

# G3™ Electric Lubrication Pump

For Series Progressive and Injector-based Systems



# Versatile Design Helps Solve Today's Lubrication Challenges.



## Why G3 is Better

### Two in One Design Does More!

G3's flexible design works with injector-based and series progressive systems. A cost-effective pump designed to serve multiple markets and applications.

### Options that fit your business

Three controllers to choose from with multiple zone and feedback options. Includes one adjustable pump element—standard, plus room for two more. Multiple reservoir choices and more! The ultimate in flexibility—for a high value, custom fit on your application.

### Built-in Tools To Help you Succeed

Work faster and smarter with Graco's exclusive Data Management System (DMS™). Find out exactly how your lubrication system is performing and how well it's lubricated. Tracks history, provides data protection, upload or download data using a simple USB flash drive.

### World Wide Support with Experienced Professionals

Graco wants to help you become more successful. Our staff of professional engineers, designers, field experts and customer service representatives are at your service. We invite you to call on us to partner in your next project.

*Extend machinery life, reduce operating costs and increase productivity with a Graco G3 today!*

Take a look inside—  
we think you'll like  
what you see

Designed from the inside-out for longer lasting performance and reliability. G3 meets changing temperatures, challenging installation requirements and changing grease types head-on. Graco's newest electric pump delivers high performance results in real world application conditions.



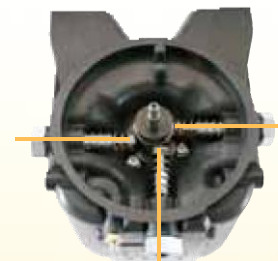
### Advanced Flow Dynamics

Specially contoured base funnels grease directly to the pump inlet to significantly reduce stagnant flow areas where soaps and grease fillers can accumulate.



### Adjustable Stroke Pump

With G3, adjustability comes standard! Eliminate the need to purchase additional fixed output elements or high-priced adjustable elements.



### Load Minimizing Drive

Each G3 piston pump element is offset from the main motor shaft resulting in less stress on the motor and internal components.

# Versatile, Hard-working Pump

## Designed for You to Succeed

### Two Reservoir Types

Stirring paddle with wiper arm to keep material from separating. Follower plate available for extreme angle installations

### Multiple Reservoir Sizes

Choice of 2, 4, 8, 12 or 16 liter U.V. resistant, high-impact reservoirs for oil and grease to meet the needs of your equipment

### Power Choices

Connect to DC (12 or 24v) and AC (90-240v) power sources with CPC or DIN-style connectors for easy, no hassle installations

### Three Pump Elements

G3 comes standard with one adjustable pump element installed—add up to two more for higher output on large projects

### Vent Valve Output

Combine Max controller with a vent valve for injector-based systems

### Multiple Cycle and Pressure Inputs

Mix and match up to three cycle and pressure switches for custom installations and feedback

### Three Controller Options

Choose from Standard, Pro and Max controller options—buy only what you need for your application

### Machine Count Input

Machine count input to manage equipment with unpredictable lubrication requirements



### Data Management System (DMS)

- Simple data transfer to your PC via USB flash drive for further analysis using Excel® or Notepad®
- Provides performance history for lube system events, such as cycle detection, error logs and allows a quick check of lubrication performance to meet your system requirements
- Preferred lube cycle program can be stored and transferred to other G3 pumps in your fleet for quick and accurate repeatability
- Provides you the comfort and security in knowing your pump is being properly maintained and your lube system is protecting your valuable asset

# Control for Your Business

## Standard, Pro and Max

Choose the level of control you need for your series progressive or injector based applications.



### G3 Standard

- No internal controller—use with separate or existing machine control for a low cost solution
- Capable of sending a low level signal to your external controller or PLC



### G3 Pro

- Built-in controller with selectable pump on/pump off timer
- Low level indicator provides low warning and shut-down alarm
- Manual run initiates lube cycle on-demand (remote option also available)
- Password protection safeguards settings
- Pre-lube function can initiate lube cycle on start-up



### G3 Max

- Built-in controller with selectable pump on/pump off timer
- Low level indicator provides low warning and shut-down alarm
- Manual run initiates lube cycle on-demand (remote option also available)
- Password protection safeguards settings
- Pre-lube function can initiate lube cycle on start-up
- Up to three pressure or cycle switch inputs to ensure proper lubrication cycles
- Mix/match cycle and pressure switches for custom installations and feedback
- Machine count input—ideally suited for inconsistently used equipment
- Fault indication to external alarms
- Optional Data Management System™ (DMS)

## Check out the full-featured G3 Max

- 1 Easy-to-read LED display
- 2 Clearly identified pump on/off indication
- 3 Monitoring of up to three independent zones
- 4 Programmable machine count feature
- 5 Alarm signal of lube system shutdown
- 6 Warning signal prior to lube system shutdown
- 7 Low level indication
- 8 Password protected access to control
- 9 Pre-lube capability
- 10 Easy-to-use navigation keys



### Tech Specs

Max Pressure .....5100 psi (352 bar)  
 Power .....12 VDC, 24 VDC, 90-240 VAC  
 Operating Temperature -13 to 158° F (-25 to 70° C)  
 Reservoir Size .....2, 4, 8, 12, or 16 liter  
 Adjustable Pump Output Per Element Per Minute....  
 0.12 in<sup>3</sup>, 0.18 in<sup>3</sup>, 0.25 in<sup>3</sup> (2 cm<sup>3</sup>, 3 cm<sup>3</sup>, 4 cm<sup>3</sup>)  
 Lube Type ..... Oil or Grease, up to NLGI #2  
 Certifications/Ratings .....CE, ETL\*, IP69K  
 \*Conforms to UL 73, certified to CSA 22.2 No. 68-09  
 Instruction Manual ..... 3A0414