



Mining and Heavy Construction Industries

Full Range of Lubrication Equipment

Innovative and Durable Equipment Solutions for Demanding Workplaces



PROVEN QUALITY. LEADING TECHNOLOGY.

All you need in a Lubrication Equipment Supplier

Graco is a leading global manufacturer and supplier of lubrication equipment for numerous markets and applications around the world.

These markets include heavy-duty mining and construction, where equipment is used rigorously every day and is subjected to ongoing harsh working environments. The applications in which the equipment works, demands that the product be very durable and operate trouble-free for many years, giving high performance results with very little downtime.



The products that Graco manufactures and supplies includes:

- Air, hydraulically and electrically operated pumps for dispensing various types of lubricating oils & greases, coolants & anti-freezes, windshield wash and fuels.
- Hose reel devices (spring operated) for various types of lubricating oils & greases, coolants & anti-freezes, windshield wash, fuels, water and compressed air.
- Metering (electronic digital, mechanical) valves and non-metered valves for various types of lubricating oils & greases, coolants & anti-freezes, windshield wash, air, water.
- Air-operated double diaphragm pumps for dispensing various oils (new & used), coolants & anti-freezes, fuel and for de-watering applications.
- Hand operated lubrication equipment, tools and accessories.
- Used oil collection and transfer equipment.
- Fluid management systems
- Full range of automatic lubrication equipment including pumps, controllers, spray devices, injector and divider block assemblies and all related accessories.

Graco supplies all of the extremely heavy-duty lubrication equipment that our valued customers need for their equipment workshops, fuel islands, lube service trucks, on-board machinery applications and for the process plants. These are value-added industrial grade products designed to work efficiently in demanding applications.



Workshops



Fuel Islands



Lube Service Trucks



On-Board Machinery



Process Plants



GRACO Air-, Hydraulic- or Electrical-Operated Pumps



Air-Operated Oil Pump and Packages



Air-Operated Grease Pumps and Packages

No matter what your needs and requirements are, Graco has a solution for you with our wide range of equipment in open cast and underground mining operations.

- Transfer lubricant oils, coolants & anti-freezes, windshield wash from 0 - 1,014 liters (275 gallons) per minute.
- Transfer greases from 0 - 90 kg (200 lbs) per minute
- Transfer lubricants and other service fluids from various sized drums to bulk tanks of many different sizes.
- Mounting configurations for lube service trucks, mobile shops and in-plant.

Looking for more detailed info? See our Lubrication Pumps brochure 340673



NXT™ Pumps and Packages



AODD Pumps and Packages



GRACO Spring-Operated Hose Reels

Demanding mining and construction workplaces need tough equipment where only the most durable products can thrive and survive! Graco hose reels lead the way with a broad range of product offering to fit virtually every need.

- Single-arm and dual-arm models to choose from depending on the application and budget.
- Hose reels for lubricating oils & greases, coolants & antifreezes, diesel fuel, windshield wash, compressed air, water and high pressure washing applications.
- Mount on lube truck bases, workshop or plants ceilings or walls.
- Capacity to handle 0-23 meters (75 feet) depending on the model and application.
- Capability to handle ¼ in id-1 ½ in id depending on the model and application.

Looking for more detailed info? See our Hose Reel brochure 340309



SD Hose Reels



XD Hose Reels



XD 30 Hose Reels



700 Series Hose Reels



750 Series Hose Reels



GRACO Metered- and Non-Metered Dispense Valves



SDM5



SDM15



Accu-Shot™



SDV15



XDV20

When durable use is a requirement in a dispensing valve, either metered or non-metered, then Graco products are a clear choice. Designed to work in lube trucks, workshops and in-plant, Graco's dispensing meters are built to last and give many years of problem free duty.

- Standard and high flow capabilities in individual meters and valves. 0-53 liters (14 gallons) per minute flow of lubricating fluid oils and coolants.
- Operating range 0-105 bar (1500 psi) depending on model for fluid lubricating oils.
- Electronic digital or mechanical style options depending on model.
- ½ in npt and ¾ npt thread options depending on the model.
- Standard or preset amount options depending on the model.

Looking for more detailed info? See our Dispense Meters & Valves brochure 339747 or our Mechanical Meters Leaflet 320484



GRACO Fluid Management Systems

Track fluid usage and properly record dispenses, fluids dispensed, and dispenses by technician. Also, get comprehensive reporting on what machines received the oils and coolants. Reduce human error and inventory shortage issues and post dispenses to a work order. Matrix fluid management systems help control fluid lubricant and coolant inventories and give a management tool in reporting that can be used for many different applications. Dispensing time is also significantly reduced with Graco's higher flow dispense valves.

- Matrix fluid management systems are software and RF based.
- Dispense capability from 0-53 liters (14 gallons) per minute.
- Operates at 105 bar (1500 psi) pressures.
- Handles all motor, gear, transmission, hydraulic oils and engine coolants & anti-freezes.
- Tank monitoring capability
- Air pump shut off control
- Almost unlimited capability with 0-1,000 users, 0-300 dispense meters, 0-50 tank monitors and 300 client PCs networking possible per site depending on software and options in components chosen.

Looking for more detailed info? See our Matrix brochure 300599



Matrix™ Meter



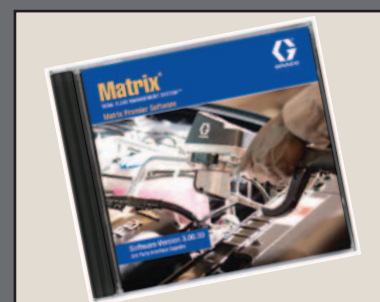
Transceiver



Tank Level Monitor



PAC



Software CD-rom



GRACO Automatic Lubrication Systems



DynaStar™ 10:1
with reservoir



Fire-Ball™ Pump Package
with reservoir



G3™



GLC 4400



GL-1 Injectors

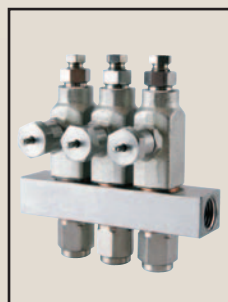
Mining and construction equipment is faced with ongoing potential wear and tear situations with exposure to constant contamination from rocks and sand, as well as from heavy workloads. It is essential that all critical moving parts get properly lubricated throughout the working shifts, so to increase the uptime of production machinery both stationary and mobile. Graco manufactures and supplies automatic lubrication equipment components to work on many types of machines such as haulers, dumps, shovels, draglines, crushers, conveyors, ball mills, shakers and screens as examples.

- Select from preferred technologies such as single line parallel systems (injectors) or series type systems (divider blocks).
- Choose from air-operated, hydraulic operated and electric-operated technologies in the pump, the heart of every lubrication system.
- Lubricate various types of bearings; gears (open and encased) and any other moving parts with oil and or grease metered dispensing and spraying capabilities.
- Select from state of the art controller and monitoring options depending on models of pumps and stand-alone controllers.
- Complete and upgrade your automatic lubrication systems from a full offering of accessories from Graco.

Looking for more detailed info? See our Automatic Lubrication Systems brochure 339427



GL-11 Injectors



GL-32 Injectors



MSP Divider Valves

GRACO Related Products and Accessories

Graco offers a full compliment of related products and accessories for your mining or construction workshop as well as in the plant. Choose from genuine Graco components that keep your lubrication systems complete and in the best optimum shape.

These products and components include:

- Airline equipment (air regulators, filters, lubricators).
- Oil and grease filtration (Cleanline and Red Alert versions).
- Used oil recovery receivers such as the “Big Hauler”.
- Hand operated pumps, handguns.
- Electric Transfer Pumps

Looking for more detailed info? See our GTP - Apex™ brochure 300671



Airline Equipment



Oil & Grease Filtration



BuckShot Luber with Booster Gun



Grease Gun Fill Pump



Apex™



GRACO High Quality Lubrication Solutions



Graco offers a complete line of money-saving lubrication systems for all types of equipment.

Agricultural Equipment

Bottling Operations

Beverage Production

Cement Production

Construction Equipment

Food Processing

Forestry & Lumber

Gas Compression

Injection Molding

Machine Tools

Material Handling

Military Equipment

Mining Equipment

Off-Road Equipment

On-Road Equipment

Packaging

Power Generation

Primary Metals Manufacturing

Printing Press

Pulp & Paper

Stamping Presses

And more...





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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Graco is certified ISO 9001.

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