

# ots™

**OFF THE SHELF**

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# PUMPS



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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:** 3/8" 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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