ELECTRIFICATION FOR A SMARTER INDUSTRY

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WE'RE ALL ABOUT EXPERIENCE.

WHY ELECTRIC?

For years, the industry standard in workshops has been pneumatically operated pumps. In this day and age, compressed air is inefficient and costly to run. Moreover, in most manufacturing sites, there is never enough compressed air to run everything. Graco's innovation is electrification. Across our range, we now have numerous pumps with high flow rates, high pressures, two-ball, priming piston pumps that are electric and can be used in hazardous areas, meeting Class One Zone One environment standards.

So, when you are looking for an upgrade in your factory, why not consider electric pumps? They are better for the environment and cheaper to run. Whether you are in need of a pump for high flow, high pressure stainless or carbon steel, non-hazardous or hazardous locations, or low to high viscosity applications, Graco has a pump for you. Why not call and discuss your needs?

- LOW NOISE
- ENERGY SAVING
- LOW MAINTENANCE COSTS
- INTELLIGENT DISTRIBUTION, LESS WEAR ON PUMP
- IMPROVED PUMP SPEED AND PRESSURE CONTROL, LESS WEAR ON ANCILLARY COMPONENTS
- IMPROVE THE WORK ENVIRONMENT
- PREVENT DOWNTIME
- REMOVES REQUIREMENT FOR COMPRESSORS AND AIR STORAGE ON SITE
- SAFER: ELIMINATES COMPRESSED AIR RISKS

FIND THE PUMP THAT WORKS FOR YOU

ALL-PUMPS ARE DESIGNED FOR INDUSTRIAL APPLICATIONS, CATERING TO VARIOUS INDUSTRIES INCLUDING SEALANTS AND ADHESIVES, GREASE AND OILS, PAINTS, CHEMICALS AND RESINS.

E-FLO SP	High viscosity materials that need a priming piston pump to move, low flow, high pressure
E-FLO DCI	Two ball pump technology to move low viscosity material in industrial applications, high flow, high pressure
QUANTM	Double diaphragm pump able to move a large volume of material for many different applications, low pressure, high flow rates

E-FLO™ SP
ELECTRIC PUMP

IMPROVE YOUR PRODUCTIVITY AND THROUGHPUT

The E-Flo SP provides the ability to impact process performance through a tighter control of the pump pressure and material flow rate. With real-time flow control strategies, systems can be designed and controlled to deliver only the energy that is required for the application process.
In addition to drastically increasing efficiency, these advanced control strategies also optimize process performance, reduce system downtime, and decrease total operating costs.

QUIET ELECTRIC MOTOR

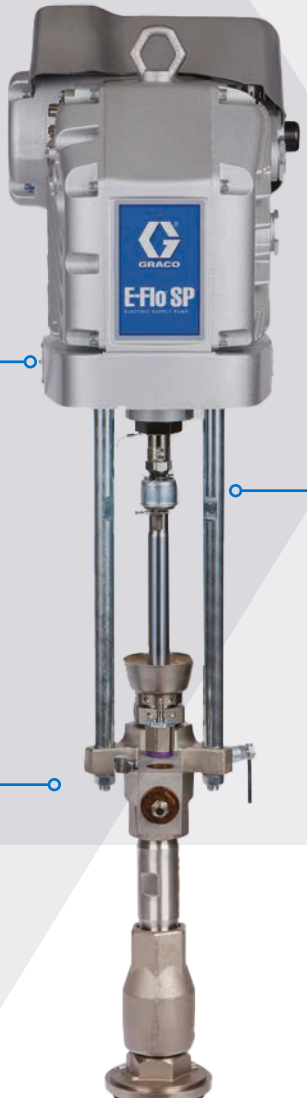
- Reduced noise levels

HIGH POWER ELECTRIC DRIVE

- High Cycle Rate
- Improved Control
- No Icing

EASY TO MAINTAIN

- Improved serviceability with fewer parts, faster repairs, and lower ownership costs



IMPROVED CONTROL

- Accurately control system pressure and flow rate
- Integrate with PLC and robot controllers
- Local or remote commissioning, control and monitoring

PLUG AND PLAY

- Available with Check-Mate® or Dura-Flo® lowers
- Volumes from 100 – 500 cc
- Delivers fluid pressures up to 6000 psi
- Available as stand-alone pump in 20L, 30L, 60L or 200L Supply System (RAM) or 300 Gallon or 1000L UniDrum

E-FLO DCI

EXPERIENCE MORE WITH LESS

Compared to pneumatic pumps or other electric pumps, the Graco E-Flo DCi offers:

- More power and efficiency in a smaller footprint that takes up less space
- More reliability and ease of use with less parts to maintain
- More intelligence with less hardware to communicate important data

E-Flo DCi electric pumps continue to set industry standards for high reliability, low maintenance and energy conservation.

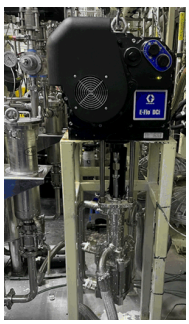
PUMP LOWERS

Modular pump lowers allow you to easily:

- Install the right size and construction for your liquid finishing application.
- Access and service parts without slowing down production.

4-Ball Circulation

- 750 cc to 4000 cc configurations meet every flow application.
- Sealed from outside conditions, the 4-ball lower needs little to no maintenance.
- Durable ceramic Ultralife® coatings extend pump life.
- Chrome cylinders or silicone nitrile (SiNi) checks are available for special applications.



2-Ball Supply

- 145 cc to 1000 cc lowers achieve 6:1 to 46:1 equivalent pressure ratios.

NO AIR CONSUMPTION MEANS NO ICING

Icing is a problem inherent to all air motors. Since electric motors do not use compressed air, they do not ice. Icing occurs when moisture in the air supply lines condenses and freezes on the pneumatic air controls. If the accumulated ice melts into material containers, it can cause contamination issues. If the melting ice drips on the factory floor, it becomes a safety hazard. Icing never occurs on electric pumps like the E-Flo DCi. This means that paint mix room operators and maintenance staff do not need to worry about contamination or safety issues caused by air motor icing.

QUANTM™
ELECTRIC PUMP

SAVE ENERGY, CUT COSTS AND RUN CLEANER

QUANTM isn't just another electric pump: it's a game-changer. QUANTM features a revolutionary electric motor design that will reduce operational costs and keep your production lines running. It is a perfect fit for nearly any fluid application and a drop-in replacement for existing pumping technologies. Protect your bottom line by converting to a QUANTM Electric Pump.

EFFICIENT ELECTRIC DRIVE

- Up to 80% less energy consumption
- Requires no compressed air
- No freezing

INTEGRATED CONTROLS

- Control flow and pressure at the pump
- I/O for remote operation

PROVEN AODD BENEFITS

- Stalls under pressure
- Self-priming
- Dry running
- Handles solids and abrasive materials

PLUG AND PLAY

- Factory wired for quick install
- 240V
- Hazardous Location models available

THE POWER YOU EXPECT

THE SIMPLICITY WILL SURPRISE YOU

The industry of tomorrow isn't expensive, hard-to-learn, and a burden on your team. It's smart, simple, cost-effective, clean and environmentally responsible. We designed QUANTM to be quieter, lighter, more reliable, and easier for anyone in your team to maintain. QUANTM isn't one small step toward a better facility — it's a leap into the future.

SUSTAINABLE OPERATIONS

OPERATIONAL RESILIENCE

COST SAVINGS

SIMPLIFIED MAINTENANCE

Model	QUANTM i30 (1")	QUANTM i80 (1.5")	QUANTM i120 (2")
Material of Construction	Aluminum, Polypropylene, Conductive Polypropylene, Hastelloy, Stainless Steel, PVDF	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, PVDF	Aluminum, Polypropylene, Conductive Polypropylene, Stainless Steel, Cast Iron, PVDF
Pressure	100 psi (7 bar, 0.7 MPa)		60 psi (4.1 bar, 0.41 MPa)
Flow	30 gpm (115 lpm)	80 gpm (300 lpm)	120 gpm (450 lpm)
Voltage	240V single phase		

ALL-PUMPS

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