	Conventional	S	S	S	S	S	S		
C2	Conventional	S	S	S	S	S	S		
C3	Conventional	S	S	S	S	S	S		

These Air Caps match with PROC-215 Fluid Nozzle

HV30	HVLP	S	SN	S	SN	S	SN	S	SN
TE10	Trans Tech (High Efficiency)	S	SN	S	SN	S	SN	S	SN
TE20	Trans Tech (High Efficiency)	S	SN	S	SN	S	SN	S	SN
TE30	Trans Tech (High Efficiency)	S	SN	S	SN	S	SN	S	SN
TE40	Trans Tech (High Efficiency)	S	SN	S	SN	S	SN	S	SN
TE40R	Trans Tech (High Efficiency)	S	SN	S	SN	S	SN	S	SN

These Air Caps match with PRO-205 Fluid Nozzle

S=High Grade Stainless Steel available

N= Nitride Hardened Tips & Needles available

Not sure what you need? Call us on 01452 525757

Automatic Electrostatic Spray Guns

GRACO PROBELL ROTARY APPLICATOR

New ProBell rotary applicator, you get high performance spraying with intuitive controls and a modular, scalable design. Plus you have the flexibility to start small with one controller and work your way up to more, or install a complete system all at once, accommodating your specific installation and budget needs. And at 60,000 RPM, you not only get high production speeds for your industrial application, but the precision balanced cup also gives you low vibration.

In addition to delivering superior quality, high transfer efficiency and precision spraying, the ProBell applicator is lightweight and compact allowing for lower payload robots or reciprocators.

- Modularity allows customers to design a system to meet their production needs and budget
- Easy system integration with existing PLC or new installation
- Controller interface allows for easy management of spray parameters
- Improved safety and reliability with a low voltage cable and adjustable arc detection settings.
- Configurations for a Hollow Wrist Robot, Solid Wrist Robot, Fixed Mount or Reciprocator Mount
- Bell cups are optimized for superior spraying with a variety of pattern sizes and flow rates
- 2 different aluminum finishes (including high wear for abrasive materials) or composite construction for bell cups
- Compact, lightweight design allows for lower payload robots or reciprocators to be used - saving money



GRACO PRECISION BELL CUP

Bell cups are optimized for superior spraying with a variety of pattern sizes and flow rates. Available in 2 different aluminium finishes (including high wear for abrasive materials) or composite construction.

Contact us for more
information
01452 525757

Aluminium
High Wear
Serrated Edge

Aluminium
Serrated Edge

Aluminium
Smooth Edge

Composite
Smooth Edge

50mm

30mm

15mm



For further information Email us on sales@elmbridgeuk.com

Automatic Electrostatic Spray Guns

GRACO PRO XP AUTO AIR SPRAY ELECTROSTATIC SPRAY GUNS

Get the spray performance and transfer efficiency of our manual Pro Xp guns in an automatic version. They're smaller, lighter and designed to maximize your profits. Every automatic Pro Xp gun is tested and delivered with a certificate indicating it meets all of Graco's requirements for spray pattern, mechanical performance and electrical performance so you know you're getting a quality product.

- Versatile product line gives you more models to choose from and greater spraying flexibility with air spray, air assist and waterborne guns
- Manifold style fits almost any systems requirement - back manifold is ideal for stationary and reciprocator systems and bottom manifold is ideal for robot mounting
- 85 kV power supply and internal power so there's no electrical cord to worry about damaging or replacing
- Higher transfer efficiency equals less waste, saving you money on material
- Made in the USA
- Durable components reduce cost of ownership, supported by a three year warranty



	PRO XP AUTO AIR	PRO XP AUTO AIR ASSISTED
Operating Voltage	85 kV	85 kV
Min Air Inlet Pressure	0-7 Bar	0-7 Bar
Max Fluid Working Pressure	7 Bar	210 Bar
Weight	1.2 Kg	1.2 Kg
Code	1007-LA1T10	1007-HA1T10

Automatic Electrostatic Spray Guns

WAGNER GA 5000 & EPG 5000 ELECTROSTATIC AUTOMATIC GUN

Best transfer efficiency and superior finishing quality in the field of electrostatic coating - with the WAGNER GA 5000 electrostatic automatic gun combined with the EPG 5000 control unit.

The WAGNER GA 5000 & EPG 5000 are a contribution to the trend of electrostatic processes which reduce coating-related pollutant emissions, as well as automated systems. Compared to the bell atomiser, this solution has a much simpler structure and achieves equally excellent spraying results. It can be used for various applications, e.g. agricultural equipment, transportation vehicles or automotive parts.

- Material savings of up to 50%.
- All-in-one control unit.
- Highest safety functions built in



SPECIFICATIONS	GA 5000EA	GA 5000EAW	GA 5000EAC	GA 5000EACW
Operating Voltage	80 kV	80 kV	80 kV	80 kV
Max Fluid Inlet Pressure	8 Bar	8 Bar	250 Bar	250 Bar
Weight	1.2 Kg	1 Kg	1.2 Kg	1 Kg
Material Connection Thread	BSP 1/4"	BSP 1/4"	NPS 1/4"	NPS 1/4"



For further information Email us on sales@elmbridgeuk.com



Section 7

Paint Shop Equipment

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Agitators



GRACO TWISTORK™ DRUM AGITATORS

- Helix blade effectively mixes higher viscosity materials
- Mounts directly to 2 inch drum bung
- Stainless and carbon steel material options
- Siphon model allows material transfer through agitator shaft
- Sealed agitator drive prevents material contamination and evaporation
- ATEX approval for hazardous locations

SPECIFICATION			
HP	1.5	1.5	0.75
Length	95cm	95cm	121cm
Material	Carbon Steel	Stainless Steel	Stainless Steel
Code	1007-224854	1007-235534	1007-236629



Graco Expanding Blade Drum Agitators

- Corrosion resistant materials
- Threads into 1.5" or 2" drum bung
- Includes angled adapter reduces vortexing and allows for off center mounting
- Customize configuration by adjusting blade height or by adding additional blade assemblies
- Collapsible blades fit through drum bung and expand when spinning for efficient mixing

SPECIFICATION		
HP	1	1.75
Max Speed	500 rpm	500 rpm
Material	Stainless Steel	Stainless Steel
Code	1007-24C728	1007-24C729

GRACO PAIL & DRUM AGITATORS

- Agitators mount directly to mix tank or drum covers
- Dual propeller ensures efficient and thorough mixing
- Easy adjustment knob for fine tuning agitator speed to ideal mixing parameters



25 LITRE PAIL AGITATORS						
HP	0.25	0.25	0.25	0.25	0.25	0.25
Length	33.6cm	33.6cm	33.6cm	33.6cm	33.6cm	43.8
Material	Stainless Steel	Stainless Steel	Carbon Steel	Stainless Steel	Carbon Steel	Stainless Steel
Code	1007-222695	1007-204536	1007-226086	1007-243340	1007-245895	1007-224572

205 LITRE DRUM AGITATORS					
HP	0.5	0.5	0.75	0.5	1.5
Length	79.3cm	79.3cm	73.6cm	79.3cm	84.4cm
Material	Carbon Steel	Carbon Steel, SST Cover	Carbon Steel	Stainless Steel	Carbon Steel, Alu
Code	1007-206758	1007-207199	1007-207953	1007-222698	1007-206760

Agitators & Heaters

GRACO HEAVY DUTY DRUM AGITATOR

- Heavy duty gearbox mixes high viscosity materials
- Leak-free and oil-less gearbox prevents material contamination
- Stainless steel agitator and cover for corrosion resistance and waterborne compatibility
- Twin paddles thoroughly mix finishing materials
- Siphon option allows material transfer through agitator shaft
- Access port for easy sampling and inspection of material during operation



SPECIFICATION				
	Agitator with elevator, drum cover and siphon kit	Agitator with elevator and drum cover	Bare Agitator only	Bare Agitator with siphon kit only
HP	0.5	0.5	0.5	0.5
Length	81.25cm	81.25cm	81.25cm	81.25cm
Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Code	1007-231414	1007-231413	1007-238157	1007-240209

GRACO VISCON HP FLUID HEATERS

- Variable heating levels for consistent viscosity control
- Approved for hazardous locations
- 500 bar (7250 psi) maximum working pressure
- 18 - 121°C Operating Temperature
- Stainless steel construction is compatible with catalyst, waterborne, and other finishing materials
- Includes bracket, hose, and fittings for easy integration

DESCRIPTION	ATEX RATED	CODE
110 VAC single phase, 2300 watts, 19.2 amps	Yes	1007-245848
240 VAC single phase, 4000 watts, 16.7 amps	Yes	1007-245863
110 VAC single phase, 2300 watts, 19.2 amps	No	1007-245867
240 VAC single phase, 4000 watts, 16.7 amps	No	1007-245869

Higher pressure for use with most pumps

- Pressure rating of 7250 psi (500 bar, 50 MPa)

Excellent for high solids coatings

- Improves flow and reduces pressure drop
- 11mm diameter fluid passages

Increased heating capacity and accurate temperature control

- Maintains consistent temperature and fluid viscosity for uniform applications
- Includes outbound fluid temperature thermometer



Stainless steel design

- Resists corrosion
- Compatible with most materials

Fluid Pressure Regulators

FLUID PRESSURE REGULATORS

Please see below for the Graco range of Fluid Pressure Regulators.

	Part Number	Max Pressure bar (psi)	Regulated Pressure bar (psi)	Max Delivery lpm (gpm)	Wetted Parts	Type	Inlet/Outlet	Gauge Port	Includes Gauge
Low Pressure 0-160 psi (0-11 bar)		24E472	0,06-2,0 (1-30)		SST	Air	1/4 M 1/4 F		
		24E471	0,06-3,4 (1-50)		SST	Air	1/4 M 1/4 F		
		24C375	0,06-6,2 (1-90)		SST	Air	1/4 M 1/4 F		
		236449	7 (100)	0,2-2 (3-30)	1,9 (0,5)	Acetal	Manual	1/4 F 1/4 F	1/4 F Yes
		241976	7 (100)	0,2-2 (3-30)	1,9 (0,5)	Acetal	Air	1/4 F 1/4 F	1/4 F No
		236281	7 (100)	0,2-7 (3-100)	1,9 (0,5)	Acetal	Manual	1/4 F 1/4 M	1/4 F Yes
		236216	7 (100)	1-7 (20-100)	1,9 (0,5)	Acetal	Manual	1/4 F 1/4 F	1/4 F Yes
		236450	7 (100)	1-7 (20-100)	1,9 (0,5)	Acetal	Manual	1/4 F 1/4 F	1/4 F Yes
		214980	17,5 (250)	0-2 (0-30)	11,3 (3,0)	SST	Air	3/8 F 3/8 F	1/4 F No
		214895	17,5 (250)	0-7 (5-100)	11,3 (3,0)	SST	Manual	3/8 F 3/8 F	1/4 F No
		214706	17,5 (250)	0-7 (5-100)	11,3 (3,0)	SST	Manual	3/8 F 3/8 F	1/4 F Yes
		222115	17,5 (250)	1-11 (20-160)	11,3 (3,0)	SST	Manual	3/8 F 3/8 F	1/4 F Yes
		217314	17,5 (250)	1-11 (20-160)	11,3 (3,0)	SST	Manual	3/8 F 3/8 F	1/4 F Yes
		221118	17,5 (250)	1-11 (20-160)	11,3 (3,0)	SST	Manual	3/8 F 3/8 F	1/4 F Yes
		222121	103 (1500)	10-83 (150-1200)	3,7 (1,0)	SST	Manual	1/4 F 1/4 F	- No
		240197	103 (1500)	10-83 (150-1200)	3,7 (1,0)	SST	Manual	1/4 F 1/4 F	1/4 F Yes
		240198	103 (1500)	10-83 (150-1200)	3,7 (1,0)	SST	Manual	1/4 F 1/4 F	1/4 F Yes
High Pressure 150-5000 psi (10-344 bar)		217576	206 (3000)	13-69 (200-1000)	13,2 (3,5)	CS	Manual	3/8 F 1/4 F	1/4 F Yes
		206661	206 (3000)	69-206 (1000-3000)	13,2 (3,5)	CS	Manual	3/8 F 3/8 F	1/4 F No
		238889	413 (6000)	34-206 (500-3000)	3,7 (1,0)	SST	Manual	3/8 F 3/8 F	1/4 F Yes
		238890	413 (6000)	34-206 (500-3000)	3,7 (1,0)	SST	Manual	3/8 F 3/8 F	1/4 F No
		238893	413 (6000)	34-275 (500-4000)	3,7 (1,0)	SST	Air	3/8 F 3/8 F	1/4 F Yes
		238894	413 (6000)	34-275 (500-4000)	3,7 (1,0)	SST	Air	3/8 F 3/8 F	1/4 F No
		238891	413 (6000)	206-344 (3000-5000)	3,7 (1,0)	SST	Manual	3/8 F 3/8 F	1/4 F Yes
		238892	413 (6000)	206-344 (3000-5000)	3,7 (1,0)	SST	Manual	1-1/4 F 1-1/4 F	1/4 F Yes
		208997	12 (180)	0-12 (0-180)	56,7 (15)	SST	Manual	1-1/4 F 1-1/4 F	1/4 F Yes
		916154	12 (180)	0-12 (0-180)	56,7 (15)	SST, Carbide	Manual	1-1/4 F 1-1/4 F	1/4 F Yes
Back Pressure 0-250 psi (0-17 bar)		903508	12 (180)	0-12 (0-180)	56,7 (15)	SST	Manual	3/8 M 3/8 F	1/4 F Yes
		205122	12 (180)	0-12 (0-180)	7,5 (2,0)	CS	Manual	3/8 M 3/8 F	1/4 F Yes
		237503	12 (180)	0-12 (5-180)	16,2 (4,3)	SST	Manual	3/8 M 3/8 F	1/4 F No
		236770	12 (180)	0-12 (5-180)	16,2 (4,3)	SST	Manual	3/8 M 3/8 F	1/4 F Yes
		206019	12 (180)	0-12 (0-180)	56,7 (15,0)	Aluminum	Manual	1 F 1 F	1/4 F Yes
		224486	20,7 (300)	0,3-12 (5-180)	75 (20)	SST, Acetal and PTFE	Manual	1-1/2 F	1/4 npt(f) Yes
		223824	20,7 (300)	0,3-12 (5-180)	75 (20)	SST, Acetal and PTFE	Manual	2 in Sanitary	1/3 npt(f) Yes
		288117	20,7 (300)	1,7-17 (25-250)	75 (20)	SST, Acetal and PTFE	Air	1-1/4 F	1/4 npt(f) Yes
		288311	20,7 (300)	1,7-17 (25-250)	75 (20)	SST, Acetal and PTFE	Air	1-1/2 F	1/4 npt(f) Yes
		288262	20,7 (300)	1,7-17 (25-250)	75 (20)	SST, Acetal and PTFE	Air	2 in Sanitary	1/4 npt(f) Yes

For further information Email us on sales@elmbridgeuk.com

Transfer Pumps

GRACO T1 AND T2 TRANSFER PUMPS

- The T2 design doubles the output – from 9.5 to 19 liter 2.5 to 5.0 gpm – able to keep up with high-output proportioners
- The smaller T1 pump allows for lower 2:1 output, ideal for spraying applications
- Reliable and Cost Effective
- Quick-disconnect feature allows easier drum removal and faster change-outs
- Improved fluid intake easily handles higher viscosity materials – even in cold conditions

	T1	T2
Ratio	2:1	2.25:1
Maximum output – continuous	9.5 lpm (2.5 gpm)	19 lpm (5.0 gpm)
Maximum output – intermittent	15 lpm (4.0 gpm)	28 lpm (7.5 gpm)
Maximum input air pressure	12 bar (180 psi, 1.2 MPa)	12 bar (180 psi, 1.2 MPa)
Maximum output fluid pressure	25 bar (360 psi, 2.5 MPa)	28 bar (405 psi, 2.8 MPa)
Maximum ambient temperature	50°C	50°C
Maximum fluid temperature	82°C	88°C
Weight	8.4 kg	9.5 kg
Dimensions	130.8 cm (L) 66 mm (D) (cap)	137 cm (L) 89 mm (D) (cap)
Code	1007-256200	1007-295616

Quick-release Bung Adapter

For easy drum removal without interference from hose connections

Corrosion-resistant Components

Stainless steel wetted parts

PTFE Seals

Improved performance for less maintenance



Intelligent Paint Kitchen

1 Save Energy

- Simplify tank refill with the easy activation of a pneumatic transfer pump
- When used with a tank level monitor, tank fill can be automated

2 Electric Agitator Control

- Increase energy savings by switching to an electric agitator
- Monitor and control the speed of your electric agitator

3 E-Flo® DC

- Heart of the Intelligent Paint Kitchen
- Deliver smooth pressure and flow rates to your paint circulation system with energy efficient reciprocating piston pump
- Make installation and operation easier with local control

4 Remote Location Monitoring: Touchscreen

- Easily monitor and control all tasks and functions of your circulation system remotely – from outside the hazardous location



5 Pneumatic BPR Control

- Maximize material life and increase energy savings by easily adjusting the pressure on your pneumatic BPR

8 Variable Frequency Drive (VFD)

- Used for controlling electric agitator

6 Tank Level Monitor

- Ensure your circulation system has an adequate paint supply with real-time monitoring of the tank level

9 Remote Location Monitoring: Supervisor

- Access point to all pumps in the mix room
- Interface with a PC or PLC

7 Pressure Transducer

- Monitor system pressures from up to two different points in your circulation system
- Maintain system pressures with automated closed loop pressure control

Contact us for more information
01452 525757

Section 8

Powder Coating Technology

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Powder Coating Guns

WAGNER PEM-X1

The PEM-X1 is a manual powder coating gun which provides an excellent finish, perfect balance and optimal handling.

- Lightweight with only 490g
- Well-balanced ergonomics for optimal handling
- Integrated remote control for quick adjustment of the powder amount
- New nozzle concept with a sliding ring for perfect adjustable powder spray pattern

TECHNICAL DATA

Length	335 mm
Weight	490 g
Powder output	450 g/min
Code	1002-2322587



WAGNER PEM-X1 CUP GUN

The powder cup laboratory set is a flexible yet high-performing manual gun for powder coating component parts and small amounts, e.g. as needed for laboratory and development purposes.

- Simple processing
- Very quick colour change within 15 sec
- Optimal ergonomics
- Compact multi-functional case

TECHNICAL DATA

Length	365 mm / 14 inch
Weight	530 g w/o cup
Powder output	200 /min.
Code (Kit)	1002-2328172



PEM-X1 CG Set



For further information Email us on sales@elmbridgeuk.com

Powder Coating Equipment

WAGNER SPRINT X MANUAL SPRAY UNIT

Efficiency and flexibility in perfect design

The new manual unit combines functionality and extraordinary design. All parameters can easily and quickly be entered in the EPG-Sprint X. By means of a central and dynamic knob, all parameters – grouped into four functional sections- can be set easily. The unique Cascade characteristic line setting and the TRIBO compatibility offer a high level of flexibility for any powder. In combination with the new manual gun PEM-X1, the manual unit gives perfect coating results. The powder feeding is carried out directly from the original container – optionally out of the 60l stainless steel container.

- Intuitive use for quick and perfect results
- Light weight and modern design
- Quick colour change
- Convertible for flexibility
- Flexible gun holder (left or right)
- Wheels for optimal agility in small places (optional)

Wagner EPG-Sprint X Controller

Precise, easy handling and extremely reliable for optimal coating results – that is the spirit of the new Wagner control unit EPG-Sprint X. All parameters are arranged logically and can be easily adjusted. Hence guaranteed reproducible results for efficient and high-quality manual coating can be obtained.

- Highest precision because of WAGNER Air Flow Control (AFC)
- Intuitive use
- Intelligent control technology
- Up to 50 coating programs for highest quality and reproducibility
- Logical arrangement of the different control parts



	BOX FEED	HOPPER FEED
Code	1002-2355400	1002-2355403



Box Fed



Hopper Fed

Not sure what you need? Call us on 01452 525757

Powder Coating Guns

MS TOPCOAT M4 MANUAL POWDER GUN

MS topcoat series 4 represents the forefront of powder application technology. Our newest range includes an advanced automatic powder gun and the lightest manual gun in its class. As well as being very easy to use, MS topcoat series 4 products offer outstanding powder charging and high transfer efficiency.

- Powder suction direct from the original container means that color changes are completed in a matter of minutes
- The world's lightest hand gun (388g) with the latest digital high-voltage technology and ergonomic design
- Patented corona feedback system
- Wide range of multifunctional nozzle systems for fine spray patterns and uniform coating thicknesses, even with metallic powder coatings
- Touchscreen with simple controls and intuitive display
- Powder feed with automatic metering
- 3 basic programs and memory storage for up to 999 custom programs
- Diagnostic functions for cascade and control device
- Gravity cup gun option also available
- ATEX compliant



TECHNICAL DATA

Length	350 mm
Weight	380 g
Powder output	450 g/min
Output voltage	100 kV
Code	1004-8054

MS TOPCASE S4 CONTROLLER

The topcase S4 is a touch screen controller with simple controls and an intuitive display.

Preloaded with standard programs ("Metallic", etc.) and with easily accessed memory locations for up to 999 additional programs, our S4 controller can be easily tailored to your needs.

Precision setting of air flow, powder output, kV and μ A values, can be set via the easy-to-use touchscreen.

It is also suitable for both corona and corona/tribo guns.

The patented corona feedback system gives integrated diagnostic functions for cascade and control devices.



TECHNICAL DATA

Dimensions (W x H x D)	200 x 120 x 280 mm
Weight	4.1 Kg
Air Pressure	6 - 8 Bar
Output voltage	100 - 240 V
Code	1004-8055

**We supply a full range of
Powder Coatings
in any colour or gloss level.**

**See our Industrial Coatings
Catalogue
or Call our Sales Team for prices and
availability.**

Powder Coating Equipment

MS TOPCOATER SPEEDY 1 POWDER COATING UNIT

Efficiency and reliability in Powder Coating

The new generation MS topcoater® mobile system has been designed for use in industrial coating and production facilities where maximum application flexibility from equipment is needed.

You can choose between the MS topcoater Box, MS topcoater® elite and MS topcoater® Fluid, depending on your requirements. All can support 1 or 2 manual guns.

The MS topcoater® system is made up of a handy mobile trolley with an integrated vibrating table and/or fluidization system to help get the most from your powder coatings. It also includes the MS topcase® S4 controller and MS topcoat® M4 manual gun, as well as an efficient suction system with air and powder hose package.

The built-in air filter unit prevents the ingress of contaminated feed air, whilst the MS topcoat® elite also features an integrated cleaning system.

TECHNICAL DATA	
Dimensions (W x H x D)	600 x 700 x 1170 mm
Weight	50 Kg

	ELITE	FLUID	BOX
Code	1004-8056	1004-8057	1004-8058



MS topcoater Elite



MS topcoater Fluid



MS topcoater Box

Not sure what you need? Call us on 01452 525757

Automatic Powder Coating



Contact our Sales Team for any Automatic Powder Coating requirements on
01452 525757



For further information Email us on sales@elmbridgeuk.com



Section 9

Spray Extraction & Curing Equipment

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Spray Booths

DRY FILTER AXIAL

Our Dry Filter Spray Booths are robust and durable, incorporating a high performance axial fan. We also offer a range of impellers made from mild steel and stainless steel for higher temperature applications.

- Cost effective to run
- Manufactured using latest CNC technology giving a superior construction and lasting durability.
- Can be used in a number of applications including: Paint spraying, Polishing & finishing, Adhesive application, & Isocyanate spraying.
- Superior design allows ease of replacement for filter media.
- Conforms to COSHH and current HSE regulations including Noise at Work 2005.

Price Example: 3m Booth with Canopy and Light - £2,500



DRY FILTER CENTRIFUGAL SPRAY BOOTHS

These Dry Filter Spray Booths incorporate a high performance Centrifugal, often known in the industry as a 'whisper' fan.

- Suitable for the following applications: Paint Spraying, Polishing & Finishing, Isocyanate Spraying.
- Super quiet 'Whisper Fans' for low operating noise levels, typically 72-76dB lower than a axial fan.
- Manufactured using latest CNC technology giving a superior construction and lasting durability.
- Superior design allows ease of replacement for filter media
- Conforms to COSHH and current HSE regulations including Noise at Work 2005.

Options

- Aztec system only allows spraying to take place when fans are running and shuts fans off shortly after spraying finishes saving on running costs.
- PIR detectors to switch on lights only when someone is in the booth saving on running costs (optional extra).

Price Example: 3m Booth with Canopy and Light - £2,950

WATER WASH SPRAY BOOTHS

Water Wash Spray Booths are suitable for use with all types of coatings including powder. With the added bonus of not needing to replace filters, this investment saves time and money.

- Ideal For High Volume Spraying Operations
- No Filters to Replace – saving time & money
- Manufactured using latest CNC technology giving a superior construction and lasting durability.
- Can be used in a number of applications including: Powder coating, Paint spraying, Polishing & finishing & Iso-cyanate spraying.
- Virtually maintenance free and could need cleaning down only once a year.
- Conforms to COSHH and current HSE regulations including Noise at Work 2005.

Options

- Aztec system only allows spraying to take place when fans are running and shuts fans off shortly after spraying finishes saving on running costs (optional extra).

Price Example: 3m Booth with Canopy and Light - £5,995



Speak to our team to discuss your individual requirements.

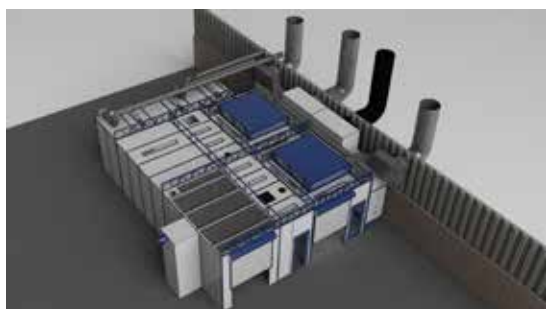
Spray Booths

BESPOKE TURNKEY SYSTEMS

We have the ability to supply and install bespoke turnkey projects. We have over 15 years experience providing systems which is designed according to the needs of our individual customers, meeting budgetary and timeframe requirements, improving productivity, adhering the Health and Safety requirements and keeping running costs to a minimum.

Our engineers have vast experiencing in providing the following systems:

- Custom Spray Booths
- Heated Air Replacement Plants
- Automated Paint Plants
- Automated Powder Coating Lines
- On-Line Spray Pre-Treatment Systems
- Phosphate Systems
- Auto-Wash Units
- Infra-Red Ovens and Tunnel Ovens
- Custom Ovens
- ATEX Rated Installations
- DEFSTAN Compliant Paint Facilities
- Adhesive Curing Ovens
- Heat Treatment Furnaces
- Overhead Conveyor Systems
- PLC Control Systems
- Shot Blast / Peening Booths



Spray booth filters
available from stock
See Page 67



OUR IN-HOUSE INSTALLATION TEAMS ENSURE THAT THE HIGHEST STANDARDS OF
ONSITE SAFETY ARE ADHERED TO.

FULL COMMISSIONING IS AVAILABLE GIVING YOU THE PEACE OF MIND THAT
YOUR BOOTH COMPLIES WITH ALL CURRENT APPLICABLE REGULATIONS.

See page 67 for Peelable Coatings

Powder Booths

WAGNER ID SUSPENSION BOOTH

The ID suspension booth is designed specifically for small series with multiple colours.

- For workpieces up to W=800 mm x H=1200 mm
- Suspension hooks integrated in roof
- Reliable grounding of parts
- Base frame with stainless steel floor plate
- Robust, scratch resistant floor
- Mobile booth on casters

TECHNICAL DATA:

Input voltage	220 – 380 V
Input frequency	50 Hz
Filter area	30 m ²
Compressed air supply	20 Nm ³ /h
Spray Opening Size	1440 mm(W) x 1530 mm(H)
Code	1002-305080



WAGNER ID SPRAY WALL

The ID spray wall is especially suited for the coating of large parts in onecolor operation or for frequent colour changes.

- Slanted air baffles for directing the aircurrent
- Integratable in automatic coating systems with flow line operation
- Base frame with stainless steel floor plate
- Robust, scratch resistant floor
- Mobile booth on casters

TECHNICAL DATA:

Input voltage	220 – 380 V
Input frequency	50 Hz
Filter area	30 m ²
Compressed air supply	20 Nm ³ /h
Spray Opening Size	1000 mm(W) x 1600 mm(H)
Code	1002-057870



Spray Booth Filters & Accessories

BOOTH FILTERS

DESCRIPTION	CODE
Glass Fibre Filter Roll 1m x 20m x 50mm	9007-PR50120
Glass Fibre Filter Roll 1m x 40m x 50mm	9007-PR50140
Glass Fibre Filter Roll 1m x 20m x 100mm	9007-PR100120
Synthetic Filter Roll 1m x 20m x 20mm	9007-PST29051120
18" Fibreglass Disposable Pre-Filter Panel 45cm x 45cm x 50mm	9007-3900
20" Fibreglass Disposable Pre-Filter Panel 50cm x 50cm x 50mm	9007-2500
24" Fibreglass Disposable Pre-Filter Panel 60cm x 60cm x 50mm	9007-2600
0.9 x 9m Concertina Booth Paper Filters - Economy	9007-0909
0.9 x 9m Concertina Booth Paper Filters - Standard	9007-0908
0.9 x 9m Concertina Booth Paper Filters - High Efficiency	9007-0910
Euro Supra II - 1m x 10m	9007-1913



SOLVENT BASED PEELABLE COATINGS

PROPEEL

Standard

Propeel is a white, light-reflective, solvent-based temporary coating designed for application to all smooth, clean metal spray booth walls in order to provide an easy method of maintenance. Resistant to solvents once dry. The dried film collects paint over-spray and is readily peelable to be quickly and cleanly removed.



PROPEEL CL

Semi-Clear

Propeel is a solvent-based, semi-clear, temporary protective coating designed for application to glass, light fittings and other surfaces that require good visibility. Resistant to solvents once dry. This peelable provides an easy method of maintenance as the dried film collects paint over-spray and is then readily peelable to be quickly and cleanly removed.



WATER BASED PEELABLE COATINGS

AQUAPEEL PLUS

Easily Sprayable

Aquapeel Plus is a specially formulated, white pigmented, water borne peelable protective coating based on PVA. The product is designed for application to paint spray booth walls including metal, plastic and painted surfaces. Providing a dry plastic temporary coating that will facilitate 'capture and containment' of even the heaviest paint over-spray deposits that can then be quickly and easily removed by peeling off the coating for disposal during routine booth maintenance.



AQUAPEEL TS

Transparent

Aquapeel TS is a water-based, transparent, temporary protective coating designed for application to glass, light fittings and other surfaces that require good visibility. This peelable provides an easy method of maintenance as the dried film collects paint over-spray and is then readily peelable to be quickly and cleanly removed.



TECHNICAL DATA:	PROPEEL STANDARD		PROPEEL CL	AQUAPEEL PLUS		AQUAPEEL TS
Colour	White		Semi-Clear	White		Transparent
Application	Spray, Brush, Lambswool or Mohair Roller		Spray	Spray, Brush, Roller		Brush or Roller
Dry Time	30 - 40 mins		30 - 40 mins	2 - 3 hours		3 - 4 hours
Coverage	2 - 3 m³/L		2 - 3 m³/L	2 - 3 m³/L		5 m³/L
Life	Max 3 months		Remove as required	Max 3 months		Remove as required
Size	5 litres	25 litres	25 litres	5 litres	25 litres	25 litres
Code	9004-3-4602	9004-6-4602	9004-5-4603	9004-3-4618	9004-5-4605	9004-5-4606

Not sure what you need? Call us on 01452 525757

Ovens

OVENS

From small box ovens to large 'on line' units, ESC supply a range of bespoke ovens to suit many applications.

We carry out site visits to assess your requirements, supply and install units with a full range of accessories also available. There are also options for service and repair, as required.

BOX OVENS

Our Box Ovens are constructed in panel form using galvanised mild steel outer skins. The inner skins used are determined by the temperature required as follows:

- Up to and including 80°C - galvanised mild steel
- From 80-200°C - galvanised alu-zinc
- +200°C - stainless steel

Packages include:

- Ultra Efficient 100mm Mineral Wool Insulation & Modulating Burners for High Energy Efficiency
- Roof mounted explosion panels
- Control panel
- Process timer
- Insulated double doors complete with heavy duty hinges and a suitable locking handle

BURNERS

Burners are fired high/low as standard and are low maintenance. Modulating controls are available. All models over 40 metres cubed include a bleed fan as standard. Smaller ovens use the pressure side of the recirculation fan to provide a bleed to the atmosphere.



Speak to a member of our team to discuss your individual quotation and requirements.

Prices on application.

For further information Email us on sales@elmbridgeuk.com



Section 10

Compressed Air

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Direct Drive Compressors



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



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 - ensures user 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 COMPRESSORS

- 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

WORKHORSE PETROL POWERED BELT DRIVEN

AIR 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 with twin cylinder pumps
- Air receiver built to latest European Standards 09/105 CE
- Heavy duty industrial motor with overload protection
- Fitted aftercoolers with 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

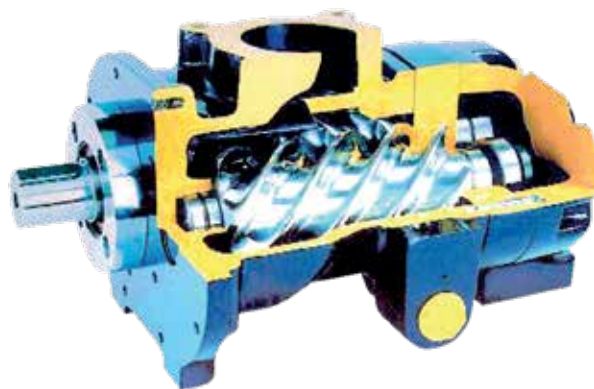
Rotary Screw Compressors

ROTARY SCREW COMPRESSORS

Why Rotary Screw?

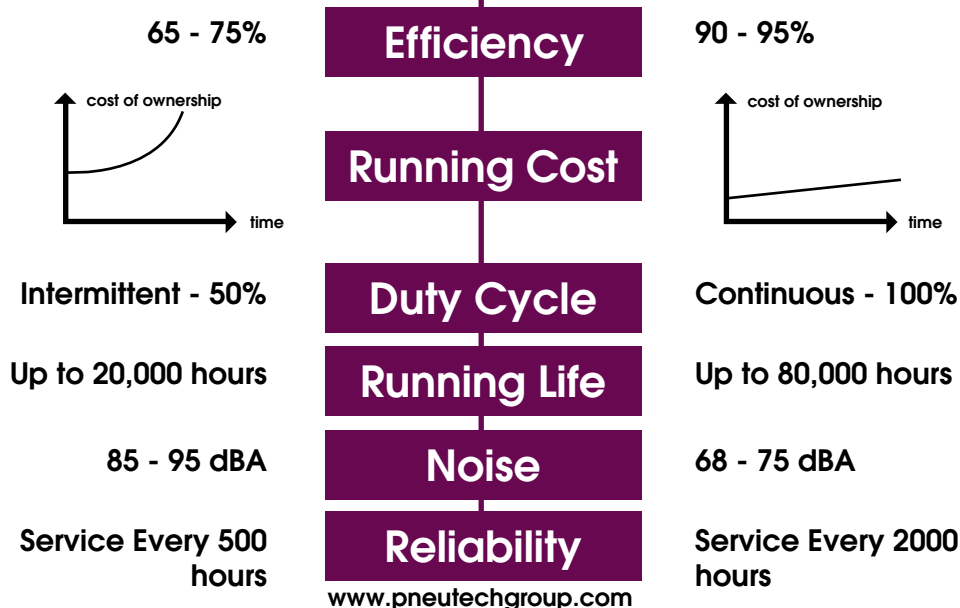
Rotary screw compressors have the following benefits over piston compressors:

- 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

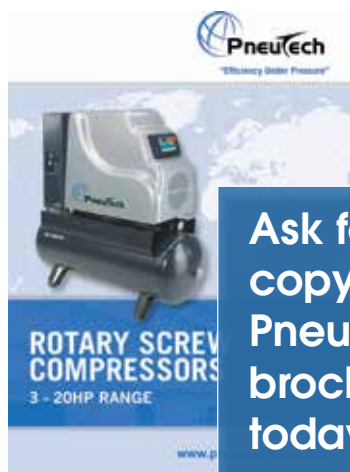
Rotary Screw Type Compressor



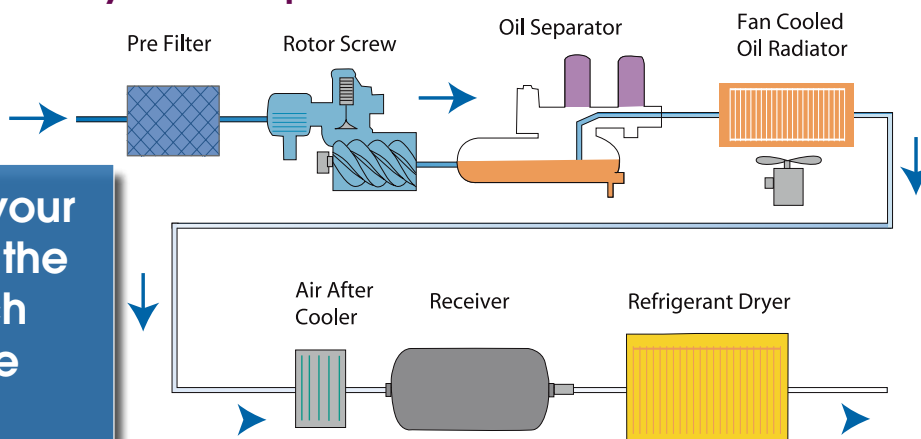
Pneutech Rotary Screw Compressors are directly coupled to the electric motor, providing an efficient 100% power transfer for optimum performances and low running costs. With fewer transmission parts, maintenance costs are also reduced.

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 on a stop/start cycle, or continuously on a 100% duty cycle.

Rotary Screw Operation



Ask for your copy of the Pneutech brochure today



For further information Email us on sales@elmbridgeuk.com

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		PRESSURE		FREE AIR	DIMENSIONS	WEIGHT	SOUND	CODE:
	KW	HP	BAR	PSI	DELIVERY (CFM)	(MM)	(KG)	(DBA)	
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

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**

For further information Email us on sales@elmbridgeuk.com

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**

Not sure what you need? Call us on 01452 525757

Air Filtration

AIR FILTRATION SYSTEMS

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 AIR FILTRATION



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

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

PNEUTECH X SERIES FILTRATION

A 0.01 micron high efficiency filter for the removal of solid and liquid particles down to 0.01 micron, including oil. It will provide protection adequate for the 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 3/8"	563-071
KFE FTX72	42	G 1/2"	563-072
KFE FTX111	65	G 3/4"	563-073
KFE FTX198	116	G 1"	563-074
KFE FTX330	194	G 1 1/2"	563-075
KFE FTX480	286	G 1 1/2"	563-076
KFE FTX750	441	G 1 1/2"	563-077



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

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

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

Air Filtration

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 3/8"	563-091
KFE FTZ72	42	G 1/2"	563-092
KFE FTZ111	65	G 3/4"	563-093
KFE FTZ198	116	G 1"	563-094
KFE FTZ330	194	G 1 1/2"	563-095
KFE FTZ480	286	G 1 1/2"	563-096
KFE FTZ750	441	G 1 1/2"	563-097

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

FINISH LINE AIR FILTRATION



FILTER/COMPRESSED AIR REGULATOR

Air filtration down to 20 microns and airflow of 70cfm (at 7 Bar, 100 PSI inlet pressure). High quality manufacture with lockable and removable, tamperproof control.

CODE
1004-FLFR1



COALESCING FILTER

Air filtration down to 0.01 microns with a minimum working pressure of 18 Bar, 260 PSI. Features a 3/8" (port size) fine oil filter. Suitable for air mask or visor, replacement filter element.

CODE
1004-FLCF1



FILTER REGULATOR & COALESCER

Air filtration down to 0.01 microns. Compact, low cost single operation filter regulator and coalescer, suitable for air mask or visor. Not suitable for low bake temperatures.

CODE
1004-FLRC1



HIGH EFFICIENCY FILTER

High efficiency filter designed to remove dirt, liquid, oil and water. Filtration down to 0.01 microns plus activated carbon filter removing contaminants down to 0.003ppm.

CODE
1004-FLRCAC1

**Inhouse & Onsite Compressor Servicing,
Maintenance and Hire Available**

Call our sales team to discuss your requirements today

Not sure what you need? Call us on 01452 525757

Air Filtration

DEVILBISS PRO AIR FILTRATION



DEVILBISS PRO AIR 1 PROFESSIONAL FILTER REGULATOR

Rolling diaphragm that gives rapid response and sensitive air pressure control.

- Provides air filtered to 5 microns
- Maximum airflow 3500 l/min (124 cfm)
- Suitable for use in booth/oven up to 100°C (212°F)
- Three ball valve controlled outlets
- Tamperproof, removable and lockable air pressure control knobs

CODE

1004-2560



DEVILBISS PRO AIR 3 PROFESSIONAL FILTER REGULATOR COALESCER WITH ACTIVATED CARBON FILTER

- High air flows for conventional and compliant spray guns.
- Provides air filtered to 0.01 microns suitable for air-fed respiratory outfits.
- Activated carbon filter removes oil carry over to 0.003 microns.
- Maximum airflow of 3500 l/min (124cfm).
- Two ball valve controlled outlets.
- Rolling diaphragm gives rapid response and sensitive air pressure control.

CODE

1004-2562



DEVILBISS PRO AIR 2 PROFESSIONAL FILTER REGULATOR

- High air flows for conventional and compliant spray guns.
- Provides air filtered to 0.01 microns suitable for air-fed respiratory outfits.
- Maximum airflow of 3500 l/min (124cfm)
- Suitable for use in booth/oven up to 100°C (212°F).
- Three ball valve controlled outlets.
- Rolling diaphragm gives rapid response and sensitive air pressure control

CODE

1004-2561



TBS4 THREE STAGE BREATHING AIR SET

Fitted with bowl guard as standard

Pre-filter 1/2" (Stage 1)

- The fitted 5 micron element will extend the service of the coalescing filter

Coalescing filter 1/2" (Stage 2)

- Contaminated air enters and passes inside the filter element, water and oil are coalesced into larger droplets which are held in outer drainage layer until drained by gravity.
- All solid rust and dust particles are trapped within the pleated glass micro filter medium
- Removes particles down to 0.01 micron and oil mist

Activated carbon filter 1/2" (Stage 3)

- For removal of paint, thinners, oil vapours and odours
- Two mounting brackets per set

CODE

1004-TBS4

FAST MOVER FITTINGS



FAST MOVER TOOLS, HIGH FLOW COUPLER AIR FITTING MALE THREAD

- High Flow 1/4 BSP
- Male Thread
- 20BAR
- x2 pcs

CODE

565-HFCM2



FAST MOVER TOOLS, HIGH FLOW COUPLER AIR FITTING FEMALE THREAD

- High Flow 1/4 BSP
- Female Thread
- 20BAR
- x2 pcs

CODE

565-HFCF2



FAST MOVER TOOLS, HIGH FLOW BAYONET AIR FITTING, MALE THREAD

- High Flow 1/4BSP
- Male Thread
- x5 pcs

CODE

565-HFM5



FAST MOVER TOOLS, HIGH FLOW BAYONET AIR FITTING, FEMALE THREAD

- High Flow 1/4 BSP
- Female Thread
- x5 pcs

CODE

565-HFF5

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

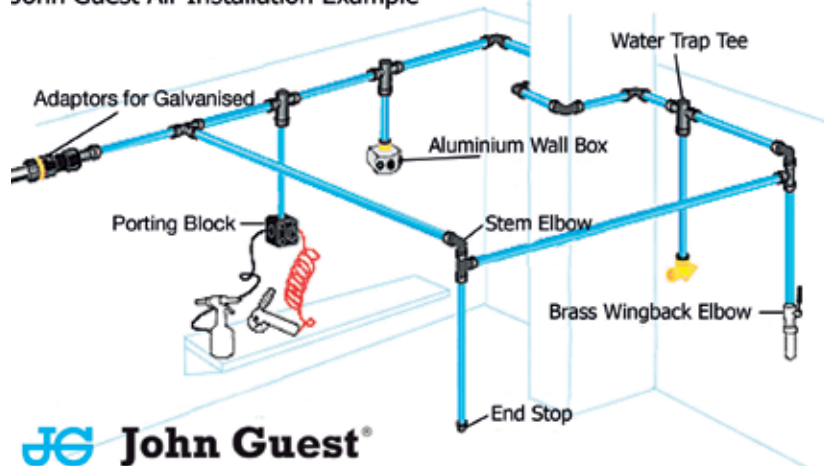
For further information Email us on sales@elmbridgeuk.com

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.

John Guest Air Installation Example



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



Need an airline in your workshop?
Call our sales team for a quote

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

Air Ring Main & Steel Fittings



STEEL FITTINGS

We stock a large range of steel fittings from the Georg Fischer range. These are used in industrial applications for the distribution of air and water.

Other fittings available on request



TEE EQUAL

SIZE	CODE
3/8"	565-830
1/4"	565-831
3/8"	565-832
1/2"	565-833
3/4"	565-834
1"	565-835
1 1/4"	565-836
1 1/2"	565-837
2"	565-838



PLUG PLAIN SOLID

SIZE	CODE
3/8"	565-850
1/4"	565-851
3/8"	565-852
1/2"	565-853
3/4"	565-854
1"	565-855
1 1/4"	565-856
1 1/2"	565-857
2"	565-858



HEXAGON NIPPLE

SIZE	CODE
3/8"	565-860
1/4"	565-861
3/8"	565-862
1/2"	565-863
3/4"	565-864
1"	565-865
1 1/4"	565-866
1 1/2"	565-867
2"	565-868

Not sure what you need? Call us on 01452 525757

Steel Fittings



ELBOW 90°

SIZE	CODE
3/8"	565-802
1/2"	565-803
3/4"	565-804
1"	565-805
1 1/4"	565-806
1 1/2"	565-807
2"	565-808



ELBOW 45°

SIZE	CODE
3/8"	565-812
1/2"	565-813
3/4"	565-814
1"	565-815
1 1/4"	565-816
1 1/2"	565-817
2"	565-818



SHORT BEND 90°

SIZE	CODE
3/8"	565-822
1/2"	565-823
3/4"	565-824
1"	565-825
1 1/4"	565-826
1 1/2"	565-827
2"	565-828



HEXAGON REDUCING NIPPLE

SIZE	CODE
1/4" x 3/8"	565-840
3/8" x 1/4"	565-841
1/2" x 1/4"	565-842
1/2" x 3/8"	565-843
3/4" x 1/4"	565-844
3/4" x 3/8"	565-845
3/4" x 1/2"	565-846
1" x 1/2"	565-847
1" x 3/4"	565-848



SHORT BEND 90°

SIZE	CODE
1/4"	565-931
3/8"	565-932
1/2"	565-933
3/4"	565-934
1"	565-935
1 1/4"	565-936
1 1/2"	565-937
2"	565-938



SOCKET EQUAL

SIZE	CODE
3/8"	565-920
1/4"	565-921
3/8"	565-922
1/2"	565-923
3/4"	565-924
1"	565-925
1 1/4"	565-926
1 1/2"	565-927
2"	565-928



REDUCING SOCKET M/F

SIZE	CODE
1/4" x 3/8"	565-870
3/8" x 1/4"	565-871
1/2" x 3/8"	565-872
3/4" x 1/2"	565-873
1" x 3/4"	565-874
1 1/4" x 1"	565-875
1 1/2" x 1 1/4"	565-876
2" x 1 1/2"	565-877
2 1/2" x 2"	565-878



REDUCING SOCKET F/F

SIZE	CODE
1/4" x 3/8"	565-890
3/8" x 1/4"	565-891
1/2" x 3/8"	565-892
3/4" x 1/2"	565-893
1" x 3/4"	565-894
1 1/4" x 1"	565-895
1 1/2" x 1 1/4"	565-896
2" x 1 1/2"	565-897
2 1/2" x 2"	565-898



REDUCING BUSH

SIZE	CODE
1/4" x 3/8"	565-900
3/8" x 1/4"	565-901
1/2" x 3/8"	565-902
3/4" x 1/2"	565-903
1" x 3/4"	565-904
1 1/4" x 1"	565-905
1 1/2" x 1 1/4"	565-906
2" x 1 1/2"	565-907
2 1/2" x 2"	565-908



Section 11

Contractor Airless Technology

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Electric Airless



WAGNER PS20

An excellent value for money sprayer, ideal for spraying smaller areas. Features an efficient design, saving you time and money and provides impeccable finish results. Suitable for application of water and oil based paints and varnishes. Comes with 15m hose.

Robust and easy Impact-protected on/off switch, durable and easily accessible packings and more user-friendly details.



WAGNER PS3.25

Mobile paint spraying system for object sizes between 200 and 800 m2. For spraying of emulsion paints, primers, fillers and latex paints. Also available as SKID version.

Innovative Digital display of machine data, consumption figures, runtimes and more. Intelligent deadband control, SlowMotion function and FrequentClean guarantees trouble-free work and quick cleaning.



WAGNER PS3.31

The versatile power pack. The PS 3.31 is equipped with further innovative features and larger pump to the PS3.25, and particularly impressive in the application of high viscosity materials.



WAGNER PS3.39

This is the highest performance pump from the ProSpray range and is even suitable for Airless filler spraying, making it the perfect all-rounder.

PRODUCT	PS20	PS3.25	PS3.31	PS3.39
Max Delivery Rate	1.7 L/min	2.6 L/min	3.8 L/min	5 L/min
Max Tip Size	0.021"	0.027"	0.032"	0.039"
Max Operating Pressure	3000 PSI / 207 Bar	3300 PSI / 227 Bar	3300 PSI / 227 Bar	
Motor Size	0.65 Hp	1.4 Hp	2.2 Hp	
Weight	13.6 Kg	25.5 Kg	38 Kg	50 Kg
Code (110V)	1002-532009	1002-2311378	1002-2311380	1002-532011
Code (240V)	1002-532010	1002-2308260	1002-2308262	1002-532012

Petrol & Electric Airless



WAGNER HC950

Powerful unit for large-scale projects and for processing heavy, saturated and high viscosity materials. Also available as an electric driven version and with SSP system.

Versatile and Flexible

Due to the high suction power of the HC 940 SSP, it can be used easily for high viscosity materials.

Robust

The low wear rate and the resulting long service life of the equipment are further positive aspects of hydraulic technology.

SSP - SPECIAL SPRAY POWER

Additional power for high viscosity materials

Extremely Powerful

The patented SSP System from Wagner is a unique development. Thanks to the special design of the system, the pump is continually filled with sufficient paint material by the shovel piston. It is possible to work without pulsation or malfunction.

Technical Specifications

WAGNER HEAVY COAT PETROL AIRLESS / ELECTRIC AIRLESS



WAGNER HC970

Powerful high performance unit – thanks to the hydraulic piston technology it is very powerful and robust - ideal for difficult sites. Also available as an electric driven version and with SSP system.

Easy Transport

The adjustable height telescopic handle guarantees a convenient transport on the building site or in a vehicle.

Versatile

The HC 960 is the most powerful hydraulic piston pump from Wagner. Due to its high suction power it is versatile in use.

Extremely Powerful

The patented SSP System from Wagner is a unique development. Thanks to the special design of the system, the pump is continually filled with sufficient paint material by the shovel piston. It is possible to work without pulsation or malfunction.



PRODUCT	HC950 E	HC950 G	HC970 E	HC970 G
Model Power	110 V	Petrol	400 V	Petrol
Max Delivery Rate	6.6 L/min	8 L/min	10 L/min	12 L/min
Max Tip Size	0.052"	0.052"	0.056"	0.056"
Max Operating Pressure	3300 PSI / 227 Bar	3300 PSI / 227 Bar	3300 PSI / 227 Bar	3300 PSI / 227 Bar
Power	4 Hp	5.5 Hp	7.5 Hp	8 Hp
Weight	83 Kg	76 Kg	100 Kg	88 Kg
Code	1002-2332189E	1002-2332189	1002-2332194E	1002-2332194

Electric Airless

GRACO ULTRA MAX ELECTRIC AIRLESS SYSTEMS

ProConnect™ 1 minute jobsite Pump Replacement System in 3 simple steps.

MaxPower Motor Totally enclosed, brushless, fan-cooled design.

Endurance™ Pump The most reliable pump on the market

Easy Out™ Pump Filter Large 7.8" filtering area reduces tip clogs, wont collapse and vertical design prevents spills.

FastFlush™ High-flow cleaning system runs faster and dramatically reduces cleaning time.

Smart Control™ 2.5 Digital display shows pressure, gallons, and hours, provides error messages and diagnostics.

GRACO ULTRA MAX II 495

The Ultra Max II 495 PC Pro is the sprayer of choice for professionals who need a higher output sprayer for daily use on residential jobs.

Units include:

- Contractor Gun
- RAC X™ 517 SwitchTip and Guard
- 1/4" x 50ft (6.4mm x 15m) BlueMax II™ Airless Hose
- Available in Stand, Lo-boy and Hi-boy models



GRACO ULTRA MAX II 595

The Ultra® Max II 595 PC Pro is a popular choice for contractors who are looking for higher output and professional features in a compact and portable sprayer.

Units include:

- Contractor Gun
- RAC X™ 517 SwitchTip and Guard
- 1/4 in x 50 ft (6.4 mm x 15 m) BlueMax™ II Airless Hose
- Available in Hi-boy and Lo-boy models



GRACO ULTRA MAX II 695

The industry standard for professional contractors who spray a variety of residential coatings. It can handle a variety of tip sizes and has outstanding proven reliability.

Standard series and Lo-Boy units include:

- Contractor Gun
- RAC X 517 SwitchTip and Guard
- 1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless Hose

The ProContractor Series sprayer has all the features of the Standard Series, plus: QuikReel, LED Display, WatchDog Pump Protection, ProConnect 2 Pump Removal System, FastFlush Cleaning, On-Board Toolbox, Ready to Spray.

ProContractor series unit includes:

- Contractor Gun
- RAC X 517 SwitchTip and Guard
- 2 each - 1/4 in x 50 ft (6.4 mm x 15 m) BlueMax II Airless Hose.



GRACO TEXSPRAY MARK V

The Graco TexSpray Mark V is built to deliver a higher flow rate, features 20% more productivity than the Mark IV and comes with an upgraded Heavy-Duty Texture Gun. It can accommodate a larger tip size, and has the power to spray skim coat in a Level 5 finish, drywall mud in an orange peel, splatter or knockdown finish or even the wide range of primers and paint.

Standard, ProContractor available.

TexSpray Mark V Sprayers Include:

- Heavy-Duty Texture Gun
- LTX425 SwitchTip and Guard
- 3/8 in x 50 ft (9.5 mm x 15 m) BlueMax II Airless Hose
- 1/4 in x 3 ft (6.4 mm x 0.9 m) Whip Hose



PRODUCT	ULTRA MAX II 495 PC	ULTRA MAX II 595 PC	ULTRA MAX II 695 PC	MARK V PC
Max Delivery Rate	2.3 L/min	2.6 L/min	3.6 L/min	4.9 L/min
Max Tip Size	0.025"	0.027"	0.031"	0.037"
Max Operating Pressure	3300 PSI / 227 Bar	3300 PSI / 227 Bar	3300 PSI / 227 Bar	3300 PSI / 227 Bar
Motor Size	1.2 Hp	1.6 Hp	2.0 Hp	2.4 Hp
Weight	15 Kg	33 Kg	50 Kg	68 Kg
Code	1007-17C375	1007-17C383 (Cart)	1007-16Y638	1007-16Y866

Petrol Airless

GRACO GMAX II 3900 PROCONTRACTOR

With a 120 cc Honda engine and additional features for increased productivity, the GMAX II 3900 can handle up to two guns and is ideal for the professional contractor who sprays a wide variety of coatings.

Available in Standard and ProContractor Series.

Also available in Lo-Boy configuration with same features as Standard Series plus ProConnect 2 Pump System.



GRACO GMAX II 5900 PROCONTRACTOR

With a 160 cc Honda engine and the ability to spray up to 1.6 gallons per minute, the GMAX II 5900 is the industry standard for the professional contractor who sprays a wide variety of coatings on residential, commercial, and industrial jobs.

Available in Standard, ProContractor and IronMan Series.

Also available in Lo-Boy configuration with same features as Standard Series plus ProConnect 2 Pump System.

Also available in a Convertible configuration with same features as Standard Series plus the ability to utilize either a gas engine or electric motor.

GRACO GMAX 7900 PROCONTRACTOR

With a 200 cc Honda engine and the ability to spray up to 2.2 gallons per minute, the GMAX 7900 is Graco's largest gas mechanical sprayer. All 7900 sprayers come equipped with Graco's Extreme-Duty MaxLife pump, and they can handle the widest range of tip sizes, multiple guns, longer hose lengths and heavier coatings with ease.

Available in Standard, ProContractor and IronMan Series.

Also available in Lo-Boy configuration with same features as Standard Series plus ProConnect 2 Pump System.

PRODUCT	GMAX 3900 PC	GMAX 5900 PC	GMAX 7900 PC
Max Delivery Rate	4.7 L/min	6.0 L/min	8.3 L/min
Max Tip Size	0.036"	0.043"	0.048"
Max Operating Pressure	3300 PSI / 227 Bar	3300 PSI / 227 Bar	3300 PSI / 227 Bar
Motor Size	Honda 120cc	Honda 160cc	Honda 200cc
Weight	50 Kg	65 Kg	68 Kg
Code	1007-16W867	1007-16W871	1007-16W890



Standard Series and Lo-Boy units include:

- Contractor Gun
- RAC X 517 SwitchTip and Guard
- 3/8 in x 50 ft (9.5mm x 15m) BlueMax II Airless Hose
- 1/4 in x 3 ft (6.4mm x 0.9m) BlueMax II Whip (7900 only)

ProContractor Series unit includes:

- Contractor Gun
- RAC X 517 SwitchTip and Guard
- 3/8 in x 50 ft (9.5mm x 15m) BlueMax II Airless Hose (7900 only)
- 1/4 in x 50 ft (6.4mm x 15m) BlueMax II Airless Hose

IronMan Series unit includes:

- Silver Plus Gun
- RAC X 517 SwitchTip and Guard
- RAC X Wide RAC 1231 SwitchTip (7900 only)
- 3/8 in x 50 ft (9.5mm x 15m) BlueMax II Airless Hose
- 1/4 in x 50 ft (6.4mm x 15m) BlueMax II Airless Hose

Electric Air-Assisted Airless & HVLP

GRACO FINISH PRO 395 & 595 PC

The FinishPro™ II PC series is designed for fine finishing, delivering a high quality finish at a high production rate, and can handle the most challenging materials.

- Use in air assisted or airless mode
- Self contained and portable
- ProConnect™ - 1 minute jobsite Pump Replacement System in 3 steps.
- High-Output On-Board Air Compressor, Ideal for on-site finish jobs
- SmartComp™ - Compressor only runs whilst you spray
- Endurance™ Pump - The most reliable pump on the market
- Super-Flex™ Hose Set
- SmartControl™ 1.0
- Delivers a consistent spray fan without pressure fluctuation at all spraying pressures

Includes:

- G40 Gun Air-Assisted Airless Gun
- 50 ft Super Flex Hose Set
- 1/4 in x 50 ft (6.4mm x 15.2m) Fluid Hose
- 1/8 in x 6 ft (3.2mm x 1.8m) Fluid Whip Hose
- 3/8 in x 50 ft (9.5mm x 15.2m) Air Hose
- 1/4 in x 6 ft (6.4mm x 1.8m) Air Whip Hose
- RAC X FFT210 SwitchTip
- RAC X LTX517 SwitchTip
- Precision Cut Fine Finish Flat Tip Kit
- AAM309 Flat Tip
- 100 Mesh Gun Filter



395 PC

595 PC

TECHNICAL SPECIFICATIONS	395 PC 110V	595 PC 240V
Max Delivery Rate	2.0 L/min	2.6 L/min
Max Tip Size	0.023"	0.027"
Max Operating Pressure	3300 PSI / 227 Bar	3300 PSI / 227 Bar
Motor Size	0.9 Hp	1.4 Hp
Weight	50 Kg	51 Kg
Code	1007-17C320	1007-17C913

GRACO FINISH PRO HVLP TURBO FORCE

TurboForce is the next generation turbine technology that delivers the most optimized air pressure and air flow combination for fine finish sprayers. Contractors will experience up to 30% more performance than any comparable product on the market. The more TurboForce, the faster the application with less material preparation.

Features:

TurboForce Technology

- Exclusive, proprietary turbine design builds more pressure through each stage resulting in 30% more performance at the gun
- More air flow and air pressure means higher production with less thinning
- Higher efficiency than standard turbines

Utility Toolbox Design

- Stores gun, cup, power cord and supplies inside (built in cup holders)
- Separate top storage for extra needle and nozzle sets
- Durable design provides insulation for quieter operation

Industry Leading Dual Filtration System

- Extends motor life and ensures the highest quality finish
- Main automotive-grade filter has 20 sq ft (6m) of filtration
- Outperforms foam filters commonly used on other HVLP sprayers

Super-Flex™ Air Hose

- 15% lighter weight than other leading

All include:

- HVLP EDGE Gun
- 1-qt (1-L) material cup
- 30 ft (9m) Super-Flex air hose

PRODUCT	TURBO FORCE 9.5
No of Turbines	5 stage
Pressure Rating	9.5 PSI
Weight	18 Kg
Code	1007-257835



FinishPro HVLP 7.0 includes:

- #3 Quick Release Fluid Set

FinishPro HVLP 9.0 includes:

- #3 & #4 Quick Release Fluid Set
- Air Ball Valve

FinishPro HVLP 9.5 includes:

- #2, #3 & #4 Quick Release Fluid Set
- Air Ball Valve
- 4 ft (1.2m) Whip Hose
- Artisan Air Valve Kit

Electric HVLP Turbines

WAGNER FINECOAT 9900 PLUS

The Wagner FC9900 is a 5 stage HVLP Turbine. With its 1500 watt motor this is the highest power turbine in its class. With the 5 stage motor developing 10psi this unit has the capacity to apply most coatings. The Maxim II gun, with the various nozzle configurations, allows it to be a very versatile tool.

TECHNICAL SPECIFICATIONS	
Voltage	110V
Power	1500 Watt
Dynamic Pressure	0.68 Bar
Reservoir capacity	1 Litre
Weight	15 Kg
Code	1001-990011



QTECH Q5 HVLP TURBINE

Premium HVLP turbine manufactured for QTech in North America.

Stainless steel needle/nozzle 0.8 mm - 2.5 mm with a 1.5mm needle/nozzle as standard fitment.

Fan size fully adjustable from one control on side of gun - select from circle to wide pattern or anywhere in-between.

Non-bleed spray gun - air only passes through the gun when the trigger is pulled.

Quick change filters



TECHNICAL SPECIFICATIONS		
Voltage	110V, 50/60 Hz	240V, 50/60 Hz
Power	1600 Watt	
Dynamic Pressure	0.66 Bar	
Reservoir capacity	1 Litre	
Weight	14.8 Kg	
Code	1001-Q5110	1001-Q5240

Electric Airless

TRITECH ELECTRIC AIRLESS SPRAYERS

One manifold for both filter and pump

Easy to clean, promotes proper drainage to keep clear of debris

Large porting connects pump to filter

Hand tightened filter bowl

All aerospace grade materials

No component in the pump manifold will ever rust

Ball and seat made from TriTech unique carbide blend

Positive shut off ensures always ready to spray

Unique repacking system

Correct alignment always ensured

Piston slides into intake valve assembly

Motor & Drivetrain Lifetime Warranty

Wearing Parts Two Year Warranty

Craftsmanship Four Year Warranty

Valve assembly threads into pump manifold

High grade aluminium

Used for control box, motor cover and heat sink

Removes heat from critical components

Opposite to plastic which is an insulator and keeps heat in

Polished finish is easy to clean

Steel cut and precision ground gears

High efficiency, quieter operation

Run in synthetic grease

Positive heat transfer for longer bearing and gear life

Chrome plated heavy walled steel tubing

Immensely strong and tough

Chromium plated for durability

Used for all TriTech frames

TriTech proprietary carbide blend

Used for ball and seat

Ensures positive shut off

Pump manifold components will never rust

TRITECH T4

The TriTech T4 Electric Airless Sprayer is suitable for light duty output, particularly for internal spraying of emulsion paints.

Complete with:

- TriTech T360 Contractor gun
- TriTech Contractor 517 tip
- TriTech Contractor guard
- ToughFlow 15m textile braided hose assembly



TRITECH T5

TriTech T5 is a medium duty electric airless sprayer, suitable for steel fabrications.

Complete with:

- TriTech T360 Contractor gun
- TriTech Contractor 517 tip
- TriTech Contractor guard
- ToughFlow 15m textile braided hose assembly

PRODUCT	TRITECH T4	TRITECH T5	
Max Delivery Rate	2.16 L/min	2.54 L/min	
Max Tip Size	0.023"	0.025"	
Max Operating Pressure	3300 PSI / 227 Bar	3300 PSI / 227 Bar	
Motor Size	1.1 Hp	1.3 Hp	
Weight	14.5 Kg Stand	19.1 Kg Stand	32.7 Kg Cart
Code	1001-599850	1001-600800	1001-600851

For further information Email us on sales@elmbridgeuk.com

Electric Airless

TRITECH T7

The TriTech T7 is a heavy duty electric airless sprayer. Suitable for steel fabrications and continuous spraying of steel beams.

Complete with:

- TriTech T360 Contractor gun
- TriTech Contractor 517 tip
- TriTech Contractor guard
- ToughFlow 15m textile braided hose assembly



TRITECH T9

- Designed, engineered and built - all in the USA
- Aerospace grade materials used throughout
- High grade aluminium for the control box, motor cover and heat sink - aluminium dissipates heat, as opposed to plastic which retains it
- Steel cut and precision ground gears - running in synthetic grease for positive heat transfer
- Frame from chrome plated heavy walled steel tubing, immensely strong and tough
- TriTech proprietary carbide blend is used for the ball and seat to give a superior and positive shut off
- All covered by the unique TriTech warranty

TRITECH T11

- Designed, engineered and built - all in the USA
- Aerospace grade materials used throughout
- High grade aluminium for the control box, motor cover and heat sink - aluminium dissipates heat, as opposed to plastic which retains it
- Steel cut and precision ground gears - running in synthetic grease for positive heat transfer
- Frame from chrome plated heavy walled steel tubing, immensely strong and tough
- TriTech proprietary carbide blend is used for the ball and seat to give a superior and positive shut off
- All covered by the unique TriTech warranty



PRODUCT	TRITECH T7	TRITECH T9	TRITECH T11
Max Delivery Rate	2.91 L/min	3.97 L/min	4.43 L/min
Max Tip Size	0.027"	0.031"	0.033"
Max Operating Pressure	3300 PSI / 227 Bar	3300 PSI / 227 Bar	3300 PSI / 227 Bar
Motor Size	1.6 Hp	-	-
Weight	33.1 Kg Cart	44 Kg Cart	47.6 Kg Cart
Code	1001-600834	1001-T9110	1001-T11110



Not sure what you need? Call us on 01452 525757

Cordless Airless

GRACO ULTRA & ULTRAMAX CORDLESS HANDHELD SPRAYERS

Ultra airless handheld sprayers are designed specifically for small interior, exterior and specialty projects. The true advantages of the Ultra handheld sprayers are the Perfect Airless Finish, ultimate portability on the job, and that it is ready to spray in seconds. Painting contractors can easily spray those small jobs without having to start-up their larger airless sprayer.

TRIAx TRIPLE PISTON PUMP

Unmatched Performance

- Durable stainless steel and carbide components bonded with a high strength polymer
- Incredible durability in a light weight design
- 34 to 135 bar
- .008-.016 Tip Support

Reliable Startup

- No inlet check valve to get stuck
- Automatic Outlet Ball Knocker

Perfect Airless Finish

- Smooth and even at any hand speed
- No Thinning
- Single Coat Coverage



Powered by DEWALT XR Lithium Ion System

The Ultramax also benefits from being able to Spray solvent and flammable based materials.

	CODE	DESCRIPTION
Ultra Kit	1007-25M615	Gun + 2x 240V batteries & charger
Ultramax Kit	1007-25M614	Gun + 2x 240V batteries & charger

Ultra Access

CODE	DESCRIPTION
24E376	Tip Filter, 60 Mesh, Black, 1 PCS
24F039	Tip Filter, 60 Mesh, Black, Set of 3 PCS
24F640	Tip Filter, 100 Mesh Blue, 1 PCS
24F641	Tip Filter, 100 Mesh Blue, Set of 3 PCS
16D558	20V Lithium Ion Battery Power Pack
16D536	EASYMAX FF Repair Kit
16H641	EASYMAX WP Repair Kit
16D560	1 Litre Replacement Cup
16H618	.75 Litre Replacement Cup
16D561	1.5 Litre Replacement Cup
16D562	Liner Kits 10 Pack
24H365	4 Litre Replacement Cup
24H366	4 Litre Liners 5 Pack





Section 12

Spray Guns & Accessories

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High Pressure Airless Spray Guns



Q-TECH Q90

The Q-Tech Q90 is a high pressure Airless Spray Gun offering excellent quality at an affordable price. This model will take up to 500 Bar / 7250psi so is suitable for all airless spray applications. This gun also takes the long pencil filter which is easily changed through the handle. All parts are available for the upkeep of this model.

SPECIFICATION	
Maximum Pressure	500 Bar
Tip Guard Thread Size	11/16"
Weight	500g
Code	1001-0010



TRITECH T360

The T360 is a high quality spray gun with many beneficial features that will prove itself to you with every trigger pull. Its lightweight characteristics make this spray gun a pleasure to use. It is available with both 11/16" and 7/8" thread sizes so many tip holders will fit this unit. Suitable for use with pump pressures up to 345 Bar / 5000psi.

SPECIFICATION	
Maximum Pressure	345 Bar
Tip Guard Thread Size	7/8" or 11/16"
Weight	500g
Code	1001-0020



TRITECH T720

The Trittech T720 is a High Pressure version of the T360, built to the same high quality standards. This unit will accept up to 500 Bar / 7200psi and with the enlarged fluid passages will be suitable for spraying high viscosity materials. It is available with both 11/16" and 7/8" thread sizes so many tip holders will fit this unit.

SPECIFICATION	
Maximum Pressure	500 Bar
Tip Guard Thread Size	7/8" or 11/16"
Weight	520g
Code	1001-0021



WAGNER IR100

Work up to 30% more effectively with the internally fed paint roller for all airless systems.

Paint is delivered automatically from the drum to the paint roller by an airless diaphragm or piston pump. Without dragging buckets about or dipping into them. This is convenient and efficient e.g. when working on facades from scaffolding. The InlineRoller is more economical than any manual roller and the paint distribution is much more uniform.

CODE
1002-0110

Spray Tips & Guards



TRITECH TIPS

The Q-CTM & The Q-CmaxTM is available in 145 fan width/orifice combinations so you can match the right tip to every coating you spray. The chart below lists all available sizes. Seals & Gaskets supplied in packs of 5.

SPEC	Q-CTM	Q-CMAXTM	SEAL & GASKET
Max Pressure	345 Bar	517 Bar	-
Code	1001-1***	1001-2***	1001-1001



SAFETY TIP GUARD

The hand-tight Q-Guard Safety Guard & Q-Guard Max Safety Guard fits the following Q-Tip professional reversible tips:

The Q-Guard has Large knurls for a sure grip and it is hex shaped if you want to use a wrench.

The Q-Guard Max connecting nut ensures the highest safety up to 7500 PSI.

	QG-998	QG-999	QGM-998	QGM-999
Size	7/8"	1 1/16"	7/8"	1 1/16"
Max Pressure	345 Bar	345 Bar	517 Bar	517 Bar
Code	1001-4708	1001-4116	1001-4719	1001-4118

HIGH PRESSURE AIRLESS REVERSIBLE TIPS

Orifice Size (Inches)	Fan Width - Inches								Flow Rate (gpm)	Filter Ref. (Colour)
	4" - 6"	6" - 8"	8" - 10"	10" - 12"	12" - 14"	14" - 16"	16" - 18"	18" - 20"		
.009"	209	309	409	509	609				0.09	Red
.011"	211	311	411	511	611				0.12	Red
.013"	213	313	413	513	613	713	813		0.18	Red/Yellow
.015"	215	315	415	515	615	715	815		0.24	Yellow
.017"	217	317	417	517	617	717	817	917	0.31	Yellow
.019"	219	319	419	519	619	719	819	919	0.38	White
.021"	221	321	421	521	621	721	821	921	0.47	White
.023"	223	323	423	523	623	723	823	923	0.57	White
.025"	225	325	425	525	625	725	825	925	0.67	White
.027"		327	427	527	627	727	827	927	0.77	White/Green
.029"		329	429	529	629	729	829	929	0.9	Green
.031"		331	431	531	631	731	831	931	1.03	Green
.033"		333	433	533	633	733	833	933	1.17	Green
.035"		335	435	535	635	735	835	935	1.31	
.039"		339	439	539	639	739	839	939	1.63	
.043"		343	443	543	643	743	843	943	1.98	
.045"			445	545	645	745			2.17	
.047"			447	547	647	747			2.36	
.049"			449	549	649	749			2.57	
.051"			451	551	651	751			2.79	
.053"			453	553	653	753			3.00	
.055"			455	555	655	755			3.25	
.063"			463	563	663	763			4.26	
.065"			465	565	665	765			4.43	

Example: For a tip with a .017" orifice and a 10" - 12" fan pattern, order C - QC - 517 Reversible or C - QCM - 517 Reversible. Fan width of a spray pattern is measured at 12" from surface.

Recommended Tip Sizes for Typical Coatings

Stain and Lacquer	Medium Viscosity	Heavy Viscosity	Extra Heavy Viscosity	Plasters and Fillers
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Not sure what you need? Call us on 01452 525757

High Pressure Airless Spray Guns



GRACO SILVER PLUS SPRAY GUN

Typical Fluids Handled

- High solids epoxy primers, coatings & polyurethane coatings
- Architectural latex emulsion paints
- Coal tar epoxy primers
- Tank and pipe coatings and linings
- Choice of 2 or 4 finger trigger

Typical Applications

- Rail, Car, Ship, Barge, Farm and Construction machinery
- Bridge, Tank, and Water Tower painting

SPECIFICATION		
Maximum Pressure	345 Bar	
Tip Guard Thread Size	7/8"	
Weight	550g	
Code	1007-235460	1007-235461
Trigger	2 Finger	4 Finger

GRACO XHF SPRAY GUN

Designed to spray heavy viscosity epoxy intumescent fireproofing materials, the XHF Gun is rugged, reliable and easy to maintain.

- High-flow, high pressure gun
- Handles epoxy intumescent materials, high-viscosity coatings, fiber filled materials
- Reduced clogging means more productivity and uptime
- Rated to 7250 psi (500 bar, 50 MPa)
- Includes an XHD RAC Guard and XHD429 SwitchTip



SPECIFICATION	XHF	XHF SWIVEL 1/2"
Maximum Pressure	500 Bar	
Tip Guard Thread Size	7/8"	
Weight	550g	
Trigger	4 Finger	
Code	1007-262854	1007-24P834

For further information Email us on sales@elmbridgeuk.com

High Pressure Airless Spray Guns



GRACO XTR SPRAY GUNS

Built for Extreme Conditions

- Compact design allows for easy manoeuvrability
- Available in Oval or Round Handle version
- Choice of two finger or four finger trigger options
- High quality materials and construction

SPECIFICATION	XTR 5		XTR 7	
Maximum Pressure	345 Bar		500 Bar	
Tip Guard Thread Size	7/8"		7/8"	
Round Handle Code	1007-0505 (2 Finger)	1007-0504 (4 Finger)	1007-0705 (2 Finger)	1007-0704 (4 Finger)
Oval Handle Code	1007-0503 (2 Finger)	1007-0502 (4 Finger)	1007-0703 (2 Finger)	1007-0702 (4 Finger)

COMPACT



GRACO CONTRACTOR PC SPRAY GUNS

The Contractor PC airless spray gun is one of the lightest, most comfortable spray guns ever built to deliver all-day spraying comfort & control.

The Contractor PC includes exclusive Graco innovations in comfort and durability that you'll come to rely on for every job — a custom fit with exceptional finish, every time. The RAC X LP Low Pressure SwitchTip saves time and money with less over spray for reduced cleanup and less material waste.

- Lightest weight gun in its class
- Up to 50% lighter trigger pull force
- E-Z Fit adjustable trigger length
- Complete no-tools gun rebuild in seconds with ProConnect



SPECIFICATION	CONTRACTOR PC	CONTRACTOR PC COMPACT
Maximum Pressure	248 Bar	248 Bar
Tip Guard Thread Size	7/8"	7/8"
Weight	607 g	530 g
Code	1007-2635	1007-2636

Not sure what you need? Call us on 01452 525757

Spray Tips & Guards

GRACO XHD SWITCHTIP

Improve spraying productivity and reduce downtime with the new XHD RAC SwitchTip

- Saves time – no screwdriver required
- Change tip sizes in seconds – without removing the tip guard housing
- Locking tab ensures tip stays securely in guard
- For heavy-duty applications up to 500 Bar (50.0 MPa, 7250 PSI)
- Recommended for Xtreme® Sprayers and XTRTM Airless Spray Guns

	GUARD	TIP	SEAL
Code	1007-XHD001 (7/8")	1007-1***	1007-XHD001
Code	1007-XHD005 (11/16")	1007-1***	1007-XHD001



GRACO RAC X TIPS

Developed for specific applications

- The blue RAC X Tips are for interior and exterior paint jobs and produce maximum productivity
- RAC X tips are to be used with the blue RAC X Tip Guard

	GUARD	RAC X TIP
Code	1007-246215 (7/8")	1007-PAA***



Tip Size Table

Orifice Size - Inches

	(MM)	IN	0.007	0.009	0.011	0.013	0.015	0.017	0.019	0.021	0.023	0.025	0.027	0.029	0.031	0.033	0.035	0.037	0.039
Fan Width	(51-102)	2-4	107	109	111	113	115	117	119	121									139
	(102-152)	4-6		209	211	213	215	217	219	221		225	227	229	231		235		239
	(152-203)	6-8	307	309	311	313	315	317	319	321	323	325	327	329	331	333	335	337	339
	(203-254)	8-10		409	411	413	415	417	419	421	423	425	427	429	431	433	435	437	439
	(254-305)	10-12		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539
	(305-356)	12-14		609	611	613	615	617	619	621	623	625	627	629	631	633	635	637	639
	(356-406)	14-16			711	713	715	717	719	721	723	725	727	729	731	733	735	737	739
	(406-457)	16-18				813	815	817	819	821	823	825	827	829	831	833	835	837	839
	(457-508)	18-20									923		927		931	933	935	937	939
	Flow Rate (lpm)	0.20	0.33	0.49	0.69	0.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	

Spray Tips & Guards



GRACO LP & FF LP TIPS

Developed for specific applications

- The green LP and FF LP Tips are for interior paint jobs and produce an optimal finish under the lowest pressure
- LP and FF LP tips are to be used with the blue RAC X Tip Guard

	GUARD	LP TIP	FF LP TIP
Code	1007-246215 (7/8")	1007-LP***	1007-FFLP***

LP Tip Size Table

Orifice Size - Inches

(MM)	IN	0.013	0.015	0.017	0.019	0.021	0.023	0.025	0.027	0.029	0.031
(152-203)	6-8	313	315								
(203-254)	8-10		415	417	419	421	423	425			
(254-305)	10-12		515	517	519	521	523	525	527		
(305-356)	12-14		615	617	619	621	623	625	627	629	631
(356-406)	14-16						723	725		729	731



FF LP Tip Size Table

Orifice Size - Inches

(MM)	IN	0.008	0.010	0.012	0.014	0.016
(51-102)	2-4	108	110	112		
(102-152)	4-6	208	210	212	214	
(152-203)	6-8	308	310	312	314	
(203-254)	8-10		410	412	414	
(254-305)	10-12		510	512	514	516
(305-356)	12-14					616



Spray Gun Accessories



TRI-TECH ALUMINIUM AIRLESS EXTENSIONS

These extension poles are suitable for all airless spraying applications with two thread sizes available. Will fit most spray guns. Excellent for getting to places where you would normally need a ladder.

Max Pressure 290 Bar / 4200 PSI

LENGTH	THREAD SIZE	CODE
10" Long	7/8"	1007-110212
10" Long	11/16"	1007-110232
15" Long	7/8"	1007-110213
15" Long	11/16"	1007-110233
20" Long	7/8"	1007-110214
20" Long	11/16"	1007-110234
30" Long	7/8"	1007-110215
30" Long	11/16"	1007-110235
39" Long	7/8"	1007-110216
39" Long	11/16"	1007-110236



HYDRAULIC ADAPTOR BSP M/F

CODE	SIZE
1001-6109	M x F Adaptors - 1/4"bsp x 1/4"bsp
1001-6110	M x F Adaptors - 1/4"bsp x 3/8"bsp
1001-6118	M x F Adaptors - 1/4"bsp x 1/2"npt
1001-6107	M x F Adaptors - 1/4"bsp x M16 x 1.5
1001-6114	M x F Adaptors - 3/8"bsp x 1/4"bsp
1001-6115	M x F Adaptors - 3/8"bsp x 3/8"bsp
1001-6116	M x F Adaptors - 3/8"bsp x M16 x 1.5
1001-6108	M x F Adaptors - M16 x 1.5 x 1/4"bsp
1001-6117	M x F Adaptors - M16 x 1.5 x 3/8"bsp



H/P SWIVEL JOINT

This H/P Swivel Joint is compatible with all market leading spray guns.

Thread Size	M1/4" NPS x F1/4" NPS	M1/4" BSP x F1/4" BSP
Code	1001-120260	1001-120262



TRI-TECH ALUMINIUM AIRLESS ANGLE HEAD ADAPTER

The Tri-Tech Angle Head Adapter is highly recommended to be used with the Tri-Tech airless extensions.

THREAD SIZE	CODE
7/8"	1001-0012
11/16"	1001-0011



HYDRAULIC ADAPTOR BSP M/M

CODE	SIZE
1001-6111	M x M Adaptor - 1/4"bsp x 1/4"bsp
1001-6112	M x M Adaptor - 1/4"bsp x 3/8"bsp
1001-6130	M x M Adaptor - 1/4"bsp x 1/2"npt
1001-6106	M x M Adaptor - 1/4"bsp x M16 x 1.5
1001-6113	M x M Adaptor - 3/8"bsp x 3/8"bsp
1001-6132	M x M Adaptors - 3/8"bsp x 3/8"npt
1001-6133	M x M Adaptors - 3/8"bsp x 1/2"bsp
1001-6155	M x M Adaptors - 3/8"bsp x 1/2"npt
1001-6103	M x M Adaptors - 3/8"bsp x M16 x 1.5
1001-6152	M x M Adaptors - 1/2"npt x 1/4"npt
1001-6153	M x M Adaptors - 1/2"npt x 3/8"npt
1001-6120	M x M Adaptors - 1/2"bsp x 1/2"bsp
1001-6154	M x M Adaptors - 1/2"npt x 1/2"npt
1001-6156	M x M Adaptors - 1/2"npt x 3/4"bsp
1001-6105	M x M Adaptors - M16 x 1.5 x M16 x 1.5
1001-6125	M x M Adaptors - 1"bsp x M16 x 1.5

More sizes available
from stock

For further information Email us on sales@elmbridgeuk.com

Cleaning Kits & Oils

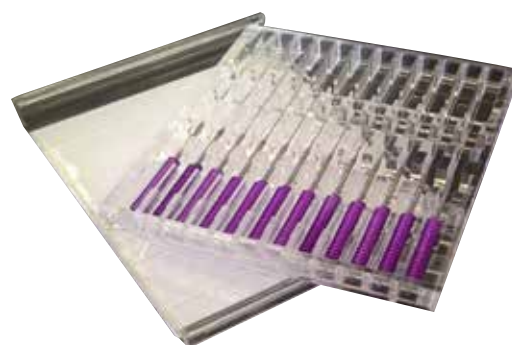


SPRAY GUN CLEANING KIT

Excellent 23 piece, universal spray gun cleaning kit. A great range of different sized brushes, reamers needles and lube in a plastic case.

CODE

1003-0104



NOZZLE CLEANING SET

A set of 12 tapered fine cleaning broaches. The ideal tool for clearing out sprayer tips.

CODE

1003-0105



SPRAY GUN CLEANING KIT

13 piece general cleaning kit. Contains a full range of spray gun cleaning brushes, needles, lube and a roll of PTFE tape.

CODE

1003-0103



WAGNER SEPARATION OIL

The Wagner Separation Oil is designed to lubricate and to break down any dried pigments in the pump system.

- 0.25 Litre

CODE

1002-0203



Q-LUBE PISTON LUBE (TSL)

Lubricates with a protective barrier that reduces premature wear. Protects the complete system, cleans by dissolving material deposits on components and is suitable for use in all makes of airless paint spraying pumps. 237ml.

SIZE

237ml

CODE

1001-0400

1 Litre

1001-0401

THROAT SEAL LIQUID

Graco TSL (Throat Seal Liquid) is specially formulated to dissolve material on displacement rods and prevent friction, wear or abrasion from dried pigment particles.

- 236 ml
- For use with all Graco pumps

SIZE

236ml

CODE

1007-206994

1 Litre

1007-206995



Spray Gun Filters



GRAVITY SIEVE FOR UPPER CUP

Compatible with Sota, Iwato, DeVilbiss, Prono, Asturo, etc.
 * Minimum quantity 10.

MESH	CODE
80	1001-0080



DISC TIP FILTER HOLDER

This stainless steel high pressure (7500 PSI / 500 Bar) swivel filter holder can be used for many applications. As an inline paint strainer to a tip filter. This will help eliminate tip blockages when used with the correct filter. Also the "swivel" characteristics will allow the holder to turn when pressure is up to 7500 PSI.

FITTINGS	CODE
M 1/4" x F 1/4" BSP	1001-0081
M 1/4" x F 1/4" NPS	1001-0082



SPRAY GUN PENCIL FILTER

Compatible with most airless guns, including Q-Tech, Graco, Airlessco, Wagner etc.
 Minimum quantity 10.

DESCRIPTION	COLOUR	MESH	CODE
Gun Pencil Filter	Green	30	1001-0006
Gun Pencil Filter	White	50	1001-0005
Gun Pencil Filter	Yellow	100	1001-0007
Gun Pencil Filter	Red	200	1001-0004
Filter Holder Spring	-	-	1001-0120



NYLON FILTERS FOR SUCTION CUP

Compatible with Binks, DeVilbiss, Asturo, Prona etc.
 * Minimum quantity 10.

DESCRIPTION	SIZE	MESH	CODE
Nylon Sieve & Frame - 195 micron	ø19	80	1001-0009
Nylon Frame & Stainless Steel Sieve	ø19	100	1001-0001



DISC TYPE TIP FILTERS

This unique stainless steel filter is a compact filter to be used in combinations with many high pressure spray guns.

When used with our swivel disc tip filter holder will help to eliminate any tip blockages. This filter is available in three mesh sizes to use with many coatings.

MESH	COLOUR	CODE
60	White	1001-0003
100	Black	1001-0101
200	Yellow	1001-0102



SPRAY GUN PENCIL FILTER

Compatible with Graco.
 Minimum quantity 10.

COLOUR	MESH	CODE
Black	60	1001-0013
Blue	100	1001-0015

Manifold Filters



INLINE MANIFOLD FILTER HOUSING - K470

Other spare parts available on request.

DESCRIPTION	CODE
Steel and Aluminium Housing, Supplied with 60 Mesh Filter & Nipples	1001-0557
Nylon Filter Support for manifold Filter	1001-0558
Anodised Aluminium Filter Support for Manifold Filter	1001-0559
Teflon Seal	300002R
Stainless Steel Spring	E-QF0556005



MANIFOLD FILTER

High grade stainless steel filters for high pressure applications. Compatible with Graco, Airlessco, Asturo, Gemini etc.

• ø 27 H 144mm

MESH	CODE
30	1001-0030
60	1001-0060
100	1001-0100
150	1001-0150
200	1001-0200

MANIFOLD FILTER

High grade stainless steel filters for high pressure applications. Compatible with Wagner and Tri Tech.

• ø 22 H 144mm

MESH	CODE
20	1001-0520020
50	1001-0520050
100	1001-0520100
200	1001-0520200



MANIFOLD FILTER SPRING/SUPPORT

Compatible with Wagner, Graco and ITW.

To suit the K470 filter housing.

DESCRIPTION	COMPATIBILITY	CODE
Spring	Wagner	1002-9894245
Support	Graco & ITW	1007-186075



MANIFOLD FILTER

High grade stainless steel filters for high pressure applications.

• ø 25 H 115mm

MESH	CODE
30	E-QF0511030
60	E-QF0511060
100	E-QF0511100
150	E-QF0511150
200	E-QF0511200



Spray Hoses

TEXTILE BRANDED AIRLESS HOSE

- To be used on Electric/Petrol Pumps.
- Solvent resistant
- Other sizes also available



INTERNAL DIAMETER	ENDS	LENGTH	WORKING PRESSURE		BURST PRESSURE		CODE
1/4"	1/4" BSP	15 m	228 Bar	3,308 PSI	916 Bar	13,291 PSI	1001-5151
3/8"	3/8" BSP	15 m	228 Bar	3,308 PSI	916 Bar	13,291 PSI	1001-5158
1/2"	1/2" BSP	15 m	228 Bar	3,308 PSI	916 Bar	13,291 PSI	1001-5154
1/4"	1/4" NPS	15 m	228 Bar	3,308 PSI	916 Bar	13,291 PSI	1001-7254
3/8"	3/8" NPS	15 m	228 Bar	3,308 PSI	916 Bar	13,291 PSI	1001-7255
1/2"	1/2" NPS	15 m	228 Bar	3,308 PSI	916 Bar	13,291 PSI	1001-7256

1-WIRE AIRLESS HOSE

To be used with Pneumatic Pumps.

- Pressure up to 350 Bar
- Solvent resistant
- Other size available



INTERNAL DIAMETER	ENDS	LENGTH	WORKING PRESSURE		BURST PRESSURE		CODE
			Bar	PSI	Bar	PSI	
3/16"	3/16" BSP	15 m	350	5,079	1,400	20,314	1001-5163
1/4"	1/4" BSP	15 m	325	4,716	1,300	18,863	1001-5152
3/8"	3/8" BSP	15 m	250	3,628	1,000	14,510	1001-5153
3/16"	3/16" NPS	15 m	350	5,079	1,400	20,314	1001-7263
1/4"	1/4" NPS	15 m	325	4,716	1,300	18,863	1001-7264
3/8"	3/8" NPS	15 m	250	3,628	1,000	14,510	1001-7265

2-WIRE AIRLESS HOSE

To be used with Pneumatic Pumps.

- Pressure up to 475 Bar
- Solvent resistant
- Other sizes available



INTERNAL DIAMETER	ENDS	LENGTH	WORKING PRESSURE		BURST PRESSURE		CODE
			Bar	PSI	Bar	PSI	
1/4"	1/4" BSP	15 m	475	6,892	1,900	27,569	1001-5172
3/8"	3/8" BSP	15 m	450	6,530	1,800	26,118	1001-5173
1/2"	1/2" BSP	15 m	350	5,079	1,400	20,314	1001-5174
1/4"	1/4" NPS	15 m	475	6,892	1,900	27,569	1001-7267
3/8"	3/8" NPS	15 m	450	6,530	1,800	26,118	1001-7268
1/2"	1/2" NPS	15 m	350	5,079	1,400	20,314	1001-7269

Spray Hoses

AIR ASSISTED AIRLESS TWIN HOSE ASSEMBLY

- Solvent resistant
- Welded hose to avoid separation
- Other sizes also available



FLUID HOSE



AIR HOSE

INTERNAL DIAMETER	ENDS	LENGTH	WORKING PRESSURE		WORKING PRESSURE		CODE
			BAR	PSI	BAR	PSI	
3/16"	1/4" NPS	7.5 m	250	3,628	20	290	1001-5751
3/16"	1/4" NPS	15 m	250	3,628	20	290	1001-5754
1/4"	1/4" NPS	7.5 m	250	3,628	20	290	1001-5760
1/4"	1/4" NPS	15 m	250	3,628	20	290	1001-5764

HEATED HOSES

Heating instead of diluting - How it works

All heating systems are warmed up by an electric heating element, which is located inside the hose, directly in the paint flow. The paint material is heated to the required temperature uniformly along the whole length of the hose (smoothly regulated from 20° to 60° C). This leads to a drop in the viscosity and thus an improvement in the application of paint material. Due to be heated up in the heating hose the coating materials are always at the ideal working temperature - regardless of seasonal temperature fluctuations!

The guarantee for the perfect finish

Achieve an optimal surface quality. Thanks to warming up the coating material.

The solution to reduce overspray

Heating the material means a reduction in spraying pressure. Heating brings about a reduction in material viscosity, allowing a lower spraying pressure to be set.

The answer to the VOC guidelines

The coating material can be set to the spraying viscosity without being diluted. This is of particular benefit especially for higher viscosity materials.



TempSpay H 126

- Ideal for any painting and undercoating jobs
- Easily adapted to all Airless units
- Low weight



TempSpay H 226

- For all high viscosity materials
- Easy to handle thanks to the hose reel which is ideal for building sites



TempSpay H 326

- For all high viscosity materials
- Easy to handle thanks to the hose reel which is ideal for building sites
- Increased operating range



TempSpay H 426

- Specifically for the application of spray body fillers
- Adaptable to all high-performance Wagner Airless units

SPECIFICATIONS	H 126	H 226	H 326	H 426
Voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Heating power	600 W	1300 W	1100 W	1300 W
Mains connection Lead	4 m	4 m	4 m	4 m
Hose	DN6 / 10m Stainless steel	DN10 / 15m PU sheathing	DN10 / 30m PU sheathing	DN19 / 15m PU sheathing
Max. Pressure	25 MPa	25 MPa	25 MPa	25 MPa
Temperature regulator	Smooth regulation from 20° C to 60° C			
Weight	3.5 kg	18 kg	23 kg	19 kg

Spray Hoses

BULK AIR AND FLUID HOSE

A range of high quality hoses suited to low pressure spraying. We can make bespoke hoses in various diameters; please ask a member of staff for further information.

We also sell hoses bare for you to make up your own assemblies.

Typical uses:

- Fluid / Air Lines for paint spraying
- Fluid lines for circulation / feeding applications



DESCRIPTION	INTERNAL DIAMETER	COUPLING THREAD	HOSE	COUPLING
			CODE	CODE
Air Hose	1/4"	1/4"	1007-2400	1007-1480
Air Hose	5/16"	1/4"		
Fluid Hose	1/4"	3/8"	1007-1400	1007-1483
Fluid Hose	3/8"	3/8"	1007-3800	1007-1486

FLUID HOSE

- Hoses include a conductive outer cover to comply with the European ATEX and CE legislation
- Easy to clean
- Flexible and manoeuvrable
- Excellent resistance against chemicals
- Any length is available, please call to discuss



CODE	INTERNAL DIAMETER	LENGTH	WORKING PRESSURE	
1007-1405	1/4"	5 m	500 PSI	35 Bar
1007-3805	3/8"	5 m	300 PSI	21 Bar
1007-1410	1/4"	10 m	500 PSI	35 Bar
1007-3810	3/8"	10 m	300 PSI	21 Bar
1007-1401	1/4"	15 m	500 PSI	35 Bar
1007-3815	3/8"	15 m	300 PSI	21 Bar
1007-1400	1/4"	Per Metre	500 PSI	35 Bar
1007-3800	3/8"	Per Metre	300 PSI	21 Bar

For further information Email us on sales@elmbridgeuk.com

Disposable Cup Systems

PCLS DISPOSABLE CUP SYSTEM

PCLS is the perfect solution for applying paints.

The Elmbridge Paint Cup Lid System is a complete line of disposable cups for gravity and siphon spray guns. We feature a full line of adapters that allow the cups to work with all DeVilbiss, Binks and other manufacturers spray guns.

A unique system that can be adapted to all gravity spray guns. It eliminates both the need to strain the paint and the cup-cleaning process. PCLS is suitable for all kind of paints and is the solution for the perfect conservation of unused paint. A complete concept that eliminates the risk of any contamination of paint and reduces the cost of the paint preparation process.

PCLS STARTER KIT

Includes 96 PCLS lids with strainers, 10 plugs, 96 disposable mixing cups and 10 lids for storage.

DESCRIPTION	CODE
Blue 130 micron Starter Kit	1005 - 1000
Red 280 micron Starter Kit	1005 - 1001

PCLS LIDS

Comes with strainers suited for waterborne and conventional paint systems.

DESCRIPTION	CODE
130 micron	1005 - 1006
280 micron	1005 - 1008

ADAPTERS

DESCRIPTION	CODE
Adapter for DeVilbiss Advance HD, GTI HD, PRI HD, GFG HD, Compact, Binks M1G, Sharon Cobalt, Platinum & Titanium	1005 - 1010
Adapter for Sata NR 2/3000, RP, KLC, MCB & Jet 90 series, Sata QCC guns & Sata 96719	1005 - 1011
Adapter for Sata NR95, Iwata LPH-400 & W400LV	1005 - 1012

STRAINERS

For PCLS lids with colour code. Boxes of 96 pieces per size.

DESCRIPTION	CODE
Blue 130 Micron Filter Screen (x96)	1005 - 1002
Red 280 Micron Filter Screen (x96)	1005 - 1004

MIXING CUPS

Disposable plastic, transparent mixing cups for paint preparation. Printed with several mixing ratios on the sides and are stackable to save space and keep them clean. Dispose after use to save time cleaning. Sold individually or in packs of 50.

CODE	9006 - 0350	9006 - 0700	9006 - 1400	9006 - 2300	9006 - 6000
Size	350ml	700ml	1400ml	2300ml	6000ml

MIXING CUPS LIDS

To cover the ESC Mixing Cups and protect paint against dirt and dust. Easy application. Close perfectly thanks to the special wave structure. 100 pieces in a box.

CODE	9006 - 9230	9006 - 9350	9006 - 9400	9006 - 9700
Size	350ml	700ml	1400ml	2300ml

MIXING CUPS DISPENSER

Wall dispenser made of durable metal to hold Elmbridge Mixing Cups. The Mixing Cups are easily dispensed one at a time, keeping them clean, free from dust and saving space in the workplace.

CODE	9006 - 0135	9006 - 0170	9006 - 0114	9006 - 0123
Size	350ml	700ml	1400ml	2300ml



Mixing Accessories



PAPER PAINT STRAINERS

Paper paint strainers made with nylon mesh for high solid paints or primers. 100 pieces per pack.

DESCRIPTION	CODE
190 micron	9007-0401
400 micron	9007-0400



PAINT STRAINER STAND

Paint strainer stand made of a strong metal construction to hold strainers over a suction cup or a spray gun.

DESCRIPTION	CODE
One size	9007 - 0410



TWIN SPRAY GUN HOLDER

Suitable for two spray guns, suction and gravity feed guns. Multifunctional, removable and supplied with magnets to be fixed in the spray booth wall.

DESCRIPTION	CODE
One size	1002 - 6002



TURBOMIX PADDLES

Plastic paddles made from recycled synthetic material. Easier stirring and better mixing due to the curved shape and holes. Suitable for mixing cups of 1400 or 2300 ml.

DESCRIPTION	BOX QTY	CODE
20 x 2 cm	500	9006-0509
30 x 3 cm	200	9006-0510



MEASURING STICKS

SIZE	CODE
2:1	9801-0200
3:1	9801-0201



SINGLE SPRAY GUN HOLDER

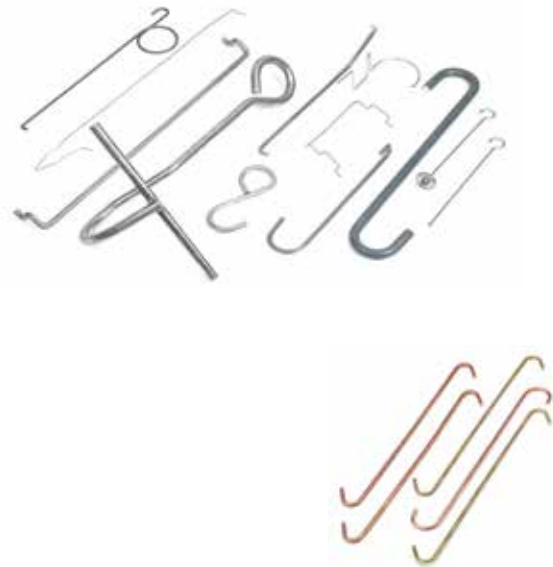
Metallic holder for one spray gun, to be used with both suction feed and gravity feed spray guns. Multifunctional, can be fixed on a table or to the wall.

DESCRIPTION	CODE
One size	1002 - 6001

Hooks & Accessories

HOOKS

Add S, C or V to the end of the product code depending on the style you require. We have a full range of hooks available, please speak to a member of staff for further details and sizes. Available in box quantities of 1000.



SIZE	LENGTH	CODE
2.5mm	100mm	9092-1002.5
2.5mm	150mm	9092-1502.5
2.5mm	200mm	9092-2002.5
2.5mm	250mm	9092-2502.5
2.5mm	300mm	9092-3002.5
2.5mm	400mm	9092-4002.5
2.5mm	500mm	9092-5002.5
3mm	100mm	9092-1003
3mm	150mm	9092-1503
3mm	200mm	9092-2003
3mm	250mm	9092-2503
3mm	300mm	9092-3003
3mm	400mm	9092-4003
3mm	500mm	9092-5003
4mm	100mm	9092-1004
4mm	150mm	9092-1504
4mm	200mm	9092-2004
4mm	250mm	9092-2504
4mm	300mm	9092-3004
4mm	400mm	9092-4004
4mm	500mm	9092-5004
6mm	200mm	9092-2006
6mm	300mm	9092-3006
6mm	400mm	9092-4006
6mm	500mm	9092-5006
6mm	600mm	9092-6006
6mm	800mm	9092-8006



THREAD PROTECTORS

Full range of external caps and internal plugs available. Please call for details.

Not sure what you need? Call us on 01452 525757

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 6 1/2	MEDIUM 7 1/2	LARGE 8 1/2	X LARGE 9 1/2
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 6 1/2	MEDIUM 7 1/2	LARGE 8 1/2	X LARGE 9 1/2
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.
vailable in Small, Medium, Large and Extra-Large.

	SMALL 6 1/2	MEDIUM 7 1/2	LARGE 8 1/2	X LARGE 9 1/2
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..
vailable in Small, Medium, Large and Extra-Large.

SMALL 6 1/2	MEDIUM 7 1/2	LARGE 8 1/2	X LARGE 9 1/2
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 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 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

For further information Email us on sales@elmbridgeuk.com

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

Not sure what you need? Call us on 01452 525757

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

Air-fed Masks

IWATA AIRFED MASK 2020

The 2020 mask from Iwata has an air consumption of only 141/min (cfm) making it one of the lowest usage class 3 masks on the market. A floating and easily adjustable ratchet gives this mask maximum comfort and has upward airflow to reduce eye irritation. The belt unit has an adjustable regulator for fine tuning of the airflow to the face along with a long life charcoal belt filter.

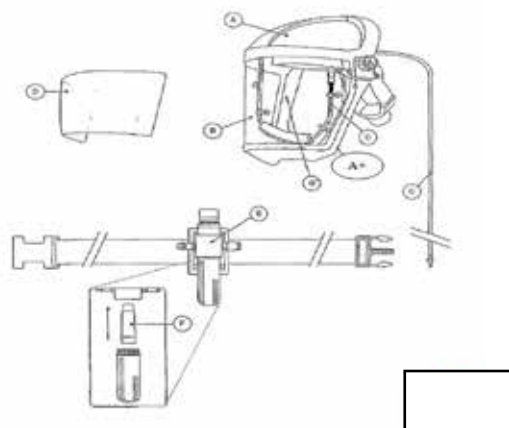
- Cartridge type vision cassette
- Browguard and vizor
- Carbon filter
- Adjustable air control regulator
- 1,25 metre hose (inner ø 8 mm) for HVLP spray gun
- Neck/shoulder cover
- Replaceable vizor cover
- Air regulator 1 bar pre-set
- Visual airflow check



Comes complete with a carry case designed to keep the mask clean and stop contamination.

DESCRIPTION	CODE
Iwata Airfed Mask 2020	1009-2020
Iwata 2010 Head Band Harness	1009-2020HRNS
Iwata 2010 Head Piece & Harness Only	1009-2020HEAD
Iwata Acetate Visor for Iwata 2010 Helmet	1009-2020AF2010v1
Iwata Breathing Tube for Iwata 2010 Helmet	1009-2020DIFF
Iwata Chin Guard & Facescreen for Iwata 2010 Helmet	1009-2020CHIN
Iwata Filter Cartridge to suit 2010 Air Fed Mask	1009-2007
Iwata Hygiene Kit (Face Seal & Sweatbands x5) to suite 2010 Air Fed Mask	1009-2020K5
Iwata Peel-Off Visors to suit 2010 Air Fed Mask (Pkt 10)	1009-2113
Iwata Peel-Off Visors to suit 2010 Air Fed Mask (Pkt 50)	1009-2020K50
Iwata Regulator & Belt Assembly (inc Carbon Filter) to suit 2010 Air Fed Mask	1009-2108

AIRFED MASK 2010 (DISCONTINUED) SPARE PARTS



DESCRIPTION	CODE
Iwata Airfed Mask 2020	1009-2010
Iwata 2010 Head Band Harness	1009-2010HRNS
Iwata 2010 Head Piece & Harness Only	1009-2010HEAD
Iwata Acetate Visor for Iwata 2010 Helmet	1009-2010AF2010v1
Iwata Breathing Tube for Iwata 2010 Helmet	1009-2010DIFF
Iwata Chin Guard & Facescreen for Iwata 2010 Helmet	1009-2010CHIN
Iwata Filter Cartridge to suit 2010 Air Fed Mask	1009-2006
Iwata Hygiene Kit (Face Seal & Sweatbands x5) to suite 2010 Air Fed Mask	1009-2101K5
Iwata Peel-Off Visors to suit 2010 Air Fed Mask (Pkt 10)	1009-2112
Iwata Peel-Off Visors to suit 2010 Air Fed Mask (Pkt 50)	1009-211250
Iwata Regulator & Belt Assembly (inc Carbon Filter) to suit 2010 Air Fed Mask	1009-2107

Air-fed Masks

DEVILBISS PRO VISOR AIRFED RESPIRATOR PROV-650

The Pro Visor disperses breathing air gently around the lightweight visor at a positive pressure with no misting or discomfort, ensuring every sprayer can work at their best. Gun supply hose swivels both radially and laterally, ensuring better spray dynamics without the hose restricting the sprayers movement.

- The wider wrap around visor provides excellent peripheral vision,
- Removable peak can help reduce glare from spray booth lighting.
- Anti-static and anti-kink head piece and supply hose.
- Ergonomic waist belt fitting.
- Audible warning device for low air pressure, meeting the latest H&S regulations.
- Easy removal and refitting of the waist belt filter.



DESCRIPTION	CODE
Complete Pro Visor Kit	650-PROV-650
Visor and face seal	650-PROV-17-K
Breathing air tube kit	650-PROV-24-K
Tear off visors –pack of 10	650-PROV-36-K10
Tear off visors–pack of 50	650-PROV-36-K50
Belt and regulator kit	650-PROV-37-K
Rigid visor face seal and air tube	650-PROV-38-K
Lint free, anti static Hood	650-PROV-39-K
Adjustable headpiece	650-PROV-40-K
Headpiece & breathing tube	650-PROV-41-K
QD Connector kit	650-PROV-42-K

DEVILBISS MPV-627 AIRFED HALF MASK BREATHING OUTFIT

The DeVilbiss MPV Air-Fed Half-Mask outfit remains a firm favourite with a large number of professional sprayers. The mask has a softer, more pliable face piece with a user-friendly headstrap cradle.

- A single air line supplies breathing and spraying air.
- One piece high specification goggles are included.
- The facepiece incorporates dual exhalation valves and an air inlet diffuser.
- Waistbelt incorporates odour filter and pre-set vizor air regulator.
- Outfit includes high quality gun hose (1.2M x 8mm bore).



DESCRIPTION	CODE
Complete Kit	1004-MPV627

Rags and Towelling



RAGS

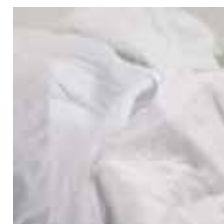
General purpose rags. Various types of materials, including cotton and towelling, for wiping and polishing.

	CODE
10kg Mixed Coloured	647-001
10kg White	647-100



TACK CLOTHS

	CODE
Box of 10	9502-1699
Box of 50	9502-1698



BLEACH WHITE HOSIERY

A soft polishing cloth with no colour run when using solvent based cleaners and polishes.

Lint free

	CODE
5kg Box	9502-1700



CENTRE FEED & INDUSTRIAL ROLLS

Blue or white 2ply, embossed, perforated paper towel.

DESCRIPTION	CODE
2 ply, white, 195x60mm, 60m, case of 12	640-001
2 ply, white, 230x60mm, 144m, case of 6	641-001
2 ply, white, 230x60mm, 180m, case of 6	641-100
2 ply, blue, 280x60mm, case of 2	644-001
2 ply, white, 280x60mm, case of 2	642-001
2 ply, blue, perforated roll, case of 6	643-003



WHITE CENTRE FEED ROLL DISPENSER

For use with blue roll.

DESCRIPTION	CODE
Dispenser to suit 230mm rolls	641-000
Dispenser to suit 196mm rolls	640-002



	CODE
10kg Terry Toweling	647-200



	CODE
Solvent Wipes - 250 Sheets	646-ISOLVE

Hand Cleaners



HANZL ADVANCED SOY™

(with 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 (Pumiced)	675-100
FT5000 4L Tank Dispenser	675-001



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 solvents, paints, resins, alkalies, varnishes, adhesives, lacquers, silicones, 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
- Easy to apply, 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



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
12.5kg	665-001



SWARFEGA ORIGINAL CLASSIC

Original classic 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	661-501

For further information Email us on sales@elmbridgeuk.com

[illegible]

Ask a member of staff for your free copy of one of our corresponding catalogues today.

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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 monies 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 (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 date due 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 or its own option goods or parts of goods proved to the Company's satisfaction to be faulty (air 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 dispatch from the Company. Any such replacements shall be 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), it:

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 restrict 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 to 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)i. - 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 parties' 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 of sea, epidemics or similar events, natural disasters or extreme adverse weather conditions, or default of suppliers or subcontractors.

16. GENERAL

A) Assignment and sub-contracting.

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 only 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.



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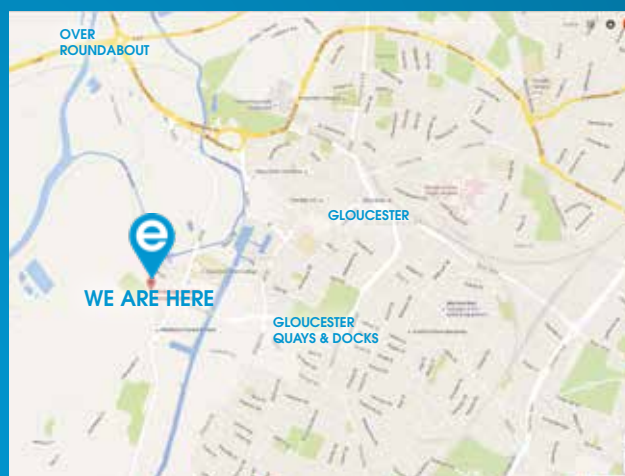
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