Finishing Automation
Automated Paint Systems for Improving Performance and Quality
Improving Performance Through Technology

Whether you’re new to automation or looking to make a switch, manufacturers of all sizes are benefiting from the many advantages of automation.

**Cost**
Automation lowers operating costs by:
- Reducing material waste by up to 30%
- Reducing waste disposal and VOC regulatory permit expenses
- Reducing labor, healthcare, and benefit costs

**Quality**
Automation dramatically improves quality by:
- Offering unmatched accuracy and repeatability
- Adding mistake-proofing as part of the process
- Reducing scrap and rework due to operator error

**Delivery**
Automation increases production by:
- Increasing process speeds to boost throughput and eliminate bottlenecks
- Minimizing downtime with better reliability
- Maximizing capacity with 24/7 operation
- Reducing time spent on training, meetings, and breaks

**Safety**
Automation can reduce costs & improve safety of skilled workers by:
- Removing them from dull, dirty, and dangerous conditions
- Protecting them from harm and repetitive stress
- Minimizing injuries that can cost thousands in healthcare and reduced productivity
Your Partner in Automation

Once you’ve decided to automate, choosing the right partner can make all the difference. That’s when you need dedicated people who have the experience and expertise to find solutions for your unique challenges, and innovative products to get the job done right. That’s when you turn to us.

Why Graco Automation?

**Trusted Finishing Experts**
For more than 90 years, Graco has been providing high quality finishing products to industries like yours around the world. Our success is based on a foundation of long-lasting, dependable equipment that you can trust.

**Reputation for Innovation**
Built upon decades of delivering results to our customers, Graco makes substantial investments in research in development year-over-year to ensure you get innovative products that take your business to the next level.

**A+ Customer Service**
Striving to consistently exceed your expectations, Graco makes it our goal to ensure product quality, deliver products on time and find solutions for your unique applications.

**Return on Investment**
Committed to providing you with high quality products at lower costs, Graco helps you improve customer satisfaction and enhance your brand differentiation – driving increased revenues for your business.

We have you covered.
3600 distributors
100+ countries
15+ languages
Graco automatic conventional applicators offer innovative technology and superior quality delivering the performance you need to get the job done. They are lightweight, compact and provide consistent spray patterns for a high quality finish.

**Automatic Conventional Applicators**

### AL Series
**Automatic Airless Spray Gun**
- High pressure applicator (up to 4000 psi) to handle high viscosity materials
- Capable of handling high production rates with many different types of materials

### G40
**Automatic Air-Assisted Spray Guns**
- High pressure applicator with more control and finer finish than the AL Series
- Precision tips create uniform atomization, position accuracy, and consistent pattern width for superior finish quality
- Combines the benefits of high transfer efficiency with a soft finish and low overspray

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**AirPro**
**Automatic Air Spray Guns**
- Low pressure, versatile applicator that works well for many different materials and applications
- Several atomization technology options including HVLP, Conventional, and Compliant

**AirPro EFX**
**Automatic Air Spray Gun**
- Compact and lightweight applicator platform for small component precision finishing
- Several atomization technologies, fluid adjustment styles, and mounting options for total flexibility

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Transfer efficiency is the amount of paint solids deposited on a part divided by the total paint sprayed. Look for the colored boxes next to each gun type to see how our guns stack up.
Graco’s automatic electrostatic applicators deliver the highest spray performance, efficiency and spray quality in the industry. Each electrostatic applicator is tested to ensure it meets Graco’s highest standards for quality.

**ProBell**

- Most advanced atomization technology resulting in the highest finish quality and best transfer efficiency
- Meets the highest standards of precision spraying with uniform atomization and an ultra-soft spray pattern for the most demanding finishing applications

**Pro Xpc Auto**

- Low voltage cable design has industry leading safety
- More robot integration options than Pro Xp Auto
- Advanced controller has reliable performance

**Pro Xp Auto**

- Simple turbine powered electrostatic generator is easy to use & install
- Proven electrostatic spray performance in both air spray and air-assisted technologies
Graco’s metering and mixing technology offers precise and reliable electronic fluid control for a broad range of materials.

Accurate mixing and ratio assurance ensure multiple component materials are mixed on-demand at the correct ratio for optimal material performance. Precision flow control provides a consistently smooth fluid delivery.

**User Interface:**
- Allows users to clearly monitor and control their system from one easy to use interface
- Controls the proportioner and spray applicators from one location
- Simple to install and configure with simple threaded connections, automatic troubleshooting, and flexible software upgrades

**ProMix PD2K Auto**
**Positive Displacement Dosing System**

This ProMix PD2K positive displacement pump provides true volumetric fluid control for the ultimate in precision, accuracy, and control.

- Exceptional accuracy – within 1% – over a wide variety of materials, pressures, and flow rates
- Precise and consistent flow control
- Minimal impact from temperature, viscosity or elevation
- Remote mixing for low waste and fast color changes
- Positive displacement dosing pumps offer many advantages over gear pumps

**Reduce Solvent & Material Waste By Up To 80%**

- **Daily Paint Usage**
  - **Traditional Systems**
  - **ProMix PD2K**
  - 70% savings

- **Daily Solvent Usage**
  - **Traditional Systems**
  - **ProMix PD2K**
  - 80% savings

*Savings based on 7 color changes per day and hose length of 50 ft x 1/4 in diameter

**ProMix 2KS Auto**
**Meter-Based Dosing System**

This meter based dosing system utilizes high quality gear meters and dosing valves to accurately meter and mix fluids on-demand with accurate ratios. ProMix 2KS Auto also has an optional closed-loop flow control system to maintain consistent flow rates.

- Exceptional accuracy over a wide variety of materials, pressures, and flow rates
- Sequential or dynamic dosing
Technology that’s Easy to Integrate

By easily managing all spraying variables from one familiar controller, you get total paint control. Plus, everything seamlessly integrates with robots, reciprocators and fixed guns in both 1K or 2K applications.

**Precision** fluid control and industry leading accuracy

**Maximize** transfer efficiency, improve finish quality and boost performance with Graco applicators

Up to 80% reduction in flushing waste and faster color changes with remote mixing

**Partnerships** with distributors, integrators and robot manufacturers to connect you with the best in the business

For more information how Graco can help you take advantage of the benefits of automation, visit: [www.graco.com/automation](http://www.graco.com/automation)
ABOUT GRACO

Founded in 1926, Graco is a world leader in fluid handling systems and components. Graco products move, measure, control, dispense and apply a wide range of fluids and viscous materials used in vehicle lubrication, commercial and industrial settings.

The company’s success is based on its unwavering commitment to technical excellence, world-class manufacturing and unparalleled customer service. Working closely with qualified distributors, Graco offers systems, products and technology that set the quality standard in a wide range of fluid handling solutions. Graco provides equipment for spray finishing, protective coating, paint circulation, lubrication, and dispensing sealants and adhesives, along with power application equipment for the contractor industry. Graco’s ongoing investment in fluid management and control will continue to provide innovative solutions to a diverse global market.

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