

GIANT
PERFORMANCE
UNDER
PRESSURE



Industrial PERFORMANCE
Pumps UNDER
PRESSURE

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GIANT

Industrial Pumps

[Machined to Perfection]

High pressure water use continues to expand into emerging markets. Your growth depends on providing a quality product with the engineering to withstand the harshest conditions. With a German/American background, Giant's corrosion resistant line pumps not only meets your needs, but they provide solutions that help your company grow.

What's Unique about Giant's pumps?

The gear end of Giant's industrial pumps have been built to last for thousands of hours of operation. Giant continues to service pumps that have been in the field for over twenty years. For deep-forged (not aluminum) crankshafts (instead of machined barstock) to bronze connecting rods and high polish finish on solid ceramic plungers, Giant's pumps help assure years of smooth operation and less wear on fluid end components.

Why Giant's Fluid End lasts so long?

It's important that you're not always changing fluid end components in the field. That's why the internal fluid end parts are constructed of 316 duplex stainless steel; and the elastomers are manufactured to provide you with the most dependable and longest lasting fluid end life in the industry. Depending on conditions, Giant's fluid end may be constructed of aluminum-bronze-nickel, 303 or 316 stainless steel, duplex steel or titanium.

Why Giant?

Take a look at the pumps on the following pages. Anyone can supply flow and pressure. We want your experience with reverse osmosis pumps to be rewarding for you. You will know you've made the right choice with a Giant pump.

Thank you for your interest.
Your Giant Team.

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P46 Pumps
3.9 GPM @ 2175 PSI
1420 RPM
6.0 BHP



P55/56 Pumps
P55 4.9 GPM @ 2320 PSI
P56W 6.1 GPM @ 1885 PSI
Up to 1420 RPM
7.9 BHP



P57 Pumps
1.4 GPM @ 6500 PSI
1420 RPM
6.2 BHP



P54 Pump
4.0 GPM @ 4050 PSI
1450 RPM
11.5 BHP

P58 Pump
5.5 GPM @ 3500 PSI
1450 RPM
13.1 BHP

P59 Pump
7.5 GPM @ 1885 PSI
1450 RPM
10.1 BHP



P400 Series
Up to 13 GPM
Up to 7250 PSI
Up to 1460 RPM
18.9 BHP



SP100 Pump
11.2 GPM @ 1900 PSI
Up to 1420 RPM
14.6 BHP



MP Series
Up to 15.2 GPM
Up to 3600 PSI
Up to 1420 RPM
21.9 BHP

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LP Series

Up to 35 GPM @ Up to 15,000 PSI
Up to 40 BHP



LP250
26 GPM @ 2200 PSI



LP122A/LP123
35 GPM @ 1300 PSI



LP301/LP600
LP301- 14.1 GPM @ 4000 PSI
LP 600- 9.7 GPM @ 6000 PSI



LP400
15.1 GPM @ 3600 PSI



LP700
7.9 GPM @ 7250 PSI



LP1000
3.0 GPM @ 15,000 PSI

GP Series

Up to 105 GPM @ Up to 10,000 PSI
UP to 150 BHP



GP5136
35 GPM @ 2200 PSI



GP7255A
66.0 GPM @ 1500 PSI



GP7124A
12.6 GPM @ 7250 PSI

GP7122
10 GPM @ 10,000 PSI



GP8000
Up to 105 GPM
Up to 3000 PSI

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Corrosion Resistant Pumps

[Aluminum Bronz-Nickel Manifolds & 316 S.S. internal wet end parts]

| Model | Max.GPM | Max.PSI | Max.RPM | Req'd BHP |
|--------------------------|---------|---------|---------|-----------|
| P221AR-3100 [■] | 2.3 | 2000 | 1750 | 3.2 |
| P217A-3100 | 3.4 | 2000 | 3450 | 4.7 |
| P218A-3100 | 3.4 | 2000 | 1750 | 4.7 |
| P219A-3100 | 4.2 | 2000 | 1750 | 5.8 |
| P220A-3100 | 4.7 | 2000 | 1750 | 6.4 |
| P420A-3100 | 13.0 | 1700 | 1460 | 15.2 |
| P440-3100 | 6.6 | 4000 | 1460 | 15.2 |
| P450-3100 | 5.5 | 5000 | 1460 | 15.2 |
| MP4130-3100 | 15.2 | 1900 | 1085 | 20.0 |
| LP122A-3100 | 39.0 | 1300 | 885 | 34.5 |
| GP7155A-3100 | 66.0 | 1500 | 700 | 70.5 |

■ 3100 Designates Nickle Aluminum Bronze-Manifold



LP122A-3100

[3.6 S.S. Manifolds and internal wet end parts]

| Model | Max.GPM | Max.PSI | Max.RPM | Req'd BHP |
|-------------------------|---------|---------|---------|-----------|
| P217A-5100 [■] | 3.4 | 2000 | 3450 | 4.7 |
| P219A-5100 | 4.2 | 2000 | 1750 | 5.8 |
| P220A-5100 | 4.7 | 2000 | 1750 | 6.4 |
| P56-5100 | 7.1 | 2100 | 1655 | 10.2 |
| P420A-5100 | 13.0 | 1700 | 1460 | 15.2 |
| LP121A-5100 | 36.0 | 1300 | 885 | 32.1 |
| GP5145-5100 | 43.3 | 1500 | 750 | 44.8 |
| GP7155A-5100 | 66.0 | 1500 | 700 | 70.5 |

■ 5100 Designates 316 S.S. Manifold



P200-5100 Series



P56-5100 Series



P420-5100 Series

Industrial Power Pack

Giant's rugged Industrial Power Paks have been designed to provide you with the durability you require. Your return on investment comes with each use. Built to your specifications the Industrial Power Pak provides liquid power for every application.

Specifications

Drives: Gasoline, Diesel, Natural Gas

Pumps: Up to 84.5 GPM @ Up to 15,000 PSI

Frame: Galvanized, Stainless Steel

Accessories: You specify

Availability: Production timed to your requirements.

Electric

Standard units use the Giant pump with an industrial grade motor. Belts and pulleys convey the motor's energy to the pump while the self-adjusting motor mount provides maximum power for continuous flow. The Giant Power Pack gives you the flexibility to meet a variety of applications while providing a cost effective and time saving source for your high pressure pump needs.

Specifications

Motors: 3HP-30HP

Pumps: Up to 84.5 GPM @ Up to 15,000 PSI

Frame: Galvanized and Stainless Steel

Accessories: Unloader/Regulator/S.S. Belt Guard, Pulleys, V-belts, Bushings

Availability: Production timed to your requirements

Power Pack

Various Giant Triplex Pumps and Pump Units Available

| | |
|---------------------------------|--|
| Working Pressure | up to 15,000 PSi (1000 bar) |
| Delivery Rate | up to 105 GPM (400 L/min) |
| Performance | up to 150 hp (110 kW) |
| Type of Drive | Electrical, Hydraulic, Combustion Engine |
| Power Transmission | Direct Coupling, Belt Drive, Reduction (Step-Down) Gear |
| Fluid Media | Water media such as: Drinking water, Sanitary water, Desalinated water, Water for dialysis, Sea water, Brackish water, Dump site leakage water, Industrial waste water, Emulsions (cooling & lubricating agents) Fuels, Oils, Alcohols, Acids, Caustic solutions, Fruits juices, Concentrates, Beer, Wine, Milk, Liquefied CO ₂ (at 13 F (-25 C) or under pre-pressure) |
| Media Temperatures | from -13 F (-25 C) to +221 F (+105 C) ° |
| Materials (media-wetted) | Casings, Valves, Plungers, Nickel-plated spheroidal cast iron, Special brass bronze, Nickel-Aluminum-Bronze, Stainless Steel 1.4305 (AISI 303) Stainless Steel 1.4571 (AISI 316), Duplex Steel, Hastelloy, Tungsten Carbide Oxide Ceramic |
| Seals | NBR, Viton, Teflon, Kalrez |

Various Giant Triplex Pumps and Pump Units Available

| | |
|---|---|
| Reverse Osmosis | Water for dialysis, Sea water, Dump site leakage water, Industrial waste water, Beverages |
| High-Pressure Cleaning | High pressure cleaners (mobile/stationary), Pre-wash units, Tire/wheel washers, Pre-spray wash bays, Floor washers, Sewer cleaning, Facade cleaning, Industrial cleaning systems, Foodstuff cleaning systems. |
| Air-Humidification | Live-stock, Plant breeding, Printing and paper industry, Tunnelling, Mining, Fire extinguishing Plants, Anti-Static Units |
| Polyurethane Foam Production | Block Foam (Fully Desalinated Water) Molded Foam (Isocyanate, Amine, CO ₂) |
| Cooling/Lubricating Systems | Machine and plant building |
| Water Hydraulics | Nuclear power stations, Industrial plants |
| Boiler Feeding, Earth Boring, Well Sanitation, & many more | |