

SELECTION GUIDE

Coating And Finishing Equipment For The Wood Market



SOLUTIONS FOR YOUR WORLD

DOORS AND WINDOWS



Needs:

- Waterborne applications.
- Exotic wood substrate, pine or oak.
- Clear varnish or color-stained finishes.
- Manual, machine and robotic vertical spraying.
- Need to properly coat intricate profiles.
- Provide a guaranteed high quality finish for customers.

Solutions:

- Air Assisted Airless application fed by high pressure piston pumps.
- High-pressure color change system for the application of multiple pigmented glazes.
- Manual or automatic coating supply feed.

Benefits:

An application system which minimizes overspray while ensuring high transfer efficiency giving a quality finish compliant with the customer's specifications.

FURNITURE AND FITTED UNITS

Needs:

- Volume solutions, carefully applying coatings onto flat surfaces, casings and profiles.
- Exotic wood substrates, pine, MDF, hardwood etc.
- Varnish, paint or lacquer, building up to a high gloss finish.
- Manual or automatic spraying on MDF panels in high volume production runs.
- Need to apply several successive layers with interlayer engravings.

Solutions:

- HVLP, LVMP, and Conventional Air Spray Technologies or Air Assisted Airless fed by diaphragm or piston pumps.
- Quick color change system.
- Application of viscous, solvent/waterborne and UV materials.
- Manual or automatic gun feed.
- Plural component electronic mixing systems.

Benefits:

A multi-purpose application system, minimizing overspray while ensuring high transfer efficiency giving a quality finish. Reduction of operating costs through possible plural component electronic mixing systems.



KITCHENS, BATHROOMS AND MDF PANEL LACQUERS



Needs:

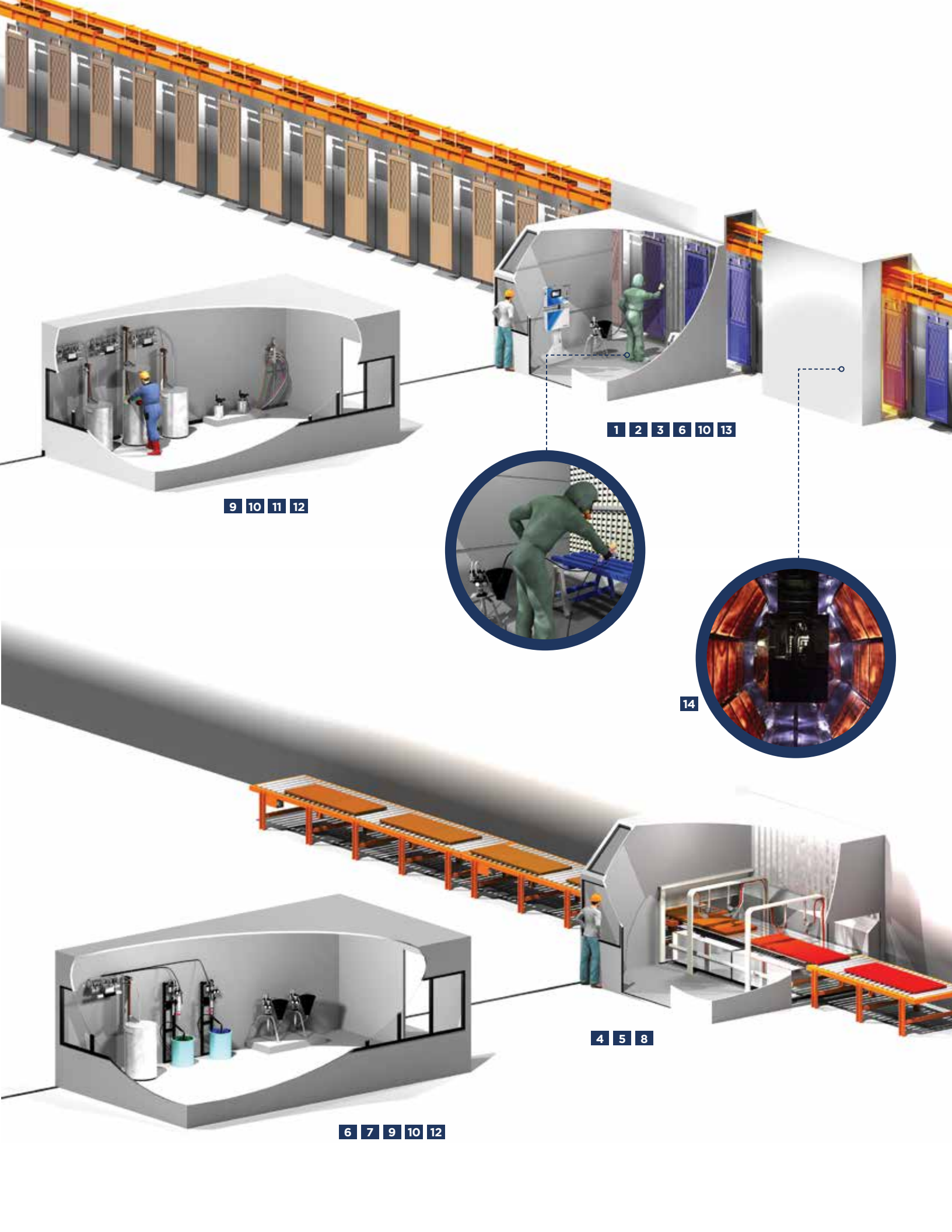
- Careful application onto flat panel work-pieces & profiles.
- MDF substrate, solid wood and lacquered panels.
- Matt, satin or high gloss finishes.
- Manual or automatic spraying on MDF panels in high volume production runs.
- Need to apply multiple layers with interlayer engraving.
- Sprays equally well on edges, moulding and larger flat surfaces.

Solutions:

- HVLP, LVMP, and Conventional spray technologies or Air Assisted Airless application, fed by diaphragm or piston pumps.
- Quick color change systems.
- Application of viscous, solvent/water based and UV materials.
- Manual or automatic gun feed.
- Plural component electronic mixing systems, or upgrading to a paint circulating system.

Benefits:

An all-inclusive application system, minimizing overspray while ensuring high transfer efficiency giving a high quality finish. Reduction of operating costs through Plural component mixing system or industrial paint-circulation system.



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14

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PRODUCTS FOR WOOD INDUSTRY APPLICATIONS

ATOMIZATION

1



DeVilbiss TEKNA Pro Lite Manual Spray Gun

- Fine-finish spray gun.
- Ergonomic shape reduces operator fatigue.

2



DeVilbiss Trophy Series Spray Guns

- Multipurpose spray gun for high quality coating application.
- Ergonomic design.
- Light-weight.

- Stainless steel fluid passageways.
- Wide range of air cap and fluid tip sizes available.

3



Trophy AA Air Assist-Airless Spray Gun

- Fan pattern adjustable on gun.
- HVLP and LVMP air caps available.
- Lightweight, operator friendly design with lite-pull trigger.

- Compatible with solvent and waterborne coatings.
- Standard flat tip and twist-tip self-cleaning reversible nozzle available with a wide range of tips.

4



DeVilbiss AG-360 Series Automatic Spray Gun

- Multiple manifold types available: AG-362L lever

operated version for fastest removal and AG-362S screw version.

- Air caps available in HVLP, Trans-Tech (High Efficiency) and Conventional technologies.
- Independent fan, atomising and triggering air on the mounting block.
- Indexing air cap for consistent reproduction of spray pattern.
- High precision with micrometrics set up.
- "Quick Clean™" coated gun body for easy cleaning.
- Ideal gun for robotic and machine applications.

5



DeVilbiss AG-363 High Pressure

- Unique single screw attachment to manifold allows quick easy removal for maintenance and cleaning from automatic spray gun.

- HVLP and LVMP air cap technology produces excellent atomisation with superior finish and transfer efficiency.
- Manual adjust air controls for easy spray fan adjustment and width control.
- Stainless steel gun head and fluid passageways for Waterborne and Solventborne coating compatibility.
- Tungsten carbide needle and seat for enhanced abrasion resistance and long working life.

FLUID HANDLING

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Binks DX70 Diaphragm Pump

- 1:1 ratio pump.
- Acetal pump body with stainless-steel balls and soft seats for universal paint compatibility.

- Constant, low pulse fluid flow thanks to built-in regulator option.
- Available as bare-pump, tripod, cart and wall-mounted outfits.
- 1 Gal fluid output @ 60 cycles/min.

7



Binks MXL 4/32 & 12/31 Pumps

- Patented air valve technology gives minimal pulsation.
- Long lasting ceramic coated piston rods.
- Stainless steel fluid passages and tungsten carbide valve seats.

- Bare-pump, tripod, cart or wall mounted pump packages available.
- Binks 5 year materials and manufacturing warranty.

8



Binks MX 35/11 Pump

- Patented anti-stall magnetic detents with quick exhaust valves for fast stroke change-over with minimal pulse.
- Stainless steel wetted parts with ceramic-coated piston rod for extended working life cycle.
- Quiet operation, lubricant free, no ice air motor.

- Self adjusting spring loaded packing's with large lubricant cup for reduced maintenance down time.
- Quick fluid section disconnect from air motor for easier servicing.
- Binks 5 year materials and manufacturing warranty.

9



Binks Maple Pumps

- Multiple ratio pumps available from 3:1 to 25:1.
- Low shear patented technology for stable product flow.

- Control valve metal spool and sleeve for long life.
- Patented magnetic detent to eliminate stall conditions.
- Low ice - lubricant free air motor with patented quick exhaust technology removes the risk of valve icing.

10



Binks Pressure Tanks

- Wide range of available capacities and configurations.
- Made of thick steel with forged steel locking systems.
- Available in stainless steel, and galvanized ASME tanks.

FLUID HANDLING

11



Ransburg CCV (Colour Change Valve)

- Durable stainless steel construction.
- Modular design to form valve assemblies depending on

number of colours (up to 30).

- Compatible with a wide variety of coatings.
- Wide range of mounting blocks and adapters for all installation types.

12



Binks Agitators

- Geared or direct drive versions available.
- Electric or Pneumatic drive options.
- Rotary or reciprocating action.

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GEMS

- Accurate proportioning from 1.00:1 - 100.00:1.
- 7" Color Industrial Touch Screen.
- Data exports in .csv and log formats.
- Pressures up to 1000 psi
- Compatible with acid catalysts.

CURING AND CONVEYING

14



BGK Curing Solutions

- Proven curing technologies include gas convection, gas catalytic, and electric infrared.
- Integrated and customizable solutions provide optimum performance.

Our brands of DeVilbiss, Ransburg, MS, BGK & Binks, have a reputation for excellence built on innovative solutions that provide efficiency, productivity and cost improvements for our customers. Many of our successes begin on-site in our customers' facilities, where their needs are most apparent.

Thanks to the expertise of our, sales force and back office teams, Carlisle Fluid Technologies is able to provide practical and time-sensitive solutions to the most complex coating and fluid handling problems.

Our highly-trained workforce intimately understands the manufacturing challenges facing customers and can develop original and advanced solutions from the ground up.

Manufacturing, research and development worldwide

Carlisle Fluid Technologies is a global company with facilities located. We work in partnership with a long established team of distributors.

We manufacture and supply all types of spray finishing equipment and accessories.

Incorporating the world leading brands of DeVilbiss, Ransburg, MS, BGK and Binks we produce advanced spray finishing equipment for the supply and application of all sprayed materials for all major manufacturing industries and markets.

For further information, visit our website at

www.CarlisleFT.com

DEVILBISS®

DEVILBISS manufactures low pressure manual and automatic spray guns and related spraying.

Ransburg®

RANSBURG is the acknowledged global leader in the design and manufacture of low and high pressure electrostatic finishing products, including manual and automatic guns disc/bell rotary atomizers and plural component systems.

ms®

MS is a leading manufacturer and installer of powder coating and booth systems with solutions ranging from mobile manual applicators to full production system installations.

BGK®

BGK manufactures a range of curing and conveying systems. BGK offers a range of curing systems including Infrared and gas catalytic options.

BINKS®

BINKS manufactures a range of low and high-pressure products including, Airless and Air Assisted Airless manual and automatic spray guns, high and low pressure pumps and regulators, pressure feed tanks, plural component electronic mixing systems and paint circulating system products.

Carlisle Fluid Technologies' network of fully approved distributors offer the highest standards of sales and service for DeVilbiss, Ransburg, MS, BGK and Binks products.

INNOVATION IN MIND

OPERATOR TRAINING SUPPORT

We conduct regular operator training courses throughout the year in our fully equipped industrial training centers.

The “modular” training courses cover all aspects and technologies used in the field of Industrial Spray Finishing. Delegates are given valuable hands-on and theoretical experience utilising our advanced range of DeVilbiss, Ransburg and Binks spray finishing products.

SEEING IS BELIEVING

The DeVilbiss, Ransburg, BGK, MS and Binks Program that helps you convert prospects to customers

DeVilbiss, Ransburg, BGK, MS and Binks offer the widest choice of finishing equipment in the industry today through you, our valued distributor.

DeVilbiss, Ransburg, BGK, MS and Binks firmly believe that if your customer needs reassurance that our equipment is the right choice for them they are a candidate for our “Seeing is Believing” Onsite Equipment Trial program, available only through you, an authorized distributor.

The program is simple. The equipment will be installed on the customer’s production line for up to 30 days, no questions asked.

A WIN-WIN situation:

Your customer likes the equipment on trial – you’ve just made a significant sale and profit.

Your customer finds the equipment does not produce the desired results – you’ve proven that you are willing to go “above and beyond” to make sure you meet your customer’s needs.

This 30-day onsite trial is just one more way DeVilbiss, Ransburg, BGK, MS and Binks help you convert a prospect to a loyal customer of the best recognized brands of spray finishing equipment in the industry.

Don’t wait. Start today

SEEING 
IS TRY IT. LIKE IT BUY IT.
BELIEVING
ONSITE EQUIPMENT TRIALS



SOLUTIONS FOR YOUR WORLD

www.carlisleft.com

World Class Manufacturers of: | Process Controls | Curing & Conveying
Electrostatics | Fluid Handling | Powder Coating | Atomization

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