

SECTION 2

ITW
AUTOMATION



ITW AUTOMATED SYSTEMS

MASTERING PRODUCTIVITY
AND EFFICIENCY

AUTOMATION

**YOUR COMPREHENSIVE SOURCE FOR
AUTOMATION AND ROBOTIC SOLUTIONS**

High quality coating operations demand the most advanced automated systems. ITW has addressed these requirements and provides the most responsive, flexible and cost-effective system solutions. When return on investment gets measured in reduced coating usage, lower labor costs, eliminated waste and maximum output, ITW has the solutions that help you add margin to your bottom line.



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CHANCES ARE, YOU'RE NEVER MORE THAN TEN FEET FROM AN ITW FINISHED PRODUCT

ITW has consistently led the way in the development and advancement of automated coating technologies. We leave nothing to chance. Today's automation requires complete process control. The ability to control every variable allows for consistent finish quality. Design details are our priority.



We provide complete atomization control:

- Atomization
 - RPM
 - psi
- Pattern
- Fluid
- Shape air
- Voltage
- Closed loop air
- PLC interface
 - style selection
- Fluid pump control

Our automation capabilities are complete:

- Robotic atomizers
- Rotary and air atomized Bells/Guns
- Closed loop process control
 - air
 - fluid
 - voltage
 - speed
- Electronic 2 & 3k mixing
- Solvent or waterbase technology
- Smart Pumping systems

AT ITW, WE KNOW HOW TO FINISH.



ITW AND YOU—DEVELOPING A WIN-W

At ITW, we think outside the box to provide you with compelling solutions for your finishing needs. By working in partnership, we can create innovative new products and processes that can take coating technology into the future.

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HELPING OUR CUSTOMERS FACE THEIR CHALLENGES

Your success is our #1 priority. We strive to provide you with innovative solutions for your coating and finishing challenges.



We manage every step in process development by:

- Conducting Product Verification and Particle Testing
- Bringing Design Flexibility to Process Development
- Offering Full, On-Site Process Development and Testing
- Having a Close Working Relationship with Suppliers to Develop the Exact Formulations for each Job
- Working with our Customers to Provide Equipment Integration and Start Up Support
- Competing with other Capital (ROI)

EXCEEDING OUR CUSTOMERS' EXPECTATIONS

Awareness of customers' challenges allows us to continually enhance product performance. From FTC to process improvement we meet your challenges head-on.

We're Working to consistently improve:

- Color Match
- Coverage
- Film Thickness
- Appearance
- Surface Defects



IN RELATIONSHIP

MOVING TO A WIN - WIN...

- Develop unique solutions
- Keep within customer budgets
- Analyze pertinent issues
- Global engineering staff
- New approaches to coating technology and componentry

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SETTING STANDARDS ALL AROUND THE WORLD

ITW's Automated Finishing Systems and Robotics are at work worldwide. In fact, they have become the finishing industry's standard-setting systems of choice. Our advanced automation technologies and sophisticated robotic system designs repeatedly deliver consistent and reliable results.

- **RMA-303 Indirect...** Robot-mounted atomizer delivers precise electrostatic finishing
- **RMA-303 Direct...** State-of-the-art robot-mounted rotary atomizer is the most flexible and efficient
- **MCV 2...** Color change system with modular design provides for quick and easy color change
- **Evolver NE...** Non-electrostatic robot mounted atomizer delivers versatility and efficiency
- **AGMD...** This next generation finishing gun is the only true quick-disconnect spray gun on the market
- **DynaFlow...** Fluid metering system delivers fast, concise and repeatable material flow control
- **RCS 2...** Ratio control system sets the standard for precision, electronic control of gear-pump metering
- **AirTronic...** This closed loop module is the control solution for production consistency and operating efficiency
- **RPA-1...** Robot powder applicator is the most technically advanced for automotive exterior and cut-in applications
- **MicroPak...** Industrial power controller integrates a microprocessor for diagnostic and communication functions.
- **Turbodisk...** High-speed electrostatic applicator handles even the most difficult coatings
- **Piggable Systems...** Circulating paint systems deliver cost-effective fluid delivery solutions
- **CCV Color Change Valves...** Flexible assembly suitable for a wide variety of applications
- **Aerobell 33...** Legendary high-speed rotary atomizer provides proven, reliable performance and durability
- **Air Heater...** Reduces or eliminates condensation problems in high-humidity environments
- **RE-Con...** Robotic environmental containment system clean and dry both bell or gun type applicators
- **Pneumatic Controls...** Provide centralized control of applicator functions for both bell and disc type applicators
- **Automatic Guns...** A full range of models is offered for all automated systems and coating types



ITW FINISHING SYSTEMS—THE SYNERGY OF LEADERS

As the global innovator and market leader in finishing equipment ITW is out to set new standards for quality, innovation and customer service. To maintain the leadership positions we've forged in the markets we serve, we believe it is our role to imagine the future needs of our customers and to be constantly improving our products and processes to meet those needs.

THE BENEFITS ARE CLEAR

- Innovative Product Design
- Comprehensive Systems
- On-site Technical Representation
- In-house Labs
- Training Center
- 24 Hour Technical Support
- Nationwide Distributor Network

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CONTACT YOUR AUTHORIZED ITW AUTOMOTIVE
FINISHING OR ITW RANSBURG DISTRIBUTOR TO
FIND OUT HOW TO INVEST IN OUR PRODUCTS:

ITW Ransburg **ITW Automotive Finishing**

厦门乐成贸易有限公司
电话：0592-5553122
传真：0592-5597122
邮箱：xmlc55@tom.com

