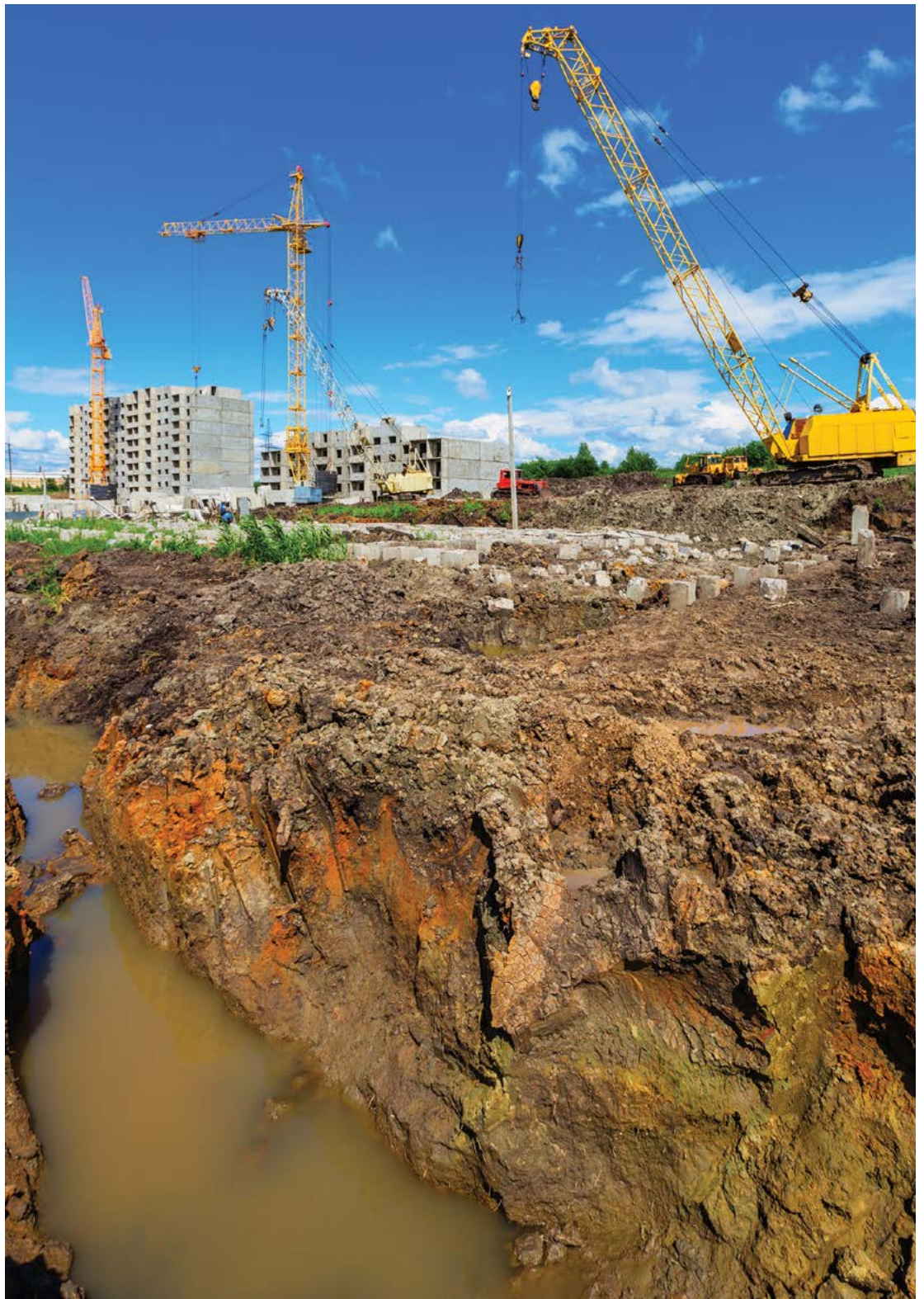




# PUMPS FOR CONSTRUCTION APPLICATIONS

*Heavy-duty contractor pumps that don't come home until the job is done.*



# PROVIDING QUALITY PUMPING EQUIPMENT FOR OVER 80 YEARS



## A History of Solving Construction 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 their solids-handling and clean fluid transfer needs.

With over a million Gorman-Rupp pumps and pump stations installed to date, we have the experience to intimately understand construction and rental 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 to deliver decades of trouble-free performance. When you choose Gorman-Rupp for your construction 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 construction 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 CONSTRUCTION AND RENTAL LINE OF PRODUCTS INCLUDES:



### 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 with only the suction line in the liquid. If service or maintenance is required it can be completed quickly and easily. Pumps are available as basic units for connection to your power source or engine mounted.

### Standard Centrifugal Pumps

Gorman-Rupp offers hundreds of models of high volume, high pressure centrifugal pumps. These high efficiency pumps have few moving parts, so maintenance and service are minimal.

### Priming-Assisted Pumps

Gorman-Rupp Priming-Assisted pumps are the perfect solution for applications where intermittent flow can be a problem. These pumps feature our positive priming system that allows the pumps to run dry continuously without causing damage. The priming system virtually eliminates leaks, reducing environmental concerns and giving the unique capability to operate under flooded-suction staging conditions.

### Submersible Pumps

Gorman-Rupp submersible pumps are designed for efficient operation in both dewatering and solids-handling applications, while remaining out-of-sight, beneath the fluid's surface. Available with both electric and hydraulic-driven motors and including versions rated for standard and hazardous locations, there are models available to meet most pumping requirements.

### Diaphragm Pumps

Gorman-Rupp diaphragm pumps are designed for pumping sludges, slurries and sand-laden water. Pumps are lightweight, portable, and will automatically reprime at 15-foot suction lift. They can run dry without damage, and are offered in motor driven configurations or for use with customer supplied power.

### 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. From high pressure to medium head, solids-handling to clear fluids, Gorman-Rupp has the right pump for the job. Drive options include engine-driven, electric motor-driven or submersible configurations.

### Applications

- Bypass water from dams and rivers to repair or construct dams
- Flood water
- Dust control
- Sewage bypass
- Ditch pumping
- Mining applications
  - Coal strip mines
  - Gold mines
  - Sand and gravel pits
  - Run off from aggregate stock piles
  - Lime stone high walls
- Artificial lake filling
- Bridge work
- Caisson work
- Cofferdams
- Curing cement
- Cities and towns
  - Water departments
  - Street departments
  - River authorities
- Excavations
- Gravel washing
- Hydro-seeding and Fertilizing
- Pipe line construction
- Water supply for rollers, pavers, mixers and water wagons
- Golf course and lawn irrigation
- Washing equipment
- Driving pilings
- Jetting
- Washing off forms
- Log and lumber wetting
- Well pointing
- Oil field mud pits
- Water Transfer
- Fuel Transfer
- Barge ballast equalization
- Hurricane and storm stand-by
- Landfill lagoons
- Hunting lease and wildlife management

# 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 construction 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 your construction/rental operation to perform their own service, and only minimal resources are required to keep our pumps 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.

## 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 60-months. Visit [www.GRpumps.com/warranty](http://www.GRpumps.com/warranty) for specific warranty information.



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

Gorman-Rupp sets the industry standard in heavy duty solids-handling trash pumps for all your construction and rental pumping needs. These pumps feature a removable cover plate that provides easy access to the impeller for inspection or service. Every pump is factory-tested for long lasting, trouble-free use.

## Self-Priming Centrifugal Pumps



**Ultra V Series® Engine Driven**  
Size: 3" (75 mm) to 6" (150 mm)  
Max Capacity: 2050 GPM (129.3 lps)  
Max Head: 175' (53.4 m)  
Max Solids: 3" (76.2 mm)



**10 Series® Engine Driven**  
Size: 2" (50 mm) to 6" (150 mm)  
Max Capacity: 1640 GPM (103.5 lps)  
Max Head: 165' (50.3 m)  
Max Solids: 3" (76.2 mm)



**Super T Series® Engine Driven**  
Size: 4" (100 mm) to 10" (250 mm)  
Max Capacity: 3400 GPM (214.5 lps)  
Max Head: 130' (39.6 m)  
Max Solids: 3" (76.2 mm)



**80 Series® Engine Driven**  
Size: 1.5" (38 mm) to 10" (250 mm)  
Max Capacity: 3200 GPM (201.9 lps)  
Max Head: 210' (64.0 m)  
Max Solids: 2.5" (15.2 mm)



**Super T Series® Silent Pump**  
Size: 6" (150 mm)  
Max Capacity: 1600 GPM (100.9 lps)  
Max Head: 140' (42.7 m)  
Max Solids: 3" (76.2 mm)



**10 Series® Electric Driven**  
Size: 1.5" (38 mm) to 12" (300 mm)  
Max Capacity: 6700 GPM (422.8 lps)  
Max Head: 130' (39.6 m)  
Max Solids: 3" (76.2 mm)

## Priming-Assisted Pumps



**Prime Aire Plus® Engine Driven**  
Size: 3" (75 mm) to 16" (400 mm)  
Max Capacity: 15000 GPM (946.4 lps)  
Max Head: 575' (175.3 m)  
Max Solids: 4" (101.6 mm)



**Prime Aire® Electric Driven**  
Size: 3" (75 mm) to 12" (300 mm)  
Max Capacity: 6200 GPM (391.2 lps)  
Max Head: 110' (33.5 m)  
Max Solids: 3" (76.2 mm)



**Prime Aire Plus® Electric Driven**  
Size: 3" (75 mm) to 16" (400 mm)  
Max Capacity: 15000 GPM (946.4 lps)  
Max Head: 575' (175.3 m)  
Max Solids: 4" (101.6 mm)



**Prime Aire® Silent Pump**  
Size: 4" (100 mm) to 12" (300 mm)  
Max Capacity: 6200 GPM (391.2 lps)  
Max Head: 195' (59.4 m)  
Max Solids: 3.25" (82.6 mm)



**Prime Aire® Engine Driven**  
Size: 3" (75 mm) to 12" (300 mm)  
Max Capacity: 6320 GPM (398.7 lps)  
Max Head: 420' (128.0 m)  
Max Solids: 3.25" (82.6 mm)

# FROM SOLIDS LADEN LIQUIDS TO CLEAN WATER, GORMAN-RUPP EQUIPMENT KEEPS FLUIDS MOVING



You'll find us in the most demanding construction environments. Whether dewatering a holding pond at a limestone quarry or transferring fuel at a job site, Gorman-Rupp pumps offer the piece of mind other pumps can't. Our pumps continue to perform reliably month after month, year after year, in all types of construction applications.

## Submersible Pumps



**SF Series® Solids-handling**  
Size: 3" (75 mm) to 8" (200 mm)  
Max Capacity: 3400 GPM (214.5 lps)  
Max Head: 170' (51.8 m)  
Max Solids: 3" (76.2 mm)  
Horsepower: 3 HP - 75 HP



**S Series Slimline**  
Size: 2" (50 mm) to 6" (150 mm)  
Max Capacity: 2100 GPM (132.5 lps)  
Max Head: 380' (115.8 m)  
Max Solids: 0.5" (12.7 mm)  
Horsepower: 1 HP - 60 HP



**S Series Widebase**  
Size: 2" (50 mm) to 12" (300 mm)  
Max Capacity: 7100 GPM (447.9 lps)  
Max Head: 600' (182.9 m)  
Max Solids: 1" (25.4 mm)  
Horsepower: 2 HP - 275 HP



**HS Series® Hydraulic Driven**  
Size: 3" (75 mm) to 6" (150 mm)  
Max Capacity: 1600 GPM (100.9 lps)  
Max Head: 175' (53.3 m)  
Max Solids: 5" (127.0 mm)

## Specialty Self-Priming Centrifugal Pumps



**O Series® High Pressure Engine Driven**  
Size: 2" (50 mm) to 6" (150 mm)  
Max Capacity: 1350 GPM (85.2 lps)  
Max Head: 400' (121.9 m)



**80 Series® Shield-A-Spark™ Fuel Handling Engine Driven**  
Size: 2" (50 mm) to 3" (75 mm)  
Max Capacity: 380 GPM (24.0 lps)  
Max Head: 140' (42.7 m)



**O Series® Power Take-off & Hydraulic Motor Driven**  
Size: 2" (50 mm) to 3" (75 mm)  
Max Capacity: 400 GPM (25.2 lps)  
Max Head: 355' (108.28 m)



**80 Series® Fuel Handling Close-coupled Electric Driven**  
Size: 1.25" (30 mm) to 1.5" (40 mm)  
Max Capacity: 92 GPM (5.8 lps)  
Max Head: 70' (21.3 m)

# FOCUSING ON THE SPECIALIZED NEEDS OF THE CONSTRUCTION & RENTAL MARKETS

We have an experienced staff of engineers dedicated to the design and construction of the most efficient and serviceable pumps in the industry. Our representatives are trained to help you select the proper pumps and related equipment for your specific application. They are also available to offer suggestions on maintaining your equipment for maximum performance.



The Gorman-Rupp OTS pumps program provides a pumping solution when you need it. Offering over one hundred pump models, these products can be purchased anytime, anywhere.

## Standard Centrifugal Pumps



### 50 & 60 Series

Size: 2" (50 mm) to 12" (300 mm)  
Max Capacity: 6800 GPM (429.0 lps)  
Max Head: 500' (152.4 m)  
Max Solids: 3" (76.2 mm)



### VG & VGH Series

Size: 1.25" (30 mm) to 8" (200 mm)  
Max Capacity: 4900 GPM (309.1 lps)  
Max Head: 500' (152.4 m)  
Max Solids: 1.38" (35.1 mm)

## Pump Ends



### PA Series® & PAH Series

Engine & Electric Driven  
Size: 3" (75 mm) to 16" (400 mm)



### 10, Super T Series® & Ultra V Series®

Engine & Electric Driven  
Size: 3" (75 mm) to 10" (250 mm)



### 50 & 60 Series

Engine & Electric Driven  
Size: 2" (50 mm) to 12" (300 mm)

## OTS Engine And Electric Driven Utility Pumps



### Heavy Duty Trash

Size: 2" (50 mm) to 6" (150 mm)  
Max Capacity: 120 GPM (7.5 lps)  
Max Head: 135' (41.1 m)



### Medium Head

Size: 1.25" (32 mm) to 10" (250 mm)  
Max Capacity: 3100 GPM (195.6 lps)  
Max Head: 210' (64.0 m)



### Diaphragm

Size: 2" (50 mm) to 4" (100 mm)  
Max Capacity: 150 GPM (9.4 lps)  
Max Head: 50' (15.2 m)



### High Pressure

Size: 2.5" (65 mm) to 4" (100 mm)  
Max Capacity: 725 GPM (45.7 lps)  
Max Head: 380' (115.8 m)



### Submersible

Size: 1.5" (40 mm) to 4" (100 mm)  
Max Capacity: 450 GPM (28.3 lps)  
Max Head: 90' (27.3 m)



### High Pressure Fire

Size: 2.5" (65 mm)  
Max Capacity: 270 GPM (17.0 lps)  
Max Head: 380' (115.8 m)

# FLUID HANDLING EQUIPMENT DESIGNED WITH YOUR NEEDS IN MIND



**★ Manufacturing Facilities**  
**• Distribution Centers**

**The Gorman-Rupp Company**  
Mansfield, Ohio, USA

**Mansfield Division**  
Mansfield, Ohio, USA

**Gorman-Rupp International**  
Mansfield, Ohio, USA

**Gorman-Rupp Industries**  
Bellville, Ohio, USA

**Patterson Pump Company**  
Toccoa, Georgia, USA

**American Machine and Tool Co., Inc. of Pennsylvania**  
Royersford, Pennsylvania, USA

**National Pump Company**  
Fresno, California, USA  
Glendale, Arizona, USA (Headquarters)  
Lubbock, Texas, USA  
Olive Branch, Mississippi, USA  
Vienna, Georgia, USA  
Zolfo Springs, Florida, USA

**Gorman-Rupp Africa**  
Cape Town, South Africa  
Durban, South Africa  
Johannesburg, South Africa (Headquarters)

**Gorman-Rupp Europe**  
Leeuwarden, Netherlands

**Patterson Pump Ireland Limited**  
County Westmeath, Ireland

**Gorman-Rupp of Canada Limited**  
St. Thomas, Ontario, Canada

**Distribution Centers**  
Bangkok, Thailand  
Dubai, United Arab Emirates  
Grand Prairie, Texas, USA  
Leeuwarden, Netherlands  
Sparks, Nevada, USA

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



**GRPUMPS.COM**



**THE GORMAN-RUPP COMPANY  
MANSFIELD DIVISION**  
P.O. BOX 1217  
MANSFIELD, OHIO 44901-1217 | USA  
TEL: 419.755.1011 | FAX: 419.755.1251  
GRSALES@GORMANRUPP.COM

**GORMAN-RUPP INTERNATIONAL**  
P.O. BOX 1217  
MANSFIELD, OHIO 44901-1217 | USA  
TEL: 419.755.1011 | FAX: 419.755.1266  
INTSALES@GORMANRUPP.COM

**GORMAN-RUPP OF CANADA**  
70 BURWELL ROAD  
ST. THOMAS, ONTARIO N5P 3R7 CANADA  
TEL: 519.631.2870 | FAX: 519.631.4624  
GRCANADA@GORMANRUPP.COM

