



Collins And Company, Inc.
731 North 17th St., #20
St. Charles, IL 60174
1-800-323-4528
Sales - Installation - Service



Finishing System Solutions
for over 40 years.

Industrial Pretreatment Washers
Powder Coating and Paint Application Equipment
Spray Booths and Powder Booths
Dry-Off and Cure Ovens
Material Handling and Conveyor Systems

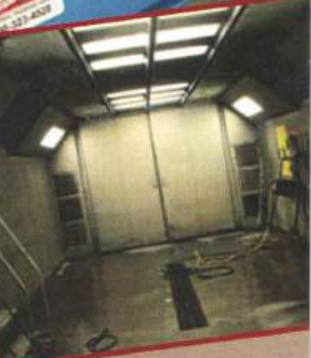
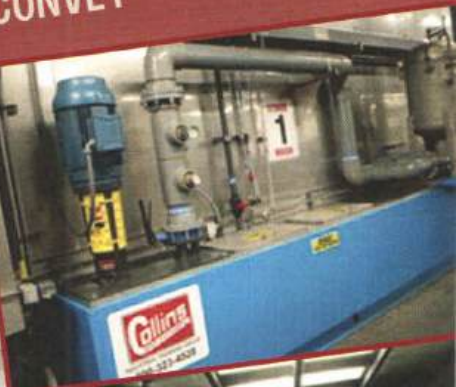
CLEAN

COAT

COLLECT

CURE

CONVEY



Improve output and finish while reducing cost.
CALL FOR A SYSTEM AUDIT TODAY.
1-800-323-4528

www.collinsandcompany.net
www.industrialfinishinggroup.com



WASHERS

- **Corrosion Resistant** | SST or composite tanks and housings
- **Energy Efficient** | Insulated tanks reduce operating costs
- **Reduced Chemical Consumption** | Filtration systems to remove oil and dirt and extend bath life and prevent clogged nozzles
- **Safety** | Easy to access OSHA approved stairs, inspection lights in every stage, slip resistant composite walkways
- **Only the Best Components** | Gusher pumps/Maxon or Eclipse combustion systems/spraying system quick-connect nozzles



POWDER BOOTHS

- **Manual & Automatic Powder Booths** | Vertical cartridge style with roll-a-way collectors for powder recovery, cyclone collection systems
- Quick color change designs
- Lean cells for rapid color changes (18 Seconds)
- **Only The Best** | Automatic and recovery powder booths from Nordson® and spray to waste booths from GFS®
- UV flame detection systems
- Rotary and vibrating sieves
- **Canopy Reconfiguration and Replacement** | SST, Poly, Apogee or white powder coated panels engineered for your application
- **Powder Filters** | Cartridge filters for powder recovery: paper, polyester and Gore-Tex®. Final filters: 95 ASHRAE and HEPA. Spray to waste: polyester roll media and pocket filters.



OVENS

- **Oven Styles** | Batch, conveyorized, flatline, dry, cure, burn-off, raised bottom entry, outdoor, roof top
- **Heat Sources** | Gas and electric infra-red, convection, hybrid IR ramp/convection soak, ultraviolet (UV)
- **Even Temperature** | No cold spots at floor, no hot spots at ceilings, ample air movement to eliminate heat stratification
- **Energy Efficient** | 4-6" insulated panels to reduce heat loss
- **Long Panel Life** | Aluminized to reflect heat and resist corrosion, only 26" wide to prevent rock wool settling
- **Air Seals** | Unique raised air seal design prevents heat escaping through conveyor slots with engineered length to minimize heat migration
- **Only the Best Components** | Maxon or Eclipse combustion systems/NYB fans



When the system house we hired left us with a half built system that couldn't work and wouldn't fit, "IFG saved the day...they designed an innovative infrared preheat and convection cure oven that reduced our oven design from 300' to only 60' and saved us valuable floor space and 80% of our projected natural gas use."

— Mike E. - Plt. Mgr. **Porter Athletic**



CONVEYORS

- **Conveyor Orientation** | Overhead, chain on edge, inverted and live roller
- **Capacity** | Enclosed track, X-348, X-458, X-658
- **Controls** | Power & free, variable speed and indexing systems
- **Part Rotation** | Powered Rotation with variable speed and direction
- **Loading Systems** | Load and unload areas with optional lift tables, lower-ator, hoist and cranes
- **Engineered Construction** | Clear span super structure, structural steel I-beam and box tubing construction with oversized base plates and gusseted for live load stability
- **Only the Best Components** | Richards Wilcox, Webb and Rapid Industries



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SPRAY BOOTHS

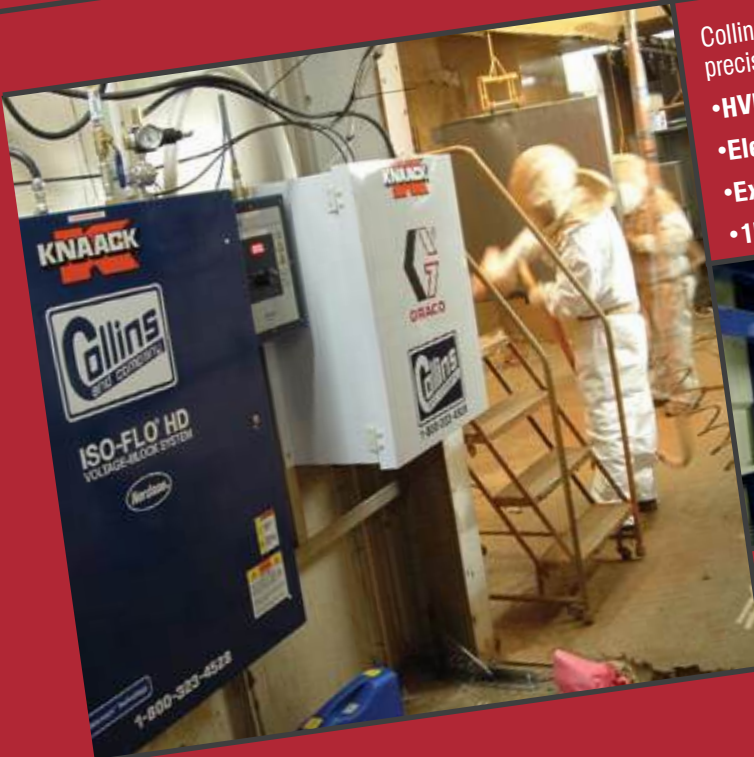
- **Custom Designed** | Engineered and fabricated for your application
- **Open faced, conveyorized, enclosed, drive-thru**
- **Recirculating Booths** | Reduce 90% of make up air and operation cost
- **Spray & Bake** | Reduce dry times by 80%; achieve repeatable and predictable output regardless of the humidity or temperature in your facility
- **Fabricated from G-90 galvanized sheet steel, nut/bolt assembly on 6"**
- **Vapor-tite and gasketed lights with high efficiency T-8 ballast and color corrected lamps**
- **Only The Best** | Col-Met® and Global Finishing Solutions®
- **Paint Filters** | Columbus Industries expanded paper pads and blankets, polyester pocket filters. Chemco Mfg. fiberglass and polyester pad and roll media. Specialty media for waterborne and high solids.



SPRAY & DISPENSE APPLICATORS

Collins has automatic and manual spray and dispense applicators to put the precise amount of material exactly where you need it.

- **HVLP Air Spray, Air-Mix, Airless & AA**
- **Electrostatic Spray, Rotary Atomizers, Bells & Discs**
- **External Charge Waterborne Electrostatic Guns & Bells**
- **1K Extrusion & 2K Dispense Valves**



PROPORTIONING & WATERBORNE ELECTROSTATIC ISOLATION SYSTEMS

- **ISO-FLO** | Waterborne Electrostatic isolation System allows you to feed from drums and totes from your circulation system or pumphoom
- **2K & 3K Proportioning Systems** | Epoxy, Urethanes and CARC

POWDER GUNS

•Manual and Automatic Powder Gun Systems

- Nordson Prodigy HDLV** | Increase transfer efficiency by 25% over standard guns, color change in seconds
- Nordson Encore and Vantage gun systems
- I-Control** | Programmable part recognition, powder delivery and electrostatic setting; the most efficient setting for every part every time
- Fanuc Robot** | Reduces labor cost and eliminate manual touch-up
- Parts and Service** | Gun and pump parts, cartridge and final filters, powder hose, hoppers (1#, 50#, 100# and 200#)



"Collins and Company reduced our powder consumption by 40%."

— Bruce R. - Facility Engineer

Elgin Sweeper, A Subsidiary of Federal Signal Corporation



FLUID HANDLING & PUMPING

Collins provides pumps and accessories to transfer, spray and dispense a variety of fluids used in industrial manufacturing. We have a pump for nearly every application, from micro-dispensed, pail, drum and tote evacuation. We pump, circulate, ratio, meter, filter, and apply the following fluids:

- Paint & UV Coatings
- Powder
- Chemicals & Solvents
- Lubricants
- Adhesives & Mastics
- Food, Cosmetic & Pharmaceutical Products

Collins can provide you with the best pump for your fluid handling challenge. We offer air, electric and hydraulic power depending on your working environment. Collins provide pumps to move fluids at nearly every pressure, volume and viscosity.

•1-7,500 psi •15 cc/Min – 1,000 GPM •.7 cps – 3,000,000 cps.



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Industrial Finishing Group



SPECIALTY EQUIPMENT

As a turnkey integrated supplier we understand that managing the full scope of a customer's application needs can make all the difference. We provide many other pieces of specialty equipment to meet our customer's application goals. We understand how one system can affect the other. Let us manage the details and eliminate the potential pitfalls by also providing the following:

- **Compressed Air Systems**
- **Dust Collection & Sanding Booths**
- **RO Water Systems**
- **Air Make-Up & HVAC Systems**
- **Environmental Rooms** | Clean rooms, HVAC, temperature and humidity control
- **Pollution Control** | VOC concentrators and regenerative thermal oxidizers
- **Cooling Tunnels** | Heat dissipation and containment
- **Flash Tunnels** | Heater enclosures for water and VOC reduction prior to drying
- **Abrasive Blast Systems** | Inline machines, blast booths and recovery systems



DESIGN/INSTALLATION/SERVICE

Design | We design durability, efficiency and flexibility into every system. We ask the right questions, listen and provide elegant solutions. Our goal is to provide you with the best functional and economic solution to your system requirements.

Installation | We provide the option for mechanical and electrical installation on every item we supply. Our installation service is done to national standards in compliance with applicable codes.

Training | We provide operator and maintenance on every item we install.

Service | We make sure your system continues to operate with peak efficiency by providing preventative maintenance schedules and service contracts. If your system does go down we are available 24/7. We use only nationally available components so most parts can be obtained quickly from our inventory or local industrial suppliers.



Your partner in Finishing System solutions for over 40 years.



ABOUT US

Collins and Company is a world class factory authorized distributor representing the premier manufacturers of fluid handling and painting equipment as well as many other manufacturers of specialty industrial equipment. Through our four locations we keep industrial manufacturers supplied with the expertise, equipment, parts, consumables and the service they need to produce quality products. We understand production time is sacred, so we provide durable solutions to meet our customers demanding requirements. Our professional staff has the expertise to keep you in production.

The Industrial Finishing Group provides innovative turnkey design, engineering, fabrication and installation services for large integrated finishing systems. We can provide a one-stop source to take your project from concept to operation. We take the time to understand your process, problems and goals. We then provide an integrated solution including the required conveyor, washer, ovens, spray and powder booths, environmental rooms, air make-up systems, RO water systems, etc.

IFG also provides asset management services to protect your system investment. IFG can remove, relocate, store, modify and expand your material handling and finishing systems to adapt to product, output and facility changes.

The partnership between Collins and Company and IFG allows us to take responsibility for the entire finishing process including the supply and application of paint and powder on your parts. Our integrated approach provides guaranteed solutions with factory authorized support and service for the entire system.

We manage the details that others routinely overlook. We take a no compromise approach and work with you to achieve your goals on time and on budget.

We understand "Lean" and "Green." Our system solutions reduce labor, energy, chemicals and material usage.



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TESTIMONIALS

"Collins and Company reduced our water consumption from 20 GPM to 5.4 GPM and saved us thousands a month in ion exchange, sewer and waste hauling fees."
— Bill M. - Mfg. Engineer **Revcor Manufacturing**

"We thought our paint line project would require two systems and a multi-million dollar building expansion to house the system. IFG designed a flexible system that fit in our existing space saving us time and money. They listened and provided us with a solution on time and within our budget."
— John M. - Engineering Mgr. **Hennig**

"Thanks for your help"... "We are proud of our new system and it will give us the reliability to run our business for many years to come. We look forward to working with you and your team on new improvement projects in the future. Thanks for your continued support."
— Bruce V. - Mgr. of Mfg. Engineering **Bretford Mfg. Inc.**

"Thanks for your team's many long hours...the project was a complete success...from design, demolition and start-up your people inspired confidence...the power and free conveyor worked flawlessly on start-up, the new washer has reduced our chemical cost by 50% and our gas cost by more than 40%...the R.O. system drastically reduced our sewer fees...our water consumption dropped by 3,500 gallons/day..."
— Brandon K. - Senior Mfg. Engineer,
Exmark Mfg., a TORO Company

The system Collins and Company designed for us in 2009 has earned Summit many new customers and contracts. "It gives us the flexibility to process just about whatever Caterpillar throws at us...and looks every bit as good as it operates. We are excited to work with your company on a second system this year."
— Tim B. - CEO, **Summit Product Support**

Performance Engineered Air Filter Products
Columbus Industries, Inc.



Let us show you how to reduce your operating cost, increase your output, improve your process, reduce rejects and increase your bottom line.
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All equipment is built in compliance with US National standards.