

G3™ ELECTRIC LUBRICATION PUMP

For Series Progressive and Injector-based Systems



PROVEN QUALITY. LEADING TECHNOLOGY.

VERSATILE DESIGN HELPS SOLVE TODAY'S LUBRICATION CHALLENGES

Temperature changes, changing grease types and challenging installation requirements are no problem for the G3 electric lubrication pump. With its flexible design, including five reservoir sizes, three controller options, three power types and an adjustable pump element, the G3 is a rugged, cost-effective pump designed to serve multiple markets and applications.

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.

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.

Vent Valve Output

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

Four Controller Options

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



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.

Three Pump Elements

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

Multiple Cycle and Pressure Inputs

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

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



Auto-Fill Shutoff (AFSO)

- Available on G3 Standard, Pro and Max
- 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

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Versatile Design Helps Solve Today's Lubrication Challenges.



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.



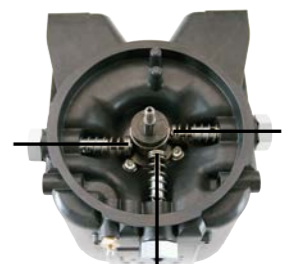
Advanced Flow Dynamics

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.

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!

CONTROL FOR YOUR BUSINESS

Standard, Pro, SP 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 SP

- Simple programming and valuable system feedback
- Low level indicator provides low warning and shut-down alarm
- Only programming requirements are number of cycles and off time between lube events
- 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



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

Technical Specifications

Maximum Working Pressure	5,100 psi (352 bar)
Power	12 VDC, 24 VDC, 90-240 VAC
Operating Temperature	-40 to 158° F (-40 to 70° C) depending on lubricant used
Reservoir Size	2, 4, 8, 12 or 16 liter
Adjustable Pump Output Per Element Per Minute	0.12 in ³ , 0.18 in ³ , 0.25 in ³ (2 cm ³ , 3 cm ³ , 4 cm 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
Instruction Manuals	Standard - 332291 / Pro - 332298 SP - 3A4676 / Max - 332305

IF YOU'RE NOT USING **GRACO G3™** PUMPS, YOU'RE NOT **MAXIMIZING** YOUR **PROFITS.**



Rigorously tested to pass Graco specifications and earn these approvals—we'd love to have yours, too.



OUR BRAND PROMISE TO YOU

Since 1926, **innovation**, **quality** and **A+ Service** have been at the centre of Graco.

Experience Innovation

Our focus on innovation results in products and equipment that lead the industry with technologically-advanced features, pioneering design, high performance and unparalleled reliability. In short, innovation is how you get better products!

Building Quality

You're investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability.



A+ service, every time

You'll see A+ Service in action when you contact any of our support services options no matter where you are in the world. We'll listen to your situation and work methodically to resolve it as quickly as we can. We are guided by a mindset of integrity and a customer service view centred on collaboration and relationships, not transactions.



We're here to answer questions and help address your needs:

www.graco.com/contact

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