

ots™

OFF THE SHELF

PUMPS



Featuring the following product lines:



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THE GORMAN-RUPP COMPANY, Mansfield Division
P.O. Box 1217, Mansfield, OH 44901

High Pressure Self-Priming Engine-Driven Pumps

Application: Irrigation, wash down, fire protection and jetting in construction, agricultural, industrial, marine, water transfer and home applications.

Construction: Die Cast Aluminum

Seals: Silicon Carbide

Horsepower: 4.7 to 6.5

Engines: Briggs & Stratton, Honda, Yanmar Diesel

Port Sizes: 2"

Max Temp: 180° F

Max Flow: 120 gpm

Max Head: 200 ft. (88 psi)

Model Shown: IPT 2P5XHR



General Purpose Self-Priming Engine-Driven Pumps

Application: Dewatering, irrigation, fertilizer, and high pressure for lawn care, utility, and contractor applications.

Construction: Die Cast Aluminum and Cast Iron

Seals: Buna N and Viton®

Horsepower: 2 to 8

Engines: Briggs & Stratton or Honda Gasoline, Yanmar Diesel

Port Sizes: 1" to 3" NPT

Max Temp: 180° F

Max Flow: 300 gpm

Max Head: 100 ft. (43 psi)

Model Shown: AMT 3390-95



Engine-Driven Dredging Pumps

Application: Designed for pumping sea water and fresh water containing up to 25% sand, debris and other abrasive particles.

Construction: High Chromium Stainless Steel

Horsepower: 4.7 to 5.5

Engines: Honda, Yanmar Diesel

Port Sizes: 2" NPT

Max Temp: 160° F

Max Flow: 173 gpm

Max Head: 100 ft. (43 psi)

Model Shown: GR 316F-95



Centrifugal Engine-Driven Portable Fire Pumps

Application: Irrigation, jetting, wash down and high head pumping for agricultural and fire protection applications.

Construction: Cast Aluminum

Seals: Carbon Ni-Resist

Horsepower: 13 and 23

Engines: Honda or Kohler Gasoline, Yanmar Diesel

Port Sizes: 2½" x 1½" NPT and 2½" x 2½" NPT

Max Temp: 160° F

Max Flow: 250 gpm

Max Head: 360 ft. (156 psi)

Model Shown: GR 62 1/2 A1-CH13



Portable Self-Priming Trash Engine-Driven Pumps

Application: Solids handling for excavations, manholes, barge cleaning, sewage and liquid manure in construction, agricultural, industrial and marine applications.

Construction: Die Cast Aluminum and Cast Iron

Seals: Silicon Carbide

Horsepower: 4.7 to 6.5

Engines: Briggs & Stratton, Honda, Yanmar Diesel

Port Sizes: 2" and 3" NPT

Max Solids: 1¼"

Max Temp: 180° F

Max Flow: 300 gpm

Max Head: 110 ft. (47 psi)

Model Shown: IPT 3S5XHR



Portable Self-Priming Engine-Driven Trash Pumps

Application: Heavy duty solids handling for excavations, manholes, barge cleaning, sewage bypass and liquid manures for construction, agricultural and industrial applications.

Construction: Cast Aluminum and Cast Iron

Seals: Mechanical

Horsepower: 4.7 to 57

Engines: Honda Gasoline, Deutz, John Deere or Lombardini Diesel

Port Sizes: 2" to 6" NPT

Max Solids: 2½"

Max Temp: 110° F

Max Flow: 1200 gpm

Max Head: 135 ft. (58 psi)

Model Shown: GR 13D1-GX270



Self-Priming Diaphragm Pumps

Application: Mud, slurry and thick liquids that have the ability to flow for construction, agricultural and marine applications.

Construction: Sand Cast Aluminum

Seals: Thermoplastic Rubber Diaphragm

Engines: Briggs & Stratton, HP Honda Gasoline, Yanmar Diesel

Motors: TEFC Electric Motor

Port Sizes: 2" and 3" NPT

Max Temp: 180° F

Max Flow: 90 gpm

Max Head: 25 ft. (11 psi)

Model Shown: AMT 335H-96



Self-Priming Diaphragm Pumps

Application: Muddy, mucky, or sand-laden liquids, and slow seepage for construction, agricultural and industrial applications that require the pumps to run dry for extended lengths of time.

Construction: Cast Aluminum and Cast Iron

Diaphragm: Neoprene and DuraBlue 1000™

Horsepower: Engine: 5 ODP or X-Proof Motor: ½ to 3

Port Sizes: 2" to 4" NPT

Max Solids: 2¼"

Max Flow: 150 gpm

Max Head: 50 ft. (22 psi)

Model Shown: GR 3D-X 1.5P



Hand Pumps

Application: Dispensing most liquids and chemicals for industrial applications.

Construction: Cast Iron, Stainless Steel, Ryton®, Polypropylene, Nylon, Polyethylene, Aluminum and Bronze

Seals: Varies Depending on Specific Model; See Note Below

Types: Rotary, Piston, Diaphragm, and Siphon

Note: Specifications may vary depending on model. Consult factory for complete details on each model available.

Model Shown: AMT 5270-98 Rotary Type Hand Pump



Self-Priming Engine-Driven Trash Pumps

Application: High flow applications with solids handling requirements for construction, agricultural, industrial, marine and municipal applications.

Construction: Cast Aluminum and Cast Iron

Seals: Buna N, Viton®, Silicon Carbide

Horsepower: 3.5 to 27

Engines: Briggs & Stratton or Honda Gasoline, Yanmar or Daihatsu Diesel

Port Sizes: 1½" to 6" NPT

Max Temp: 180° F

Max Flow: 1000 gpm

Max Head: 121 ft. (52 psi)

Model Shown: AMT 3943-96



Self-Priming Motor-Driven Centrifugal Pumps

Application: Self-priming for sprinkler booster, chemical processing, and high volume transfer primarily in industrial applications.

Construction: Stainless Steel, Cast Iron, Bronze and Aluminum

Seals: Buna N, Viton® and Silicon Carbide

Horsepower: ½ to 7.5 ODP and TEFC

Port Sizes: ¾" and 3" NPT

Max Temp: 200° F

Max Flow: 375 gpm

Max Head: 190 ft. (83 psi)

Model Shown: AMT 2761-95



Self-Priming Explosion-Proof Electric Pumps

Application: Gasoline, diesel, solvents, clean water, transfer and spraying for construction, agricultural, and industrial applications.

Construction: Cast Iron

Seals: Carbon Ni-Resist Viton®

Horsepower: ½ to 2

Port Sizes: 1¼" to 2" NPT

Max Temp: 160° F

Max Flow: 128 gpm

Max Head: 72 ft. (31 psi)

Model Shown: GR 02C3-X1.5 P



Electric Submersible Pumps

Application: Flood waters, sumps, and pits where water must be lifted more than 20 ft., or engines are not suitable. For construction, utility and industrial applications.

Construction: Cast Aluminum and 316 Stainless Steel, and Gray Iron

Seals: Double Carbon Ceramic and Double Silicon Carbide Ceramic

Horsepower: 12 Volt: ½ and ½
115 Volt: 1

Port Sizes: 1½" and 2" NPT

Max Temp: 104° F

Max Flow: 87 gpm

Max Head: 52 ft. (23 psi)

Model Shown: GR S2G54-E.5 115-1



Electric Submersible Pumps

Application: Sewage, flood waters, sumps and pits where water must be lifted more than 20 ft., or where engines are not suitable. For construction, agricultural, municipal, and industrial applications.

Construction: Cast Iron, Stainless Steel, and Polypropylene

Seals: Double Silicon Carbide

Horsepower: ¼ to 7.5

Port Sizes: 1" to 4" NPT

Max Temp: 104° F

Max Flow: 450 gpm

Max Head: 90 ft. (39 psi)

Model Shown: AMT 5765-95



Pool/Spa Utility Pumps (UL 1081 Listing)

Application: Swimming pools, hot tubs and spas.

Construction: Bronze
ABS Suction Strainer Available

Seals: Buna N

Horsepower: ½ to 2

Port Sizes: 1½" NPT

Max Temp: 180° F

Max Flow: 110 gpm

Max Head: 62 ft. (27 psi)

Model Shown: AMT 3880-97



Sewage Trash Pumps

Application: Solid laden liquids and slurries for construction, agricultural, municipal and industrial applications.

Construction: Cast Iron with Stainless Steel Impeller

Seal Options: Silicon Carbide, Buna N

Horsepower: 3 to 15 TEFC

Port Sizes: 2" to 4" NPT

Max Solids: 2"

Max Temp: 180° F

Max Flow: 510 gpm

Max Head: 110 ft. (48 psi)

Model Shown: AMT 394A-95



Straight Centrifugal Pumps

Application: Circulation, chemical processing, liquid transfer and cooling for industrial applications.

Construction: Investment Cast 316 Stainless Steel, Cast Bronze and Cast Iron

Seals: Buna N, Viton® and Silicon Carbide

Horsepower: ½ to 15 12V DC, ODC and TEFC

Port Sizes: ¾ to 3" NPT

Max Temp: 200° F

Max Flow: 520 gpm

Max Head: 190 ft. (83 psi)

Model Shown: AMT 490A-98



Stainless Steel Corrosion Resistant Pumps

Application: High flow and high pressure requirements including chemical processing, liquid transfer, pressure boosting, circulation, and containment. Primarily for industrial applications.

Construction: Stainless Steel

Seals: Viton®

Horsepower: ¾ to 3

Motors: 56J Frame ODP & TEFC

Port Sizes: ¾" to 2" NPT

Max Temp: 200° F

Max Flow: 150 gpm

Max Head: 146 ft. (63 psi)

Model Shown: AMT 553B-98



Motor Controls for Electric Motor-Driven Pumps

Application: WEG Enclosed Full Voltage Magnetic Motor Controls – Enclosed Starters are the most commonly used devices to switch AC motor loads. WEG Motor Controls are reliable, cost effective and low maintenance.

Enclosure: NEMA Type 4X (Plastic) for outdoor use and NEMA Type 1 (Metallic) Lift off for indoor use

Horsepower: ½ to 15, 115V, 230V or 460V single or three phase UL 508 (NEMA 1) and UL 508A (NEMA 4X) Approved



Pump Hoses and Accessories

A wide array of accessories can be supplied for many of the pump products including:

- Suction and/or discharge hose
- Stainers
- Roll Cages
- Mounting Bases
- Pipe Adapters
- Foot Valves
- Pump Control
- Float Switch



Sprayer/Washer and Universal Oil Coolant Pumps

Application: Coolant recirculation, automotive washing machines, parts cleaners, spray booths and cooling towers for industrial and OEM applications.

Construction: Cast Iron with Stainless Steel Impeller
Includes Universal Mounting Brackets

Horsepower: 1/8 to 7½

Port Sizes: ¾" to 1½" NPT

Max Temp: 200° F

Max Flow: 140 gpm

Max Head: 140 ft. (60 psi)

Model Shown: AMT 5571-95



Coolant/Recirculating Pumps

Application: Circulation and spraying of coolants, cutting oils and solutions for industrial and OEM applications.

Construction: Cast Iron and Bronze

Horsepower: 1/25 to 1

Port Sizes: ¾" to 1½" NPT

Max Temp: 180° F

Max Flow: 56 gpm

Max Head: 60 ft. (26 psi)

Model Shown: AMT 5380-95



Industrial Sump Pumps

Application: High volume and high head drainage/dewatering. Primarily for industrial applications.

Construction: Stainless Steel, Cast Iron, and Bronze

Horsepower: 1/3 to ¾

Discharge: ½" to 2" NPT

Max Column Ht.: 44"

Max Temp: 200° F

Max Flow: 103 gpm at 5 ft. of Head

Max Head: 30 ft. (13 psi)

Model Shown: AMT 5230-98



Rotary Gear Pumps

Application: Viscous liquids such as oils, fats, fuels, greases and resins for industrial and OEM applications.

Construction: Cast Iron with Carbon Bushings

Seals: Viton® with Carbon Ceramic Faces

Horsepower: 1½

Port Sizes: 1" NPT

Max Viscosity: 1500 SSU

Max Temp: 300° F

Max Flow: 11 gpm

Max Head: 100 psi

Model Shown: GR GMC1DE3-E1.51P



Electric Submersible Pumps

Application: Flood waters, sumps, and pits where water must be lifted more than 20 ft., or engines are not suitable. For commercial applications.

Construction: Stainless Steel / Cast Iron

Seals: Oil Lubricated / Nitrile O-rings

Horsepower: 1/3 to 1

Port Sizes: 1½" to 2" NPT

Max Flow: 95 gpm

Max Head: 48 ft. (21 psi)

Model Shown: 2x11



Magnetic Drive Pumps

Application: Transfer of corrosive liquids in hydraulically efficient applications for industrial and OEM applications.

Construction: Ryton®, Noryl® and Polypropylene

Seals: No Shaft Seals

Horsepower: 1/60 to 1/3

Port Sizes: ½" to 1"

Max Temp: Varies to 203° F

Max Flow: 35 gpm

Max Head: 53 ft. (23 psi)

Model Shown: GRI 14520 051S



Bellows Metering, Oscillating and Peristaltic Pumps

Application: Chemical metering and transfer for industrial, OEM and lab applications.

Construction: Polypropylene and Norprene® or EPT

Seals: No Dynamic Seals

Horsepower: Sub-Fractional

Port Sizes: ¼" to ½"

Max Temp: Varies. 104° to 275° F

Max Flow: 300 ml to 945 ml

Max Head: 8 ft. to 46 ft. (3 to 20 psi)

Models Shown: GRI 17000 002 S



Inline Centrifugal Circulator Pumps

Application: Continuous duty for industrial/commercial HVAC systems.

Construction: Bronze or Cast Iron

Seals: Buna N Mechanical Seal

Motor: ¼ HP to 1

Port Sizes: ¾" to 3" NPT

Max Temp: 200° F

Max Flow: 150 gpm

Max Head: 28 ft. (12 psi)

Model Shown: Patterson 5700-97



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"We have the pump you need. When you need it."

The Gorman-Rupp Company OTS Program

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