



PUMPS FOR PETROLEUM APPLICATIONS

A complete line of pumps specifically designed for pumping clean, non-abrasive petroleum products.



PROVIDING QUALITY PUMPING EQUIPMENT FOR OVER 80 YEARS



A History of Solving Customer Challenges

In 1933, Gorman-Rupp developed its first self-priming centrifugal pump to provide our customers with a durable, reliable pump that could perform in a challenging environment. Since then, we've worked closely with our customers around the world to meet all of their fluid transfer needs.

With over a million Gorman-Rupp pumps and pump stations installed to date, we have the experience needed to intimately understand petroleum pumping requirements. Our worldwide network of distributors has experienced industry professionals on staff, giving us firsthand knowledge of your most pressing challenges.

We help you solve these challenges and make the most of your limited resources by designing our pumps, and stations, to deliver decades of trouble-free performance. When you choose Gorman-Rupp for your petroleum pumping applications, you'll experience some of the lowest lifecycle costs in the industry and benefit from minimal service interruptions. And you'll enjoy one of the highest customer satisfaction ratings in the industry—guaranteed.



State-of-the-Art Equipment Built in State-of-the-Art Facilities

As the world's leading manufacturer of pumps and pumping systems, Gorman-Rupp offers you access to one of the largest and highest quality lines of petroleum pumps available in the market place today.

We maintain close to one million square feet of the most modern manufacturing, testing and warehousing facilities in the world. Our experienced engineers take advantage of the latest technologies and innovations to custom-design, manufacture and assemble our products.

We perform rigorous testing based on Hydraulic Institute Standards and test to customers' actual operating conditions in our one-of-a-kind testing facility, guaranteeing innovative, superior-quality products that are ready to tackle your toughest jobs.

To ensure you get the right equipment for your requirements, Gorman-Rupp partners with a worldwide network of distribution and provides them with the best and most extensive training. Gorman-Rupp distributors will work hand in hand with you to recommend, customize and specify equipment. And they are always available should you ever require service assistance.



OUR PETROLEUM PRODUCTS INCLUDE:

Self-Priming Centrifugal Pumps

Gorman-Rupp self-priming centrifugal pumps are easy to install and easy to service. Because they're self-priming, they can be mounted high and dry at floor level, with only the suction line in the liquid. If service or maintenance is required it can be completed quickly and easily. There are no long drive shafts to install and align. And, there is never a need for service personnel to enter the sump. Pumps are available as basic units for connection to your power source or may be close-coupled or engine driven.

Standard Centrifugal Pumps

Gorman-Rupp offers a variety of high volume, high pressure centrifugal pumps. They have few moving parts, so maintenance and service are minimal. Gorman-Rupp centrifugal pumps are engineered for maximum operating performance and minimal energy consumption. These pumps are used in hundreds of applications where petroleum based products must be handled safely and efficiently.

Rotary Gear Pumps

Gorman-Rupp positive displacement rotary gear pumps are versatile enough to handle a wide variety of pumping applications, liquids, viscosities and temperatures. They are available in a variety of drive arrangements, including close-coupled, flex-coupled, gear reducer and v-belt drive.

OTS Pumps

Gorman-Rupp OTS pumps are a complete line of self-priming, standard centrifugal, diaphragm, submersible, mag drive, peristaltic, bellows, rotary gear and piston models. Drive options include engine-driven, electric motor-driven or submersible configurations. From high pressure to medium head, solids-handling to clear fluids, Gorman-Rupp has the right pump for the job.

Applications

- Bulk Plants
- Tank Farms
- Barges
- Tank Cars or Trucks
- Aircraft Fuels
- Gasoline
- Fuel Oil
- Ethanol
- Biodiesel
- Petrochemicals
- Solvents

INDUSTRY-LEADING SUPPORT AND WARRANTY

Gorman-Rupp delivers reliable, long-lasting equipment to maximize your ROI and reduce your requirements for service.



Gorman-Rupp stands behind the quality of our petroleum pumps to ensure they meet your requirements for the long haul. To maintain industry-leading client satisfaction well beyond product installation, we offer a variety of services to meet your needs, including:

Training

We provide in-depth training seminars for service personnel in our one-of-a-kind training facility. You'll learn about our products, technologies and how to service your equipment.

Service

Because our equipment is designed for minimum maintenance and ease of service, it's simple and cost-effective for you to self-service Gorman-Rupp pumps. Only minimal resources are required to keep our pumps and pump packages operating at peak performance.

Our worldwide distribution network is available for service questions and support as well as warranty work. Should you wish to outsource service, our distribution network can provide ongoing service for your pump and/or pump package.

Fast Parts Service

When you need a replacement part for any of our products, you'll have it fast. With the largest parts and pump inventory in the industry at our disposal, we fill and ship most parts orders within 24 hours.

Industry-Leading Warranty

The warranties on Gorman-Rupp products are some of the best in the industry. Because of our quality manufacturing processes and our rigorous product testing, we have confidence in the quality of our products. Thanks to our warranties, you can too. Gorman-Rupp has you covered with warranties up to 12-months. Visit www.GRpumps.com/warranty for specific warranty information.

GORMAN-RUPP PUMPS: THE LONGEST LASTING PUMPS IN THE BUSINESS

Roto-Prime® self-priming centrifugal pumps are specifically designed for pumping petroleum products, petrochemicals, solvents, biofuels and today's fuel formulations. The Roto-Prime design incorporates a variable capacity vane pump which quickly and automatically evacuates air and vapor, making them ideal for off loading transports and stripping hoses. The optional air release valve evacuates air in the suction line to ensure positive self-priming even when pumping against moderate to high static heads.

Gorman-Rupp O Series® self-priming centrifugal pumps have a straight-in suction design which eliminates entrance restrictions and provides better performance when handling petroleum products, solvents and similar liquids. O Series pumps are available pedestal mounted for flexible coupling to a power source or close-coupled to electric motors.

80 Series® pumps are designed for non-stop workloads. The straight-in suction design of these high-efficiency pumps guarantees quick, positive self-priming and allows them to operate at higher suction levels than most other self-priming centrifugal pumps. Liquid enters directly into the impeller eye and a suction check valve prevents in-line return flow when the pump is shut off. Because 80 Series pumps have few moving parts, maintenance is minimal. 80 Series pumps are available with a variety of self-lubricated mechanical shaft seals.

Close-coupled, electric motor-driven pumps are available for installation where space is limited. The motors on these pumps are explosion proof, making them ideal for handling flammable liquids. The pumps feature a straight-in suction design which allows them to operate at higher suction lifts than most other self-priming centrifugal pumps.



Models pictured on this page are available with alternative gaskets and mechanical seals for a variety of fuel formulations.

Self-Priming Centrifugal Pumps



Roto-Prime®

Size: 3" x 2" to 6" x 5" (75 mm x 50mm to 150mm x 125mm)
Max Capacity: 1400 GPM (88.3 lps)
Max Head: 390' (118.9 m)
Seal Elastomer: Viton®, Teflon®
Material of Construction: Ductile Iron, Cast Steel



O Series®

Size: 2" (50 mm) to 6" (50 mm)
Max Capacity: 1350 GPM (85.2 lps)
Max Head: 400' (121.9 m)
Seal Elastomer: Viton®
Material of Construction: Gray Iron, Aluminum



80 Series®

Size: 1¼" (30 mm) to 8" (200 mm)
Max Capacity: 2100 GPM (132.5 lps)
Max Head: 210' (64.0 m)
Seal Elastomer: Viton®
Material of Construction: Gray Iron (consult factory for other metals available)

Close-Coupled Self-Priming Centrifugal Pumps



O & 80 Series® Close-Coupled

Size: 1¼" (30 mm) to 2" (50 mm)
Max Capacity: 135 GPM (8.5 lps)
Max Head: 210' (64.0 m)
Seal Elastomer: Viton®, Teflon®
Material of Construction: Gray Iron



GORMAN-RUPP EQUIPMENT KEEPS FLUIDS MOVING



Gorman-Rupp portable Shield-A-Spark self-priming centrifugal pumps are the safest approach to handling flammable liquids with an engine-driven pump. The units feature a shielded ignition wire which provides an enclosed path for the high tension spark. The ignition switch is safe and spark-free, and the muffler is designed to retard sparks.

Self-priming centrifugal PTO pumps are ideal for handling aircraft fuels, fuel oil and gasoline. These pumps have no check valve and provide better suction performance when handling solvents, petroleum products and similar liquids. PTO pumps are available with right or left hand rotation, and feature a lightweight aluminum volute and impeller and a replaceable bronze wear ring. The pumps are designed for mounting on trucks and some sizes are available with an integral hydraulic motor.

Gorman-Rupp's Tankleenor™ system provides quick, efficient, economical cleaning of below-ground petroleum storage tanks. The system removes contaminants like gel precipitates, microbial growth, rust and water – without disturbing the product or taking the tank out of service. The Tankleenor features an O Series pump with explosion proof motor, reel and hose assembly, connector hose, suction and discharge hose, guide tube and ground wire.

Shield-A-Spark Engine-Driven Pumps



80 Series® Flammable Liquid-Handling Pumps

Size: 2" (50 mm) to 3" (75 mm)
Max Capacity: 395 GPM (24.9 lps)
Max Head: 140' (42.7 m)
Seal Elastomer: Viton®
Material of Construction: Aluminum
Engines: Gasoline, Diesel

Power Take-Off Pumps



O Series®

Size: 2" (50 mm) to 3" (75 mm)
Max Capacity: 400 GPM (25.2 lps)
Max Head: 440' (134.1 m)
Seal Elastomer: Viton®
Material of Construction: Aluminum, Ductile Iron

Tankleenor™ Self-Priming Petroleum Tank Cleaning System



O Series®

Size: 2" (50 mm) x 2" (50 mm)
Seal Elastomer: Viton®
Material of Construction: Gray Iron

FOCUSING ON THE SPECIALIZED NEEDS OF THE PETROLEUM MARKET

The Gorman-Rupp line of positive displacement rotary gear pumps is designed to provide performance no other pumps can match. G Series™ rotary gear pumps are versatile enough to handle a wide range of products from thin, clear liquids to thick, viscous liquids. These pumps are manufactured with unique features that enable them to perform better and last longer, making Gorman-Rupp gear pumps the premier pump in the petroleum industry. G Series pumps come in a variety of drive arrangements, including close-coupled, flex-coupled, gear reducer and v-belt driven.

Heavy-duty Gorman-Rupp VGH centrifugal pumps are engineered for maximum operating efficiency on a wide range of applications, from clean petroleum fluids to dirty liquids and mild abrasives. The pumps feature a standard ductile iron casing, gray iron impeller with replaceable iron wear rings (optional stainless steel impeller) and a tungsten carbide/silicon carbide cartridge mechanical seal with fluorocarbon elastomers. The pumps are supplied with a heavy-duty oil lubricated bearing pedestal and can be mounted to explosion-proof electric motors as needed.

Gorman-Rupp 60 Series end suction centrifugal pumps are engineered for maximum operating efficiency and minimal energy consumption. The 60 Series is offered in ductile iron or steel casing, with aluminum impellers and Viton® or Teflon® seals for today's fuel formulations. 60 Series pumps can also be mounted to an explosion-proof electric motor.



Models pictured on this page are available with alternative gaskets and mechanical seals for a variety of fuel formulations.

Rotary Gear Pumps



GMS Series Medium Duty

Size: 1" (25 mm) to 6" (150 mm)
Max Capacity: 600 GPM (2270.6 lpm)
Max Pressure: 150 PSI (10.3 bar)
Max Viscosity: 250000 SSU (54000 cSt)
Temp Range: -60° F (-51° C) to 450° F (232° C)



GHS Series Heavy Duty

Size: 1" (25 mm) to 6" (150 mm)
Max Capacity: 600 GPM (2270.6 lpm)
Max Pressure: 300 PSI (20.7 bar)
Max Viscosity: 2000000 SSU (440000 cSt)
Temp Range: -60° F (-51° C) to 675° F (357° C)



GHA Series Extreme Duty / Abrasive

Size: 1.5" (40 mm) to 4" (100 mm)
Max Capacity: 325 GPM (1229.9 lpm)
Max Pressure: 200 PSI (13.8 bar)
Max Viscosity: 250000 SSU (54000 cSt)
Temp Range: -60° F (-51° C) to 500° F (260° C)

End-Suction Standard Centrifugal Pumps



VGH Series®

Size: 1.25" (30 mm) to 8" (200 mm)
Max Capacity: 4900 GPM (309.1 lps)
Max Head: 500' (152.4 m)
Seal Elastomer: Viton®
Material of Construction: Ductile Iron



60 Series®

Size: 2" (50 mm) to 8" (200 mm)
Max Capacity: 1450 GPM (91.5 lps)
Max Head: 390' (118.9 m)
Seal Elastomer: Viton®
Material of Construction: Ductile Iron, Cast Steel

FLUID-HANDLING EQUIPMENT DESIGNED WITH YOUR NEEDS IN MIND



Gorman-Rupp offers the expertise, the facilities, the proven equipment and the industry-leading product support to meet all your petroleum pumping needs. For pumps that deliver maximum value and require minimal service, contact the experts at Gorman-Rupp today.



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