



Oil & Natural Gas

World Leader in Fluid Handling Solutions



PROVEN QUALITY. LEADING TECHNOLOGY.

OUR STORY

Graco Inc. was established in 1926 and today is a world leader in fluid handling solutions. While the company has delivered technology and reliable equipment solutions to the Oil & Natural Gas market for decades, in 2014 it decided to create a dedicated business unit focussed on meeting the specific equipment requirements of this dynamic customer base. As a part of those efforts, the company recently acquired two well respected Oil & Natural Gas equipment manufacturers, Alco Valves Group and High Pressure Equipment Company, to augment its growing portfolio of products designed specifically to meet the exacting needs of this industry.

The company's success is built on its unwavering commitment to technical excellence, world-class manufacturing, and unparalleled customer service. Graco invests heavily in Research and Development, often at several times the rate of its peers, to develop cutting edge technologies that serve the markets of today while preparing for the needs of tomorrow. Graco's new line of chemical injection pumps for the Oil & Natural Gas market is just one of the outcomes of this aggressive investment in technology, come talk to us about what's next. Graco Inc. Proven Quality. Leading Technology.



1926

Russell Gray invents an air-powered, portable lubricator; Gray Company is incorporated.



1941

Gray Company develops the Convoy Luber trailer-mounted lube system for World War II.



1955

Fire-Ball™ high pressure lube pump with topper was introduced.



1958

Gray Company introduces Hydra-Spray® – the first airless paint spray unit and paint spray gun.



1965

Hydra-Cat® – Graco's first plural component spraying unit spraying foam insulation.



1983

Graco introduces the PRO™ 4000 electrostatic spray gun, featuring an electrostatic cartridge.

PROVEN QUALITY. LEADING TECHNOLOGY.

- Founded in 1926
- World leader in fluid handling technologies
- Headquartered in Minneapolis, MN USA
- Publicly Traded, NYSE: GGG
- More than 3,000 employees
- Global, with major distribution centers in the USA, Belgium, Japan, Korea, China, and Australia
- USA based manufacturing, engineering, and product support
- Leading technology development, Graco holds more than 2,000 patents



1988

Husky™ 716 all plastic diaphragm pump is released for fluid transfer applications..



2002

Graco introduces its first Reactor® Proportioner for applying 2-component foams, polyurea and epoxies.



2010

Graco introduces the G3™ Electric Grease Pump with industry changing capabilities.



2012

Graco introduces the XM™ PFP to apply epoxy passive fire protection coatings to protect steel from hydrocarbon fires.



2014

Oil and Natural Gas Division established to meet customer demands. Graco acquires the Alco Valves Group.



2015

Graco acquires High Pressure Equipment (HIP) company.



CHEMICAL INJECTION

Graco Solutions

To meet the ongoing challenges of transferring chemicals in harsh and often remote geographies, Graco offers a new product line of solar-powered, electrically operated, and pneumatically operated chemical injection pump and systems for the Oil & Natural Gas market.

To further expand our growing portfolio of products Graco recently acquired two well-known global companies, The Alco Valves Group and High Pressure Equipment Company. Alco Valves is a leading provider of double block and bleed valves, pressure needle valves, gate valves and more. High Pressure Equipment Company provides a range of valves and other components capable of operating at up to 150,000 psi, from the subsea to remote terrains.

Benefits Provided:

Reliable

Dispense and monitor the large variety of production chemicals that are used in Oil and Gas upstream and midstream applications in the most demanding and remote applications. Attention to design and materials used in the products will yield years of production life.

Durable

Heavy duty design utilizing the correct materials in the design of the products can allow the pumps to empty numerous bulk chemical and drums for years without failure. Low cost of ownership and great value.

Efficient

Pumps are available in solar operated, electrically operated and pneumatically operated platforms. Various fluid plunger and motor size combinations will give hundreds of volume and pressure output combinations to meet most needs.

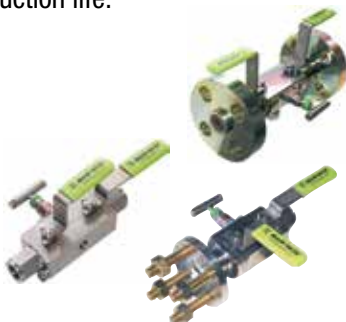
Environmentally Friendly

Solar platform packages run off energy from the sun with no harmful exhaust of gases to the atmosphere.



HiP Valves and Components

High pressure valves, fittings, tubing up to 150,000 psi, hydraulic intensifiers and gas booster pumps



Alco Valves

Specialized valves including double block bleed, globe, needle and ball valves for onshore and offshore oil and gas applications



Solar Pump Package

12VDC pump, solar panel, mounting pole, mounting base, 12 VDC deep cycle battery, battery box, battery monitor, digital controller and accessories.





CORROSION PROTECTION

Graco Solutions

Corrosion is estimated to cost the oil and gas industry roughly \$1.5 billion annually. As a result, proper corrosion protection and preventative maintenance can have a sizable and positive impact on your bottom line.

Whether your corrosion protection needs are for small touch-up and preventative maintenance repairs, complete strip and recoats or for new construction projects, the Graco line up of corrosion protection sprayers can help get the job done correctly, on time, and on budget.

Graco can help you with your single component, fixed ratio plural component, and variable ratio plural component spraying needs. With the capability to handle material up to 100% solids, there is sure to be a Graco corrosion protection sprayer to meet your application requirements.

Benefits Provided:

- Compliance with Safety, Health and Environmental policies
- Reduction in costly and dangerous leaks
- Field Proven Reliability



Devin Myers
Gartner Coatings
Pearland, TX

“It’s hard to believe how much power this XForce HD sprayer has. It can spray just about anything we put into it.”



XForce™ HD
Heavy-Duty, Cordless
Airless Handheld Sprayer



Xtreme® NXT Series
High Performance
Air Operated Sprayers



GH™ 933Es
Big Rig Gas
Hydraulic Sprayers



XP™ Series
Fixed-Ratio Plural
Component Sprayers



XM™ Series
Adjustable Ratio Plural
Component Sprayers





AUTOMATIC LUBRICATION

Graco Solutions

From drilling and completions to refining and transmission, Graco automatic lubrication systems deliver benefit-driven solutions that save you time and money. Perfect for challenging, hazardous and harsh operating conditions found in the oil and gas industry – all with a history of field-proven dependability you can count on to keep your equipment running.

Benefits Provided:

Consistent Performance

Continually monitored on-site lubrication regardless of length of operational schedules – 24 hours a day, 7 days a week, Graco can lube it.

Equipment Cost-Savings

Protect your equipment from contamination, over or under lubrication and mechanical failure caused by improper lubrication.

Predictable Maintenance

Allows longer time between scheduled maintenance to keep your equipment working on the site.



Use Graco Lubrication Solutions for:

- Beam Pumps/Pump Jacks
- Cement Units
- Coiled Tubing
- Compressors
- Hot-shot Trucking
- Injector Heads
- Pressure Pumping
- Rig Mobilization
- Slickline
- Stuffing-box
- Wireline
- Workover Rigs



Dyna-Star™ & GL-1™ Injectors
High ratio hydraulically-powered lubrication pump and field adjustable injectors



G3®, E-Series™ Pumps & MSP, USP Valves
Graco pumps and series progressive blocks offer time-tested, field proven dependability



MBL, GBL 7500 Pumps & MHH Valves
Compressor lubrication pumps and components tested tough for continuous-duty use



Controllers & Accessories
User-friendly features like visual and audible feedback protect your equipment from lube event failure





FOAM and POLYUREA SYSTEMS

Graco Solutions

Whether your applications call for spraying foam ditch pillows, adding foam insulation to storage tanks or spraying Polyurea as a secondary containment system, Graco has the right proportioning equipment to help you complete the job correctly and reliably.

The Graco Reactor® Series of proportioners are engineered to process and spray polyurethane foam and polyurea coatings with ease. With integrated hybrid heaters and heated hose your materials will be conditioned to the right viscosity prior to being mixed and applied.

With integrated controls that continuously monitor your equipment's performance, you will be alerted of any trouble before it impacts the quality of your job.



Benefits Provided:

- Durable, industry proven designs stand up to challenging environments
- Digital heat and pressure controls ensure proper chemical mix
- Adjustable pressure imbalance for customized ratio error detection
- Both electric and hydraulic machines to meet all your application needs



Electric Series – Reactor Proportioning Systems

Preferred choice for medium- to high-output foam or coatings applications



Hydraulic Series – Reactor Proportioning Systems

Utilizes a horizontal pump line for longest life and highest outputs for high-production professionals



Integrated Series – Reactor Proportioning Systems

Combines an electric Reactor and a diesel generator into one package utilizing our latest controls which tracks and saves project spray data





CLEANING SOLUTIONS

Graco Solutions

Safety is a top priority for the oil and gas industry and because Graco's Hydra-Clean® Pressure Washers are air-operated they're ideal for hazardous locations.

For those applications where cold water just won't cut it, look to Graco's G-Force™ line for self-contained hot water solutions.

Whether you need to clean oil rigs, tank farms, chemical plants or heavy equipment, our pressure washers offer a quick, easy and efficient method for your toughest environments.

Graco pressure washers are designed to outperform and outlast other pressure washers in their class, and are backed by Graco's reputation for durable and reliable products.

Benefits Provided:

- Faster cleaning with wall and cart mount packages which support multiple guns
- Maximum cleaning power with units available up to 4500 psi (310 bar) with flow rates up to 9.2 gpm (34.8 lpm)
- For high pressure cleaning with water, detergent or chemical solutions up to 200°F (93°C)
- 300 Series stainless steel lower is designed to be compatible with a variety of extreme chemicals



Hydra-Clean

Wall Mount Air-Operated Pressure Washer



Hydra-Clean

Cart Mount Air-Operated Pressure Washer



G-Force 3540 GHW

Self Contained Hot Water Pressure Washer





PROCESS PUMPING

Graco Solutions

For harsh environments you need equipment that's durable and reliable, that's why you choose Graco.

We offer a wide range of process pumps designed to save you time, money and keep your operation running 24/7. Our intrinsically safe pneumatic pumps can handle a wide range of applications including corrosive chemicals and abrasive slurries. From fluid transfer to fluid metering, Graco process pumps help you get your job done right every time.

Husky® Double Diaphragm Pumps:

- Available in 1/4 inch (6.3 mm) to 3 inch (76.2 mm) sizes
- Flow rates up to 300 gpm (1,135 lpm)
- Stall-free, low pulsation air valve provides a smooth and rapid changeover

EP Series Hose Pumps:

- One hose compression per revolution extends hose life
- Inexpensive to maintain – no valves, seals or glands
- Pumps are reversible and can be used to empty lines or clear blockages

Fast-Flo® 1:1 Air Operated Piston Transfer Pumps:

- Flow rates up to 5 gpm (18.9 lpm)
- Immersed inlet for faster priming of heavier fluids
- Air-powered for high reliability and low cost



Husky Diaphragm Pumps

Positive Displacement Air-Operated Double Diaphragm Pumps for Fluid Transfer



EP Series Hose Pumps

Peristaltic Hose Pumps for Industrial Metering and Transfer



Fast-Flo 1:1 Pumps

Air-Operated Piston Transfer Pumps for Lower Viscosity Fluids





PASSIVE FIRE PROTECTION

Graco Solutions

Protecting lives, assets and steel is serious business. Graco's Passive Fire Protection (PFP) sprayers give you the ability to complete the toughest epoxy intumescent applications without compromising quality.

Graco technology allows you to handle material ratios up to 10:1 with ratio control to within +/- 5%. Simple, intuitive operator controls take out the guesswork, and virtually eliminate the costly and difficult task of removing materials that are improperly proportioned.

With a product lineup that includes both small job and large project solutions, Graco is sure to have a PFP solution to fit your application and budget requirements.

Benefits Provided:

- Proven ability to achieve precise ratios with epoxy intumescent coatings
- Exclusive data reporting technology, giving you both confidence and proof that your jobs have been completed correctly
- Protection for your most important assets with assurance of a safe and reliable PFP coating



XM PFP Plural-Component Sprayer

For large projects and new construction PFP epoxy spraying



Xtreme PFP Single-Component Sprayer

Ideal for spraying hot-potted PFP epoxies on small jobs.





MAINTENANCE LUBRICATION

Graco Solutions

Engineered solutions from Graco keep you moving. We work to help your business operate more efficiently, like automatic e-mails to your fluid service vendors, and new designs with improved flow for faster fill rates. What's more, Graco products can take a beating so you don't miss a beat.

Plus, we stand behind our products with industry-leading warranties, outstanding customer support and worldwide distribution, so no matter where you are we're right there with you.

Benefits Provided:

Long Lasting and Reliable

Quality built and tested to outperform in challenging environments so your equipment is ready when you need it to work.



Efficient

Whether its accounting for every drop of fluid dispensed, increasing flow rates or using less energy on the job, Graco has an efficient solution for your problem. We work to save you time and operating costs so your business can make more profit.

Works Where You Live

Tested to comply with safety and environmental policies to earn approvals such as U.L., E.T.L. and CE.

Use Graco Lubrication Solutions for:

- Bulk Fluid Dispense
- Bulk Fluid Transfer
- Fluid Management
- Fuel Dispense
- Hose Management
- Lube Trucks
- Lube Skids
- Maintenance Facilities
- On-site Vehicle Service
- Tote Dispense Systems



Matrix® Fluid Management System

Account for fluids on your site or shop by vehicle or technician number. Get alerts for refill and restock



Dispense and Transfer Pumps

Dependable field-proven pump performance for dispense or transfer



Meters and Valves

High-flow dispense options and accessories to keep you working efficiently



Hose and Cord Reels

Save time with fast fills and shine a light on your work with durable solutions made for rugged environments





ABOUT GRACO

PROVEN QUALITY. LEADING TECHNOLOGY.

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.

GRACO LOCATIONS

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Graco Inc. is registered to I.S. EN ISO 9001

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