



Innovation Applied

The world's single source
for superior finishing
equipment, systems,
and technical expertise



DELIVERING SUPERIOR
FINISHING SOLUTIONS

BGK
A CARLISLE BRAND

DEVILBISS
A CARLISLE BRAND

ms
A CARLISLE BRAND

CARLISLE
FLUID TECHNOLOGIES

BINKS
A CARLISLE BRAND

Hosco
A CARLISLE BRAND

Ransburg
A CARLISLE BRAND

Overthinking *the Unthinkable*

Carlisle Fluid Technologies is a global manufacturer of products and systems for the supply, application, and curing of sprayed materials including, paints, coatings, powders, mastics, and bonding materials.

Providing a comprehensive product range, our brands are highly respected in the industry for quality, design, and cutting edge technology. As a combined group, we offer over 375 years of collective experience in providing application solutions.

BGK
A CARLISLE BRAND

Advanced Infrared Curing and Controls Technology

BGK's precision engineered solutions offer curing capabilities over a full range of coatings including liquid, powder, wax, UV, and adhesives. BGK products include infrared curing, gas ovens, conveyors, reciprocators, and a full line of controls.



BINKS
A CARLISLE BRAND

The Single Source Solution for Spray Finishing and Fluid Handling

Binks, known for low and high-pressure manual and automatic spray guns, airless and air-assisted airless spray-painting outfits, fluid handling pumps and regulators, pressure feed tanks, and paint circulating systems are used in many industrial applications.



DEVILBISS
A CARLISLE BRAND

DEVILBISS
AUTOMOTIVE REFINISHING

Global Leader in Atomization Technology

DeVilbiss is most recognized for its spray gun atomization technology and first "Compliant" spray guns, which greatly reduces overspray and VOC's. DeVilbiss offers low pressure manual and automatic spray guns and accessories such as air filters and regulators, operator breathing systems, and spray gun cups and hoses.



HOSCO
A CARLISLE BRAND

Paint Circulating and Application Finishing Fittings Experts

Hosco offers smooth bore, "cavity-free" stainless steel fittings and accessories designed for manual or automated paint circulating and application finishing systems. Hosco's expertise and products deliver clean, contaminate-free paints and coatings, and is used in industrial and automotive global manufacturing facilities.





MARKETS & APPLICATIONS

- Aircraft and Aerospace Industry
- Agricultural and Farming Machinery
- Automotive Manufacturing (OEM & Tier 1)
- Motor Cycle Production
- Furniture Manufacturers (Wood and Metal)
- General Industry
- Leather Goods and Shoe Makers
- Defense and Military Fighting Vehicles
- Potteries (Glaze)
- Trade Coaters - Stove Enamellers
- Marine and Boating Industry
- Woodworking and Joinery
- Truck and Bus
- Rail and Transport
- Off Road Vehicles - fork lift trucks, plus many others



Your Global Specialist for Powder Coating Systems

MS is well-known for fast color change powder booth systems. From manual and automatic guns to fully automated horizontal and vertical powder coating lines, MS provides innovative and sustainable solutions for the most challenging customer requirements.



Superior Electrostatic Finishing Solution Experts

Ransburg is a global leader in the design and manufacture of manual and automatic electrostatic finishing equipment. The company continues to refine its efficient electrostatic technology to deliver "Class A" finishes and reduce VOC emissions.



The Next Generation of Spray Foam Equipment

Carlisle Fluid Technologies continues to reimagine the future of spray foam equipment, including spray foam insulation rigs, hoses, and spray guns. The company's IntelliSpray™ System leads the industry for ease of operation, durability, and efficiency.



Beyond Borders



Research and Development

Carlisle Fluid Technologies has built its reputation by being the originators of much of the new technology used in today's spray finishing world. Innovations such as our Binks Smart Pump and Smart control technologies, as well as our DeVilbiss Trans-Tech atomization air-caps, have kept us at the forefront of finishing technology. We dedicate huge resources to research and development, and work closely with the leading paint companies and specialists in surface coatings to ensure our equipment consistently provides the standard of finish our customers demand.

Our R&D Centers of Excellence are based in several locations around the world in order to be in constant touch with local markets, new ideas, and our customer's individual requirements.



GLOBAL LOCATIONS

● Manufacturing, Office & Lab Facilities



Manufacturing Locations

- Jackson, Tennessee (USA)
- Minneapolis, Minnesota (USA)
- Oakdale, Minnesota (USA)
- Wixom, Michigan (USA)
- Balgach, St. Gallen (Switzerland)
- Bournemouth, Dorset (United Kingdom)

Lab Facility Locations

- Minneapolis, Minnesota (USA)
- Oakdale, Minnesota (USA)
- Toledo, Ohio (USA)
- Balgach, St. Gallen (Switzerland)
- Bournemouth, Dorset (United Kingdom)
- Minhang, Shanghai (China)
- Yokohama-shi, Kanagawa-ken (Japan)

Office Locations

- Jackson, Tennessee (USA)
- Minneapolis, Minnesota (USA)
- Oakdale, Minnesota (USA)
- Scottsdale, Arizona (USA)
[Corporate Headquarters](#)
- Toledo, Ohio (USA)
- Wixom, Michigan (USA)
- Balgach, St. Gallen (Switzerland)
- Bournemouth, Dorset (United Kingdom)
- Danwon-gu, Ansan-si, Gyeonggi-do
(Republic of Korea)
- Minhang, Shanghai (China)
- New Delhi, Delhi (India)
- Riverwood, NSW (Australia)
- Estado de México (México)
- Yokohama-shi, Kanagawa-ken (Japan)

Lab Facilities *Drive Your Success*

With a worldwide footprint of offices, lab facilities, and manufacturing sites, the companies of Carlisle Fluid Technologies are accessible to consult on your specific application and deliver the right products and solutions to help drive your success.

As a customer-focused organization, we believe in driving innovation with our end user partners, based on a foundation of collaboration and integrity.

Demonstration Lab Facilities

Our in-house, state-of-the-art lab facilities in three countries are available to existing customers, new customers, and vendors to support the development, testing, and demonstration of new processes related to liquid, powder, sealants, and adhesives.

Our customer demonstration labs allow real-time analysis of system performance under realistic conditions to simulate finishing operation. Within our application labs, proposed solutions can be refined, validated, and documented to improve your process, reduce operating cost, and grow your bottom line.





GLOBAL DEMONSTRATION LOCATIONS

USA - TOLEDO LAB

Liquid Coating Lab

- Side draft booths with robot and RMA series robotic applicator
- Side draft booths for manual or reciprocator applications
- Down draft booth with floor conveyor for robotic, automatic, or manual applications
- BGK infrared portable and overhead curing lamps
- BGK chain-on-edge conveyor system with application and curing capabilities
- Piggable and conventional paint circulation demonstration area
- Omega loop conveyor with TurboDisk applicator
- Full complement of Binks, DeVilbiss, and Ransburg applicators and plural component metering equipment

Powder Coating Lab

- Dual fast color change booths
- Powder kitchen
- Cyclone recovery unit
- Automatic and manual application equipment
- IR and convection oven
- Automatic conveying system

USA - MINNEAPOLIS LAB

Liquid Curing Lab

- Infrared overhead curing line
- Hybrid curing oven - conventional/infrared
- AutoCure repair arms heaters
- Automotive infrared oven
- Conveyorized infrared flat line
- IR smart oven

USA - OAKDALE LAB

Fast Set Coating Lab

- IS30 Proportioner
- IS40 Proportioner
- ST1 Spray Gun
- Quick Heat Hoses

JAPAN LAB

S&A Coating Lab

- i-Flow system
- 3D 415/420
- Robot

Powder Coating Lab

- Circulation system
- Conveyor
- BGK oven
- Controller

Liquid Coating Lab

- Overhead conveyor system
- 2K mixing equipment
- BGK oven
- TurboDisk booth
- Automatic gun booth & reciprocator
- Bell booth with reciprocator & robot

CHINA LAB

Liquid Coating Lab

- Down draft booth with robot and RMA series robotic applicator without humidity control
- Side draft booths with robot and Aerobell 168/Ice bell applicator/AEMD gun
- Side draft booths for manual applications
- BGK infrared and overhead curing heater
- BGK small infrared manual portable oven
- RM2, RF2 2K equipment

Powder Coating Lab

- Fast color change booths
- Powder kitchen
- Cyclone recovery unit
- Automatic and manual application equipment
- Convection oven
- Automatic conveying system

S&A Coating Lab

- i-Flow GP dispense system

SWITZERLAND LAB

Powder Coating Lab

- Manual elite cart unit
- Automatic and manual application equipment
- Dual powder kitchen (RDF & conventional)
- PVC - open automatic powder booth
- Heavy load crane conveyor system
- Siemens system control
- Convection oven

EUROPE LAB

Liquid Coating Lab

- Manual spray booth
- DV1 family
- Ransflex AA
- Trophy AA
- RM2
- Maple HP
- Auto spray booth
- RMA 600 series bell
- AGMDPro
- Robot
- Control/mixing
- 2K-3K machine IntelliFlow
- RF2/RM2

Curing Lab

- BGK combo oven
- Auto-cure system
- Conveyor
- Trisk-DeVilbiss IR system/UV led

S&A Coating Lab

- Smart HP (Mechanical)
- i-Flow SP
- 3D 415/420
- RAM
- Robot

Fast Set Coating Lab

- IS40 or IS30
- ST1 spray gun
- Quick heat hose

Powder Coating Lab

- Elite top coater
- Spray gun M5+ and parts
- Paint kitchen

A Commitment Beyond Innovation

Carlisle Fluid Technologies is committed to the highest ethical standards and conducting business throughout all operations with the highest level of integrity.

With a passion for environmental impact, the organization's sustainability practices extend to the development and production of all engineered products and solutions.

Environmental Sustainability Through Innovation

Ongoing innovation throughout our brands and equipment lines is contributing to Carlisle Fluid Technologies' commitment to environmental sustainability and responsible stewardship.

For example, technology advancements have driven improvements in the overall finishing process with significant reductions of CO2 emissions - up to 60% compared to traditional processes. Applicators that produce high transfer efficiency reduce hazardous material waste and VOC emissions. Advanced and efficient electrostatic drive pumps for sealants and adhesives provide a reduction of energy use by up to 75%, while our electric smart pumps are 4x more energy efficient than traditional pneumatic pumps. And today's electrostatic rotary atomizers improve the overall coating process and reduce robotic process time, significantly contributing to a CO2 footprint reduction.

Carlisle Operating System (COS)

We leverage COS across all Carlisle Fluid Technologies companies to drive continuous improvement in our processes, engineering, quality, delivery, and customer experience. Driven by our culture of continuous improvement, as embodied in the Carlisle Operating System (COS), Carlisle Fluid Technologies can provide a sustainable and innovative solution for every application - liquid or powder, coatings, or adhesives.



Environment | Social | Governance (ESG)

Carlisle Fluid Technologies is committed to providing customers industry-leading, sustainable and energy efficient solutions for the supply, control, application and curing of a wide range of paints, powders, sealants, adhesives, foams, and other application materials.



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ROA

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