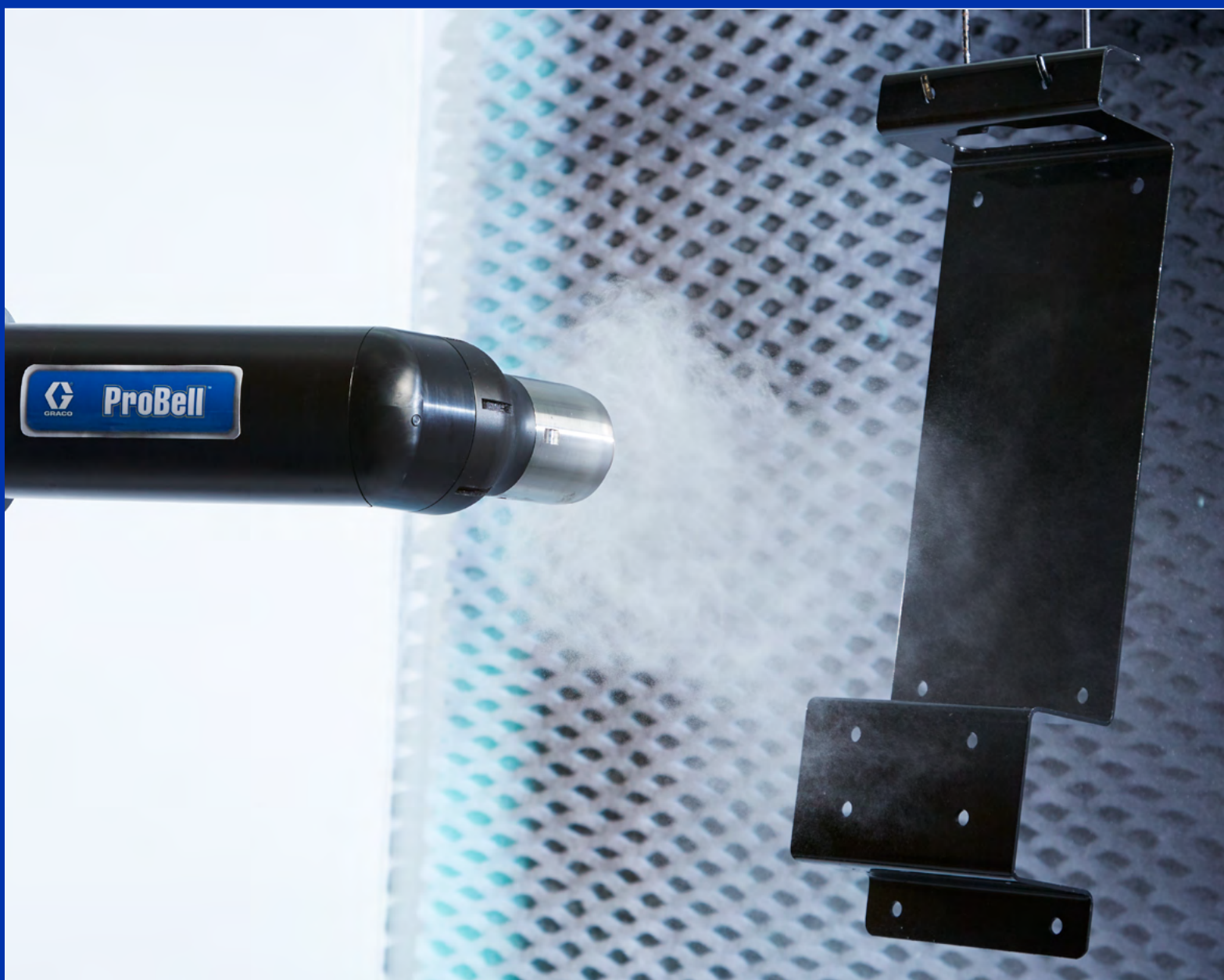




Finishing Automation

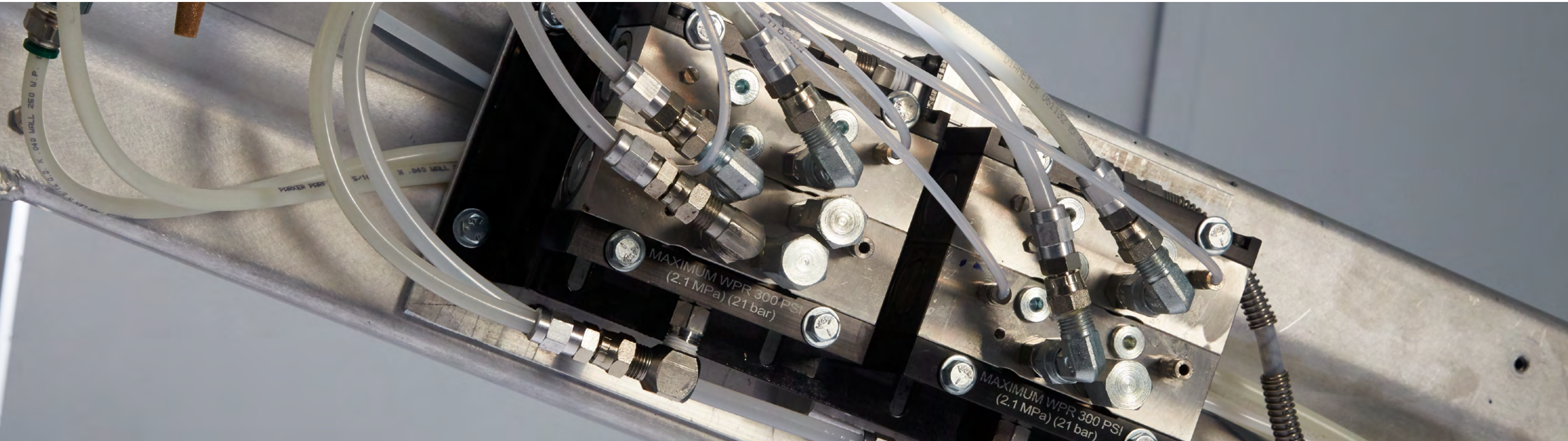
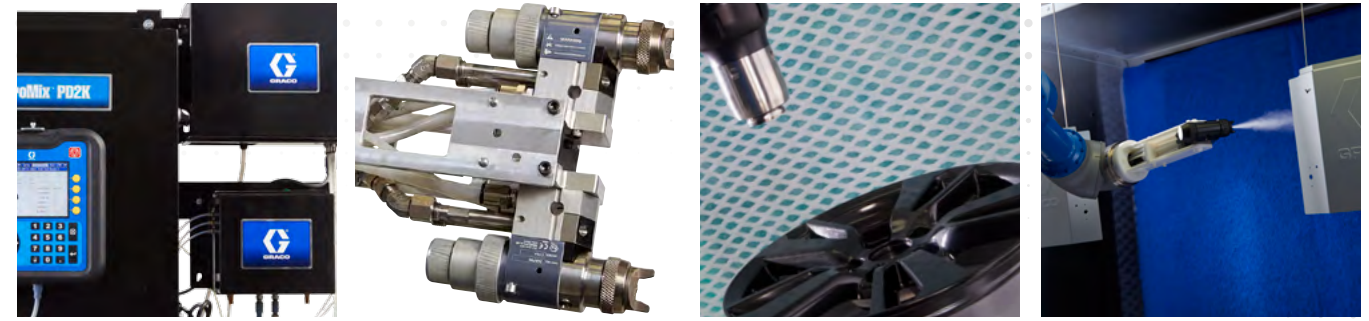
Automated Paint Systems for Improving Performance and Quality



PROVEN QUALITY. LEADING TECHNOLOGY.

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

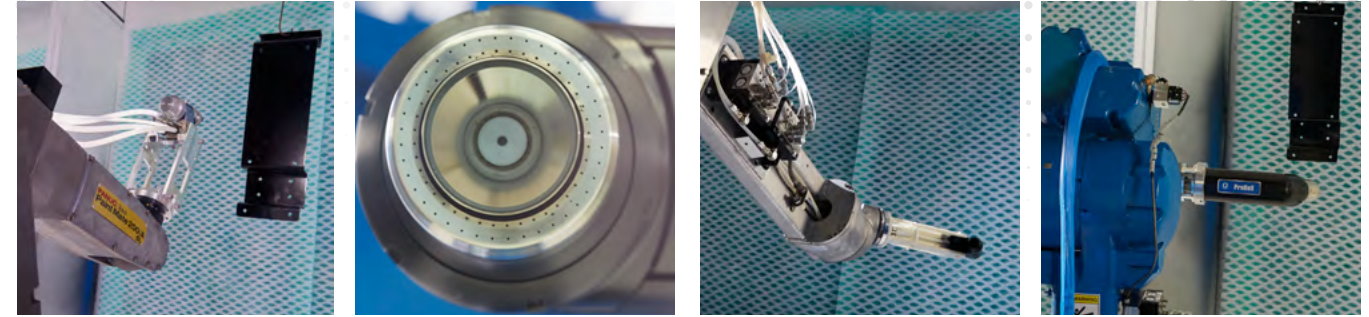
Automation can reduce costs & improve safety of skilled workers by:

- 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.



We have you covered.
3600 distributors
100+ countries
15+ languages

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

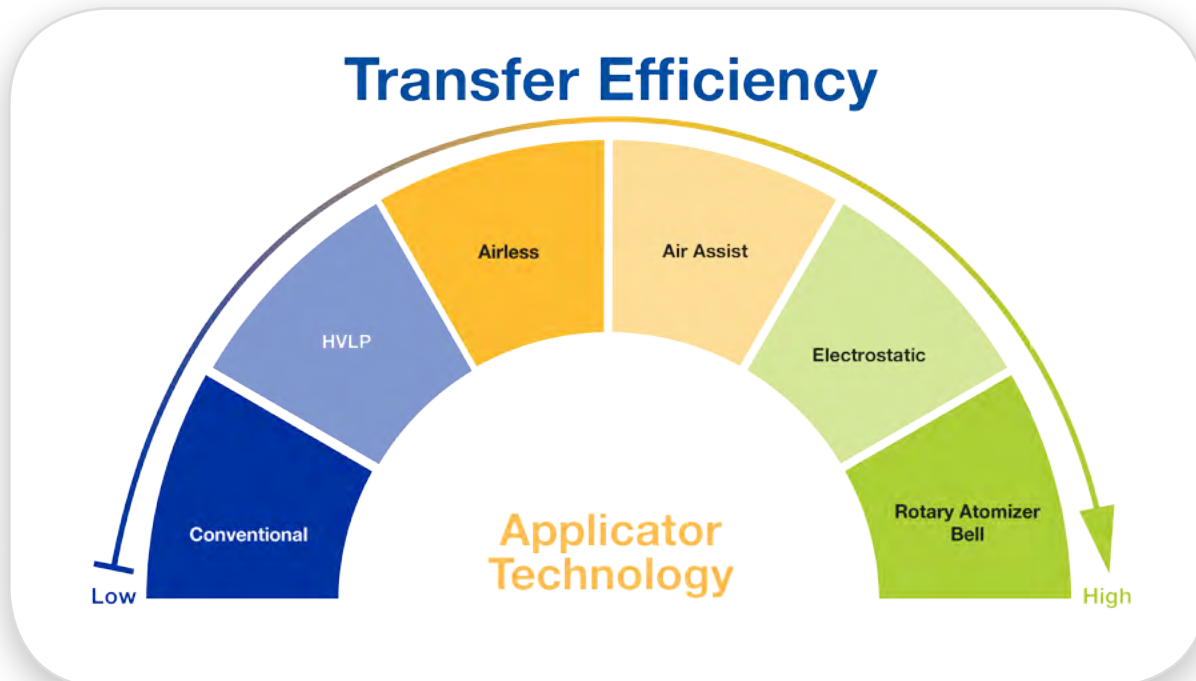
Striving to consistently exceed your expectations, Graco makes it our goal to ensure product quality, deliver products on time and find solutions for your unique applications.

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.

Automatic Conventional Applicators

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.



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.

TE 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

TE 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

TE 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

TE 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



Automatic Electrostatic Applicators

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.



Best ProBell Rotary Bell Atomizer

- 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

TE



Better Pro Xpc Auto Electrostatic Spray Guns

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

TE



Good Pro Xp Auto Electrostatic Spray Guns

- Simple turbine powered electrostatic generator is easy to use & install
- Proven electrostatic spray performance in both air spray and air-assisted technologies

TE



Automatic Metering and Mixing

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

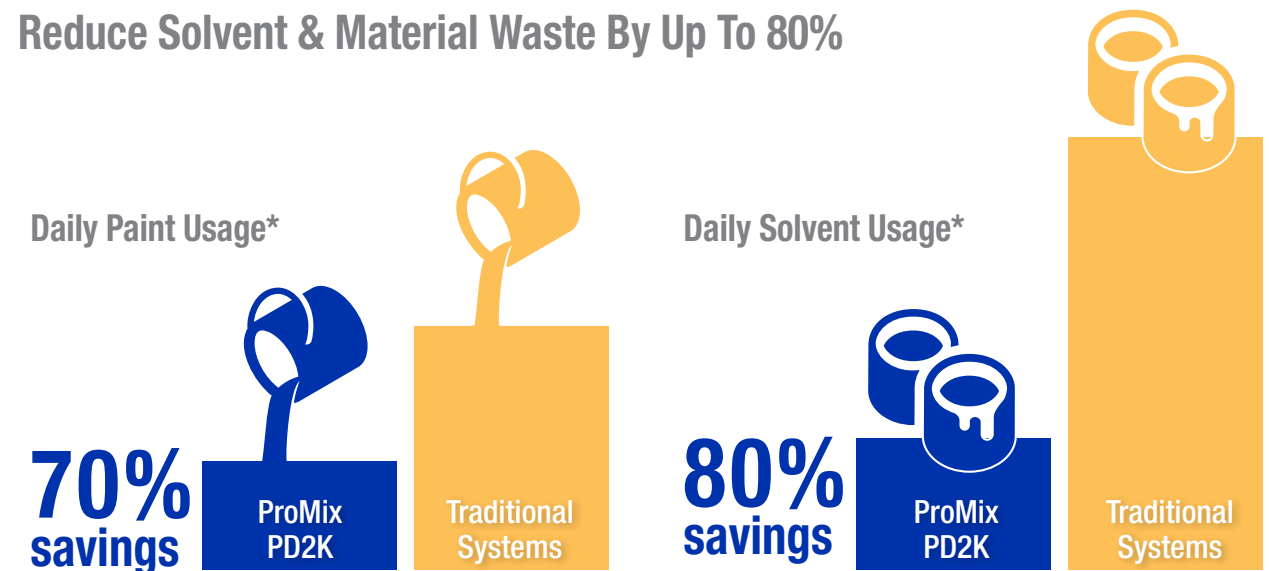


ProMix PD2K Auto Positive Displacement Dosing System

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%



**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

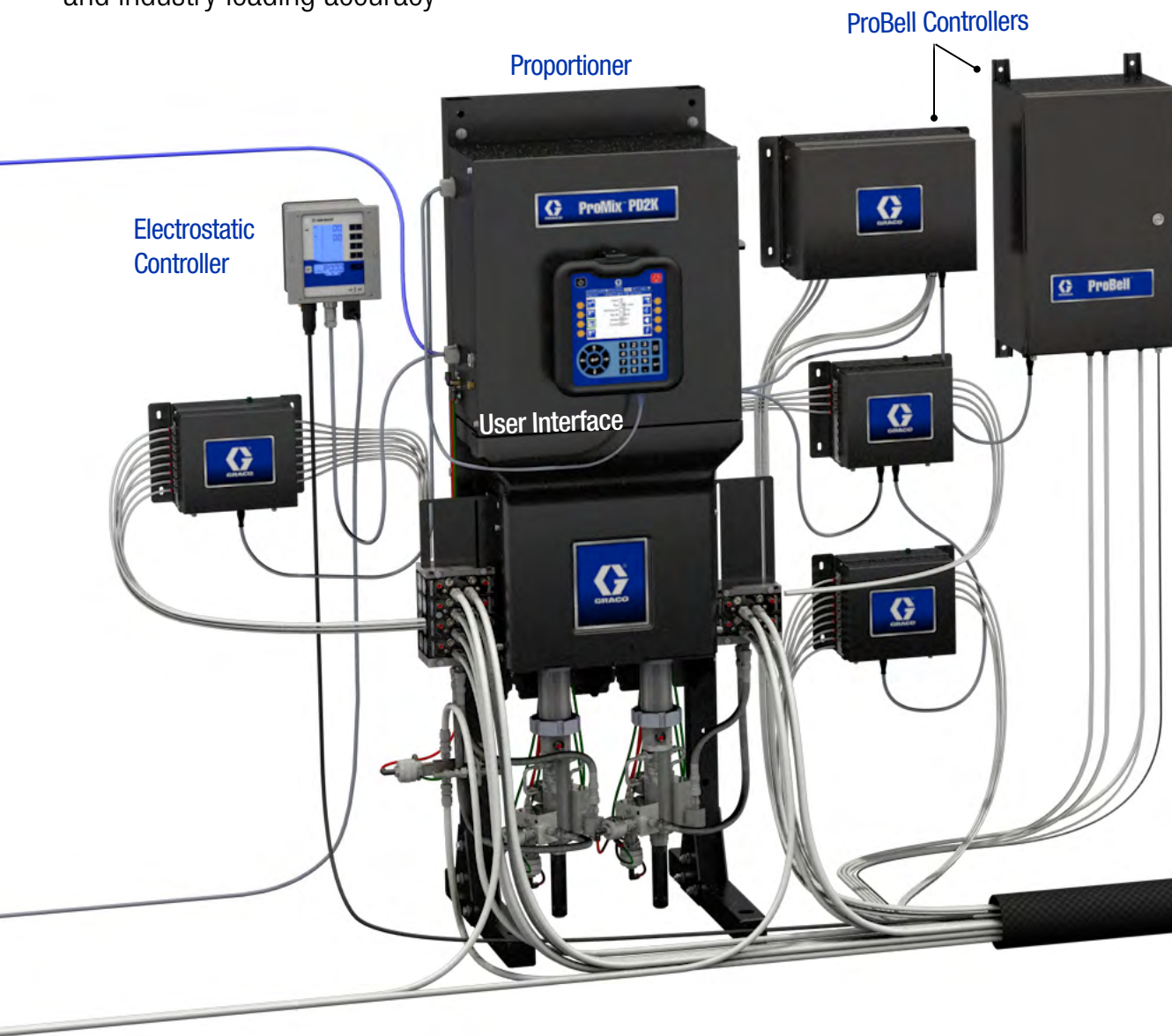
This meter based dosing system utilizes high quality gear meters and dosing valves to accurately meter and mix fluids on-demand with accurate ratios. ProMix 2KS Auto also has an optional closed-loop flow control system to maintain consistent flow rates.

- 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



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



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

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



ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

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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Call today for product information or to request a demonstration.

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