



G3™ Electric Lubrication Pump

For Series Progressive and Injector-based Systems



PROVEN QUALITY. LEADING TECHNOLOGY.

Versatile Design, 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

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



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 and more! The ultimate in flexibility—for a high value, custom fit on your application.

Built-in Tools To Help you Succeed

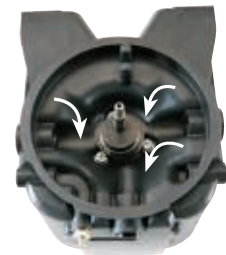
Work faster and smarter with Graco's exclusive Data Management System™ (DMS). Find out exactly how your lubrication system is performing and how well it's lubricated. Tracks history, provides data protection, upload or download data using a simple USB flash drive.

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.

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.



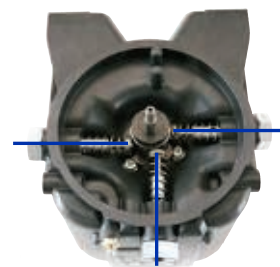
Advanced Flow Dynamics

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.

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
- 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.....	352 bar (5100 psi)
Power	12 VDC, 24 VDC, 90-240 VAC
Operating Temperature	-25 to 70° C (-13 to 158° F)
Reservoir Size.....	2, 4, 8, 12, or 16 liter
Adjustable Pump Output Per Element Per Minute.....	2 cm ³ , 3 cm ³ , 4 cm ³ (0.12 in ³ , 0.18 in ³ , 0.25 in ³)
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

Eliminate Over- or Under-filling with the new Auto-Fill Shutoff feature

Versatile line of G3 Pumps (Standard, Pro, and Max) offered with a factory installed Auto-Fill Shutoff (AFSO). The AFSO feature automatically shuts off lubricant flow from a fill pump to the G3 reservoir once the G3 reservoir is full, eliminating the need to monitor the reservoir level during refilling. The G3 AFSO is based on the same design concept as the Auto-Fill Shutoff offered in conjunction with the robust Electric Dyna-Star product line. Eliminate the need to climb up on equipment to refill an empty reservoir by adding Remote Fill Manifold 77X542 to your system at ground level.



Eliminates Over- or Under-Filling

- Completely fill the reservoir every time while avoiding costly spills
- Does not require power to operate
- Complies with stringent mining regulations where a system must be powered down during fluid refilling
- Compatible with fast-fill-equipped lubrication trucks

Reservoir Full Visual Indication

- Valve Plate activates a poppet valve, which cuts off grease flow into the reservoir
- Poppet indicator can incorporate a signal switch for ground level monitoring



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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All written and visual data contained in this document are based on the latest product information available at the time of publication. Graco reserves the right to make changes at any time without notice.

Graco is certified ISO 9001.



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