

# ITW Industrial Finishing

BINKS®

DEVILBISS®

Ransburg®

Products specially designed for the Wood Finishing Industry



# WOOD

the most versatile substrate  
demands purpose designed products for a wood master

## Wood Finishing Solutions with Global Manufacturing and R&D

ITW Industrial Finishing Incorporating the world leading spray finishing Brands of Binks, DeVilbiss and Ransburg to manufacture and supply all types of specialised Wood Finishing Equipment and Accessories. With facilities located in Europe, USA, China, Australia, Brazil, Japan and Mexico with long established Industrial Distributors serving all Countries around Europe and the World.

### Selecting the right wood finishing system for the job...

Achieving the perfect finish for the "wood job" starts by matching the spray materials with the correct spray application method and equipment. This wood finishing brochure intends to provide the end user with the information to make an informed decision by taking into consideration influencing factors such as Finish quality, Spray atomisation technology, Transfer efficiency, Material, Equipment operation, Operator training, Environmental considerations and legislation. The products include an "application indicator" paint container which is colour coded to indicate which Binks, DeVilbiss or Ransburg product should be used with the appropriate spray material. The wood guide also explains in detail the type of atomisation technology to apply the paint material with the best and most efficient process. For more information visit [www.itwifeuro.com](http://www.itwifeuro.com) or contact any of our European operations direct via the contact information on the back page.

### Material and technology compatability

Spray Material	Process	Recommended application equipment (Manual Spray)	Recommended application equipment (Automatic Spray)
	<b>Staining:</b> The application of stain enhances the grain structure and equalises the natural colour differences, applying the stain evenly for overall absorption into the substrate wiping off the excess stain with the grain of the timber. Spray application is ideal because of its good penetration rate and quick drying nature of modern stains.	<b>DeVilbiss FLG</b> spray gun (Pressure/Gravity/Suction) with 1.4mm tip and No.5 or No.622 cap. Fine Staining with <b>DeVilbiss SRi HD</b> gun with 1.0/1.2mm tip with TS1/RS1 cap.	<b>DeVilbiss Cobra 1</b> or <b>2</b> air spray gun 1.0/1.2mm tip with 515/520 cap OR <b>Binks AA4400A Air Assisted Airless</b> Auto gun with (0.009" to 0.013" tip/.23mm to .33mm) tip with <b>Binks AAA MX 32:1</b> ratio pump.
	<b>Basecoat/Sealers/Primers:</b> Provide a stable flat base for topcoats, they are generally high build easy sanding products to fill the grain and minor imperfections in the timber. Primers & Sealers are generally available for pigmented finishes.	<b>DeVilbiss PRi HD</b> Gravity gun 1.6/1.8mm tip with P1 cap. OR <b>DeVilbiss Advance HD</b> spray gun (Gravity/Pressure/Suction feed) with 1.6 to 2.0mm tip with 510+/522/430/497 air cap. OR <b>DeVilbiss GFG/JGA HD</b> spray guns (Pressure/suction/gravity) with 1.6/1.8mm tip with C1/C2/C3 cap.	<b>DeVilbiss Cobra 1</b> or <b>2</b> air spray gun 1.2 to 1.8mm tip with 515/520/523 cap OR <b>Binks AA4400A Air Assisted Airless</b> Auto gun with (0.013" to 0.018"/.33mm to .48mm) tip with <b>Binks AAA MX 32:1</b> ratio pump.
	<b>Pre-catalyst Lacquer (single pack):</b> A modified cellulose lacquer to provide superior durability. Generally available in clear and pigmented colours.	<b>Binks Air Assisted Airless AA4400M</b> spray gun 0.009" to 0.013" tip (.23mm to .33mm) and <b>Raptor Max AAA</b> pump. OR <b>DeVilbiss Advance HD</b> spray gun (Gravity/Pressure/suction) gun with 1.0/1.2/1.4mm tip with 510+ 520 or 522 air cap. OR <b>DeVilbiss GTi HD</b> Pressure/Gravity/Suction gun with 1.4 to 1.8mm tip with T1/T2 or T3 Cap. OR <b>DeVilbiss GFG/JGA HD</b> spray guns (Pressure/suction/gravity) with 1.8mm tip with C1/C2/C3 cap. Patina/Shading with <b>DeVilbiss SRi HD</b> gun with 1.0/1.2mm tip with HS1/TS1/RS1 cap.	<b>DeVilbiss Cobra 1</b> or <b>2</b> air spray gun 1.0 to 1.4mm tip with 515/520/523 cap OR <b>Binks AA4400A Air Assisted Airless</b> Auto gun with (0.009" to 0.013" tip/.23mm to .33mm) tip with <b>Binks AAA MX 32:1</b> ratio pump.
	<b>Twin Pack (2K) Coatings</b> A highly durable product with high build characteristics giving a good finish with less multi coat applications. Generally available in clear and pigmented colours including acid catalyst, polyurethane and epoxy high gloss.	<b>Binks Air Assisted Airless AA4400M</b> spray gun 0.009" to 0.013" tip (.23mm to .33mm) and <b>Raptor Max AAA</b> pump. OR <b>DeVilbiss Advance HD</b> spray gun (Gravity/Pressure/suction) gun with 1.0/1.2/1.4mm tip with 510+ 520 or 522 air cap. OR <b>DeVilbiss GTi HD</b> Pressure/Gravity/Suction gun with 1.4 to 1.8mm tip with T1/T2 or T3 Cap. OR <b>DeVilbiss GFG/JGA HD</b> spray guns (Pressure/suction/gravity) with 1.8mm tip with C1/C2/C3 cap. Patina/Shading with <b>DeVilbiss SRi HD</b> gun with 1.0/1.2mm tip with HS1/TS1/RS1 cap.	<b>DeVilbiss Cobra 1</b> or <b>2</b> air spray gun 1.0 to 1.4mm tip with 515/520/523 cap OR <b>Binks AA4400A Air Assisted Airless</b> Auto gun with (0.009" to 0.015" tip/.23mm to .38mm) tip with <b>Binks AAA MX 32:1</b> ratio pump.
	<b>UV-Coatings</b> Ultra Violet curable coatings, cover all types of primers, sealers and top coats, consisting of 100% UV. Water and solvent reduced. UV-coatings are generally applied via automatic systems.		<b>DeVilbiss Cobra 1</b> or <b>2</b> air spray gun 1.0 to 1.4mm tip with 515/520/523 cap OR <b>Binks AA4400A Air Assisted Airless</b> Auto gun with (0.009" to 0.013" tip/.23mm to .33mm) tip with <b>Binks AAA MX 32:1</b> ratio pump.
	<b>Exterior High Gloss/Lasure</b> Typically giving good wood clarity with medium build. Available in clear and fully pigmented colours.	<b>Binks Air Assisted Airless AA4400M</b> spray gun 0.009" to 0.015" tip (.23mm to .38mm) and <b>Raptor Max AAA</b> pump. OR <b>DeVilbiss Advance HD</b> spray gun (Gravity/Pressure/suction) gun with 1.0/1.2/1.4mm tip with 510+ 520 or 522 air cap.	<b>DeVilbiss Cobra 1</b> or <b>2</b> air spray gun 1.0 to 1.4mm tip with 515/520/523 cap OR <b>Binks AA4400A Air Assisted Airless</b> Auto gun with (0.009" to 0.015" tip/.23mm to .38mm) tip with <b>Binks AAA MX 32:1</b> ratio pump.

### Atomising technologies used in wood finishing

#### Trans-Tech® (Compliant)

This atomisation type was introduced by DeVilbiss in the mid 1990's and is a ground breaking combination of Conventional and HVLP atomisation methods. Trans-Tech utilises more compressed air energy for the atomisation process producing much higher Transfer Efficiency of coating material than the Conventional method. This 'complies' with Global legislation by being able to transfer at least 65% of the sprayed material to the component. Air Cap Pressure is typically 1.3 to 3 BAR (20 to 45 psi). HVLP has mostly been replaced by DeVilbiss Trans-Tech Atomisation in most applications due to its superior finish quality.

#### HVLP (High Volume Low Pressure)

This "compliant" atomisation method first became important in the 1980's when environmental legislation was first introduced. It uses larger compressed air volumes at lower pressures to atomise the coating. It has a much higher transfer efficiency than Conventional Air Spray. However, the droplet size produced tends to be slightly larger, sometimes resulting in a lower quality finish. HVLP operates at 0.7 BAR (10 psi) at the air cap in compliance with global environmental legislation to provide greater than 65% transfer efficiencies.

#### Conventional "Air Spray" Atomisation

The most established method of air atomising used on "conventional" spray guns, uses relatively high velocity compressed air to provide good atomisation of the sprayed material. However this process results in low paint transfer efficiencies due to the 'bounce-back' and 'overspray' generated. Compressed air operating pressures used in this process are typically 2 to 4 BAR (30 to 60 psi).

#### Airless Spray

Airless spraying is a method of spray application that does not directly use compressed air to atomise the paint/coating material, hence the terminology "Airless". Hydraulic fluid pressure is used to atomise the paint by pumping it at high pressures of about 30 to 450 BAR (500 to 6500 psi) through a small orifice spray nozzle (typically tungsten carbide) The resulting spray atomisation is ideal for the very fast application of protective and decorative coatings. Typical applications include corrosion protection of large steel components and structures, and the interior of buildings.

#### Air Assisted Airless

The paint/coating material is hydraulically forced through a small orifice spray nozzle (tungsten carbide) with a typical fluid pressure of 25 to 120 BAR (400-1800 psi). Final atomisation and fan shaping air is then added by the Binks HVLP/Compliant air cap blending with the fluid stream to produce an exceptionally fine and even spray pattern with very little overspray. This unique combination of Air Assisted Airless/HVLP technologies results in a finely atomise "soft spray" pattern producing a high quality finish that particularly lends itself to finishing wooden products that need an exceptionally fine finish with greatly reduced overspray in compliance with worldwide VOC regulations.



## The "Mid Sized" market leading lightweight spray gun range

*Advance HD* by **DEVILBISS**.

### DEVILBISS ADVANCE HD

#### *The all purpose compliant spray gun range*

The comprehensive Advance spray gun range ensures there's a spray gun to suit all types of wood finishing applications. "DeVilbiss air caps are manufactured from plated hard brass for a long durable working life.

- Robust, lightweight and work friendly design for High Demand outputs
- Balanced air valve design for lighter trigger pull and improved air flow
- Stainless steel tips, needles and fluid passageways as standard
- Wide range of tips and spray caps for all wood finishing applications.

Advance HD spray guns kits are packaged as:

Pressure gun only, Suction gun with 1 litre cup and Gravity feed kits inc. 568 ml standard gravity cup.

**Fluid Tips** (mm) 1.0, 1.2, 1.3, 1.4, 1.6, 1.8, 2.0 and 2.2

**Air Caps** 505 HVLP

510+, 513, 520, 522 Trans-Tech/Compliant



### DEVILBISS ADVANCE HD

#### *The all purpose conventional spray gun range*

- Wide range of conventional atomisation air caps provide a superior sprayed finish
- 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.

**Fluid Tips** (mm) 1.0, 1.2, 1.3, 1.4, 1.6, 1.8, 2.0 and 2.2

**Air Caps** 443, 497 Conventional



**NEW**

### DEVILBISS ADVANCE HD PRESSURE ASSIST GRAVITY CUP SYSTEM

*For the application of heavy, thixotropic materials with Advance HD gravity guns.*

**Fluid Tips** (mm) 1.4, 1.6, 1.8, 2.0 and 2.2

**Air Caps** 430, 443 Conventional

510+, 513, 520 Trans-Tech/Compliant

**NEW**

### DEVILBISS DEKUPS

*The new generation in disposable paint cup systems*

Now available for all DeVilbiss and competitors gravity feed spray guns with a wide range of gun inlet adaptors.



Ready to use dispenser wall pack complete with 50 disposable lids and liners.

# manual applications



## DeVilbiss and Binks use the very latest spray technology for the best finish *with maximum paint savings*

### DEVILBISS PRI HD

*The all purpose "full size" Compliant primer/sealer spray gun*

- Large spray patterns and even material distribution
- Suitable for all types of fillers, sealers, primers, surfacers etc
- Air adjuster valve on the gun handle allows instant pressure control
- Tough and durable drop forged aluminium gun body
- Paint cup includes integral filter and drip-check lid.

**Fluid Tips (mm)** 1.4, 1.6, 1.8, 2.0 and 2.5  
**Air Cap** P1 Trans-Tech/Compliant



### DEVILBISS SRI HD

*Ideal for patina and shading, a fully functional, small scale touch up spray gun with many practical uses throughout the wood shop*

**Fluid Tips (mm)** 0.8, 1.0, 1.2, 1.4  
**Air Caps** HS1 HVLP  
 TS1, RS1 Trans-Tech/Compliant



### DEVILBISS GTI HD TRANS-TECH/HVLP

*The 'full size' Compliant spray gun range*

- Renowned DeVilbiss atomisation quality
- Fully EPA compliant for superior material transfer efficiency and significant paint savings
- High Speed application with consistent lay-down and superior finish
- Balanced air valve design for lighter trigger pull and improved air flow
- Tough, corrosion resistant anodised gun body
- Precision high grade ST/ST fluid tips and needles as standard.

**Fluid Tips (mm)** 1.0, 1.2, 1.3, 1.4, 1.6, 1.8, 2.0  
**Air Caps** T1, T2 and T4 Trans-Tech/Compliant



### DEVILBISS JGA & GFG HD CONVENTIONAL

*The 'full size' High Performance Conventional spray gun range*

- Renowned DeVilbiss Atomisation 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.

**Fluid Tips (mm)** 1.0, 1.2, 1.4, 1.6, 1.8  
**Air Caps** C1, C2, C3 Conventional



### DEVILBISS FLG-5 MANUAL SPRAY GUN RANGE

*The DeVilbiss FLG-5 the budget line of spray guns*

Ideal for the application of stains and wash coats. FLG-5 employs DeVilbiss Trans-Tech atomisation caps.

**Fluid Tips (mm)** 1.4, and 1.8  
**Air Cap** No5 and 622 Trans-Tech/Compliant



### BINKS 10/40 & 60 LITRE PRESSURE FEED TANKS & 2 LITRE PRESSURE CUPS

*The Binks range is equipped with easy to operate air regulators, safety pressure relief valves and manual or rotary agitators to provide the best quality fluid agitation.*

- Fully ATEX approved and CE marked to the latest pressure equipment directive 97/23/EC
- Constructed from mild steel/zinc plated or stainless steel
- Binks has a higher operating pressure of 7.5bar (110psi) to handle heavier materials
- Range includes Inner Liners to reduce cleaning time and save coating material.





### BINKS AA4400M AIR ASSISTED AIRLESS MANUAL SPRAY GUN

*The ALL NEW Binks AA4400M air assisted airless spray gun has been designed with the operator and the environment in mind.*

#### AA4400M Best operator comfort by far

The spray gun 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.

- Unique Trans-Tech or HVLP air caps provide a "Softer fine spray"
- Lightweight and operator friendly design with lighter trigger pull tension
- Easy to remove "in-line" needle assembly for quick maintenance
- Adjustable needle packing and "balanced" air valve design
- Solid forged gun body for maximum durability and longer life
- Stainless steel fluid passages with tungsten carbide seats
- Gun handles Solvent and Waterborne coatings as standard
- Weighing just 494 grams - max operating pressure of 303 bar
- Standard flat tips AND Twist tip cleaner available with a wide range of tips from .007" (0.18 mm) to .035" (0.89 mm).



*The spray fan pattern is adjustable on the gun*



Twist Tip

### BINKS RAPTOR MAX AIR ASSISTED AIRLESS SPRAY OUTFITS WITH GUN

*The ALL NEW Binks Stainless Steel MX Pump line equipped with the ALL NEW Binks AA4400M Air Assisted Airless spray gun.*

Binks Raptor MAX outfits have been designed to provide the users with a low cost, robust industrial spray outfit, able to apply a wide range of top class wood finishes.

- Five Year pump warranty
- Magnetic detent design (patent) for quick stroke change over with no pulse
- Stainless Steel system – pump and gun
- Low cost spray tip replacement
- Lower cost spares prices
- Large sight glass for visual packing inspection.



*Quick stroke change over with NO PULSE*

#### Raptor MAX Packages include:-

Binks MX Pump – Cart, Wall or Tripod mounted with Gravity feed option.

- Air and Fluid controls
- 25 litre Suction Hose (Cart and Wall)
- 7.5 metre (25') Air (AAA only) and Fluid Hoses
- H.P. Fluid Filter
- Gun mounted Fluid Filter
- AA4400M or A3500 (2 trigger) Airless Spray Gun and Tip (Tip size to be specified at time of order).

#### Raptor MAX Pump Specification

MX4/12 Ratio 12:1	4 litre per min max fluid delivery	Max operating pressure 96 bar
MX4/32 Ratio 32:1	4 litre per min max fluid delivery	Max operating pressure 256 bar
MX12/31 Ratio 31:1	12 litre per min max fluid delivery	Max operating pressure 248 bar

### GUN/HOSE/TIP PACKAGES

#### AIRLESS



Part No: A3500-2-75 gun, hose and twist tip package (inc. tip)



Part No: A7500-2-75 gun, hose and twist tip package (no tip)



Part No: AA4400M-75 gun, hose and tip package

#### AIR ASSISTED AIRLESS

### BINKS AIRLESS SPRAY GUNS

#### A3500 & A7500 with 2 or 4 finger triggers

- Four finger models offer lower trigger pull and better leverage
- Two finger models provide more control
- 3500 psi packages include: Spray Gun, Tip Guard, (2) 60 mesh Fluid Filters and a Spray Tip
- 7500psi packages include: Spray Gun, Tip Guard, (2) 60 mesh Fluid Filters, (order tip separately)
- Innovative, patent pending valve design eliminates needles and springs
- Tungsten carbide wear parts for long life
- Lower trigger pull and 3-D ergonomic handle reduce fatigue
- Large, long-life filter fills from the inside so it won't collapse
- Long life filter in handle is 20% larger than competitive brands



*Unique NO Needle design*

### BINKS DVP – 1:1 RATIO DIAPHRAGM PUMPS & OUTFITS

*The DVP is an air operated 1:1 ratio Diaphragm Pump and is the perfect alternative to pressure feed tanks providing easy fluid feed to spray guns with quick and easy cleaning.*

The DVP range features bare pumps, assembled pump packages and complete "ready to spray" outfits matched with the renowned DeVilbiss Advance HD or FLG5 spray guns. Choice of cart, wall, or tripod mounted with gravity feed option, and outfits with twin air regulators provide independent control of pump and spray gun pressures, with no expensive pressure test certification regulations.

#### DVP ready assembled spray outfits including spray gun part no's

DVP-T-FLG5	Tripod mounted pump outfit with FLG5 gun
DVP-C-FLG5	Cart mounted pump outfit with FLG5 gun
DVPAN-T-ADV	Tripod mounted pump outfit with Advance TT gun



Advance spray gun



FLG5 spray gun

*Low capital cost compared to pressure tanks*

# automatic applications



## The ideal solution for Automatic application of wood finishes

### DEVILBISS COBRA 1 & 2 AUTOMATIC SPRAY GUNS (LOW PRESSURE)



Wide range of HVLP/Trans-Tech and Conventional Air Caps provide the best Atomisation. Stainless steel tips/needles and fluid passageways for water and solvent based materials

- Wide range of Trans-Tech (Compliant/HVLP) and Conventional Air Caps provide the best performance on ALL applications
- Removable ST ST Spray Head for fast and easy maintenance
- Control of Spray Performance and fluid flow is unequalled with the Fluid Adjusting Knob (18 indexing positions).
- Stainless Steel – For waterborne and solvent based materials
- Independent Fan, Atomising and Triggering Air – Vital for Robotic and Machine applications
- Indexing Air Cap for consistent reproduction of spray pattern

**COBRA 2** – also features a fast and easy removal system to remove the gun from the mounting block, providing quick and easy replacement or maintenance with minimum production downtime.

<b>Fluid Tips (mm)</b>	1.0, 1.2, 1.4, 1.6, 1.8, 2.0 and 2.2
<b>Air Caps</b>	500R, 505 HVLP 513, 515, 520, 523, 591 Trans-Tech/Compliant 430, 443, 497 Conventional

**NEW**

**VORTEX TIPS** for Cobra and Advance HD guns  
Also available for staining applications, sizes (mm) 0.85, 1.0, 1.2, 1.4, 1.8

### BINKS AA4400A AIR ASSISTED AIRLESS HVLP AUTOMATIC SPRAY GUN



#### The best atomisation and paint savings

Binks AA4400A is ideally suited for multi-gun finishing equipment such as rotary machines, reciprocators, robots, fixed and chain-on-edge type systems located in medium to high production environments. The unique tip and air cap design of the Binks AA4400A automatic Air Assisted Airless HVLP spray gun uses lower fluid and air pressure than competitor guns to achieve exceptionally fine finishes with superior paint savings and lower energy consumption.

- "Quick detach" head from base for reduced downtime
- Air cap has optional 15° indexing for precision finishing
- Adjustable "on gun" fan pattern controls
- St St gun head and fluid passages with fluid filter in gun head
- Manual or remote gun controls
- Tungsten carbide needle and seat
- Paint re-circ option in head or base plate.
- Wide range of tips from .007" (0.18 mm) to 0.35" (0.89 mm)



Cobra 1



Cobra 2



### BINKS IN-LINE FLUID REGULATORS

Binks fluid regulators can be used with diaphragm pumps, pressure feed tanks or any type of paint circulating system to accurately control paint/material flow

- Regulator body design reduces paint wastage during maintenance
- Fluid passages in 303 Stainless Steel as standard
- Compatible with solvent and waterborne paints and materials
- Manual and Automatic types.



### BINKS ST ST HIGH PRESSURE HEATER

Binks High Pressure Stainless Steel Fluid Heaters are fully CENELEC approved and CE marked to provide users with the perfect solution for heated spray applications with operating temperatures from 16°C to 121°C. Specification includes a thermostat and pre-set heat limiter to protect the heating element.

St St Max. WP 5000 psi., 345 Bar – Wall mounting bracket - Part no: 863000

- Cenelec Approved and CE marked – Approved for "Zone 1 & 2" Hazardous Zone situations
- Tried and tested for Conventional Air Spray, Air Assisted Airless and Airless Spray applications
- Low maintenance with simple operator friendly controls
- Stainless Steel – Suitable for most spray materials
- Size – 420 mm (16.5") high x 190mm (7.5") deep x 120mm (4.75") wide
- Temperature range – 16°C to 121°C.



### BINKS PNEUMATIC ELEVATOR

The Pneumatic Elevator uses a double-acting cylinder to power the elevator in both the up and down strokes. The unit includes an anti-twitch device and a sturdy base stand with adjustable drum positioning feature. The lid arm has three height fixing positions. ATEX and CE approved.

Note: These models do not include actuation valve or lid/Drum as standard.

Specification	Part Number	PHV-550	PHV-1000
Stroke		550mm	1000mm
Max pressure		6 BAR	6 BAR
Lifting force		50kg	75kg





## 2K paint and waterborne packages

### BINKS MX PUMP PACKAGES



#### ***Binks MX pumps for MAXimum Durability, Versatility and Ease of use***

Binks MX Pumps are a completely new design in pump technology using patented magnetic detents to dramatically enhance smooth pump operation and change-over with no pulse to provide the best "surge-free" paint delivery for the perfect finish.

These MX pumps operate at 12:1, 31:1 and 32:1 ratio's to cover all wood finishing operations.

- All wetted parts are stainless steel – ideal for use with solvent and water based paints/materials
- Fixed, spring tension packing's – lower maintenance and reduce running costs
- All valve seats are Tungsten Carbide – long durable working life
- Piston is ultra-hard chrome plated – extra wear resistant and longer packing life
- Stainless steel fluid filter inc. N.R. valve
- Pump packing's leather and PTFE mix, with option for pure PTFE or UHMWPE – covers all industrial applications
- CE marked and ATEX approved for all applications.

Binks MX pump available as either Cart, Wall or Tripod mounted with Gravity feed option.



### BINKS MAGICMIX



Binks MagicMix is the easy and precise electronically controlled fluid handling system for all types of spray applications with guaranteed accuracy, reliable mixing and metering of two component paint materials.

- Easy to control with repeatable results
- Wide Field of Application from 0.5 to 20:1 ratio
- Easy Installation and Commissioning
- Simple Touch Screen Control
- Integrated VOC-Calculator
- Outfits include Binks MX paint pumps



*MagicFlow system up to 28 colours*

### RANSBURG AQUAPACK SYSTEMS



***Provides the total solution for waterborne materials in low and high pressure options.***

- Handles most waterborne materials
- Low and high pressure outfits available
- Easy to operate and safe
- Completely assembled, tested and ready for use
- Mobile and easy to clean
- CE approved



### BINKS LP10/4 LOW PRESSURE PAINT PUMP



The LP10/4 is a 4:1 ratio St St air operated piston pump designed for low to medium production. The pump is available as a bare pump and also as fully assembled wall and cart mounted outfits.



### BINKS HP25/48 HIGH PRESSURE PAINT PUMP



A 48:1 ratio St St air operated piston pump for paint supply to Air Assisted and Airless spray guns for medium to high production. Available as a bare pump and also as fully assembled wall and cart mounted outfits.



## electrostatic applicators

### RANSBURG MANUAL & AUTOMATIC ELECTROSTATIC SPRAY GUNS



Ransburg Electrostatic spray guns introduce a high voltage charge into the spray pattern which in turn adds the electrostatic charge into the atomised paint particles. The work-piece then "attracts" the atomised paint/material onto the component with excellent "wrap" characteristics around the back of the work-piece. Providing very good deposition rates with high transfer efficiency, resulting in greatly reduced paint usage compared to conventional methods in full compliance with worldwide VOC regulations.

***The Electrostatic technique can be applied to Air Spray, HVLP/Compliant and Air Assisted Airless atomisation spray systems including solvent and waterborne materials.***



# wood finishing accessories

## BINKS DISPOSABLE SPRAYBOOTH FILTER PAPER



### Spray booth filter paper

Part no.	Size
207229	H 90 x L 924 cm (36"x30')
207900	H 75 x L 1.346 cm (30"x44')
207901	H 90 x L 1.115 cm (36"x36')
207902	H 100 x L 1.038 cm (39"x34')

### Super efficiency spray booth filter paper

Part no.	Size
207229SE	H 90 x L 600 cm (36"x18')
207902SE	H 100 x L 800 cm (39"x24')

## DEVILBISS AIR FILTER REGULATORS



### Filter Regulator - FLFR-1

- Air filtration down to 20 microns
- Air flow of 70cfm (at 7 bar - 100 psi inlet pressure)

### Filter Regulator Coalescer - FLRC-1

- Compact, low cost single operator Filter Regulator and Coalescer
- Filtration down to 0.01 microns suitable for Air Mask or Visor

### FLCF-1 Coalescing Filter

- A 3/8" (port size) coalescing (fine oil) filter
- Air filtration down to 0.01 microns (suitable for breathing Air-Fed Visors/Masks)
- Replaceable filter element
- Maximum working pressure 18 bar (260 psi)

## DEVILBISS DEKUPS DISPOSABLE CUP SYSTEM



The DeVilbiss DeKups disposable cup system is the quick, easy and secure way to spray. The lightweight cup liner collapses easily providing a constant paint flow and minimal paint wastage which is better for your spray shop and the environment.



Ready to use dispenser wall pack complete with 50 disposable lids and liners.

## BINKS & DEVILBISS AIR AND FLUID HOSES (LOW PRESSURE)



Part No.	Type	Bore
H-7501	5/16" bore air hose red rubber	5/16" (8mm)
H-7502	3/8" bore air hose red rubber	3/8" (9.5mm)
H-7503	1/4" bore fluid hose black	1/4" (6mm)
H-7504	3/8" bore fluid hose black	3/8" (9.5mm)

Connector thread size and type			
1/4" BSP	1/4" NPS	3/8" BSP	3/8" NPS
PA-HC-4527	P-HC-4527	-	-
PA-HC-4528	P-HC-4528	PA-HC-4548	P-HC-4548
PA-HC-4523	P-HC-4523	PA-HC-4543	P-HC-4543
PA-HC-4528	P-HC-4528	PA-HC-4548	P-HC-4548

## DEVILBISS AIR FED VISORS MPV



	Description	Part No.
	Respirator system with full mask and accessories	MPV-623
Air-fed respiratory outfits	Respirator system with full mask, without accessories	MPV-628
	Respirator system with half mask and accessories	MPV-627
	Half mask respiratory system with A2 filter cartridge and pre-filtering	MPV-629
"VALUAIR"	2 x preliminary filter with 10 pads	MPV-492
Half mask respirator	2 x A2 Filter cartridge	MPV-494-K2
	Protective goggles for use with half masks	MPV-4006
	Half mask respiratory system with A2 filter	MPV-496
"FREEDOM"	Half mask respiratory system with A1B1E1K1 filter	MPV-497
Half mask respirator	Protective goggles for use with half masks	MPV-4007

### Gravity Cups



Suction Cup



### Suction Cup Lid Gaskets



Air Blow Gun



### Mixing Cups



Devilbiss Gun Mounted Paint Filters



### Cup Filters



Viscosity Cups



### Drip-Free Diaphragms



Professional Spray Gun Cleaning Kit



### Quick Detach Fittings



Binks Disposable Pressure Tank Liners



### Cup Filters



Spot Pots



# wood master training



ITW Industrial Finishing conducts regular training courses throughout the year in our fully equipped industrial training centres in the UK, France and Germany.

The "modular" training courses cover all aspects and technologies used in the field of Industrial Spray Finishing. Delegates are able to gain valuable "hands-on" and "theoretical" experience with the advanced range of finishing products available from ITW Industrial Finishing, featuring the world renowned brands of Binks, DeVilbiss and Ransburg. Training is also provided on the industry specific Health & Safety and statutory (ATEX/CE) requirements necessary in the demanding spray industry.



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