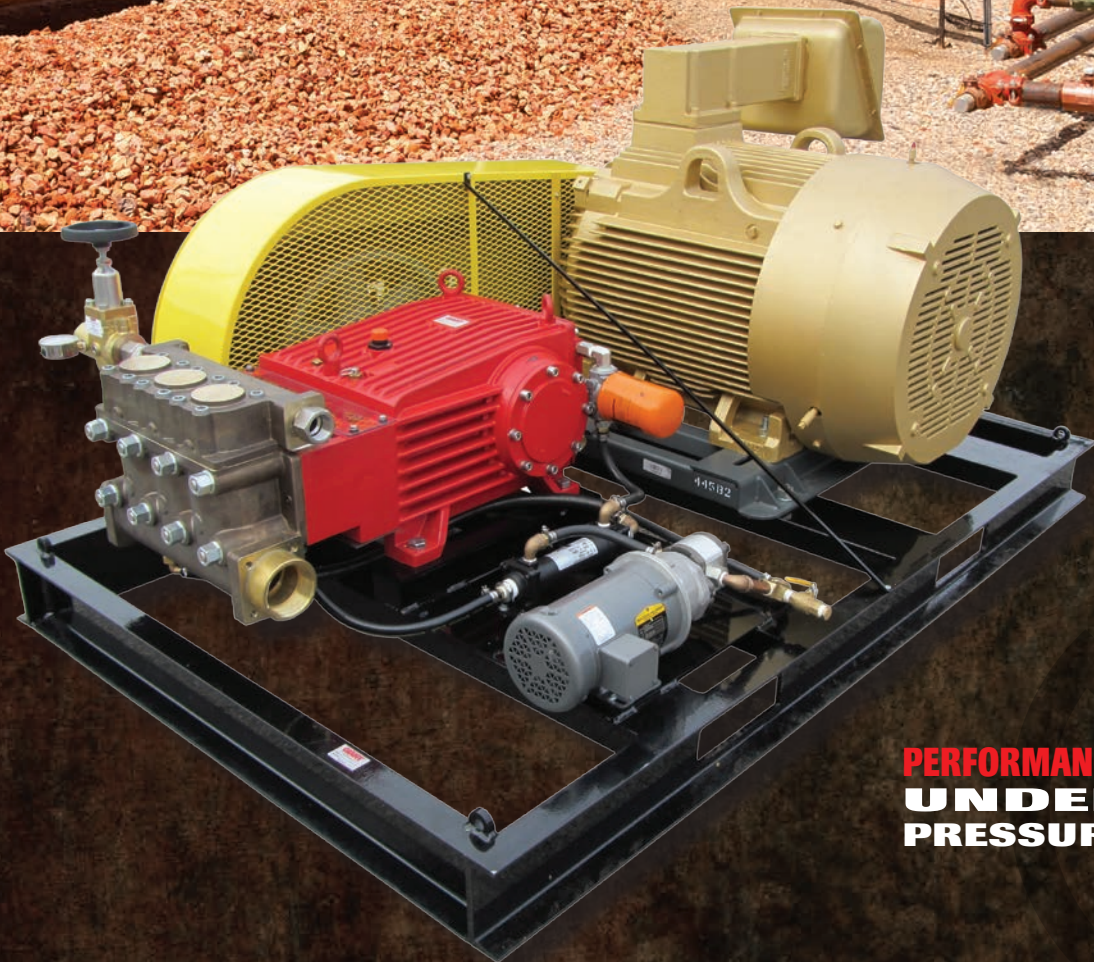


GIANT

SALT WATER DISPOSAL / BRINE PUMPS



**PERFORMANCE
UNDER
PRESSURE**

Boost Safety, Productivity & Profits Move Brine with Giant High-Pressure Performance Pumps

GIANT GETS THE JOB DONE — EVERY TIME

For more than 30 years, Giant Industries has provided operators in the field with high-performance pumps that deliver dependability and durability for reduced downtime and safer, more efficient drilling and waste flow applications. Our customers in the shale gas drilling industry rely on Giant to quickly and safely pump brine water, frac flow and waste for expedient removal and recycling. And we deliver. Every job. Every time.

Giant Industries is a worldwide leader in high-pressure flow pumps. Offering a complete line of rugged industrial pumps, backed by personal customer service and a worry-free warranty, Giant delivers on all fronts. All of our products are precision-engineered with tight tolerances for long-lasting operation and greater value.

GIANT'S UNIQUE GEAR END DELIVERS INDUSTRY-LEADING PERFORMANCE

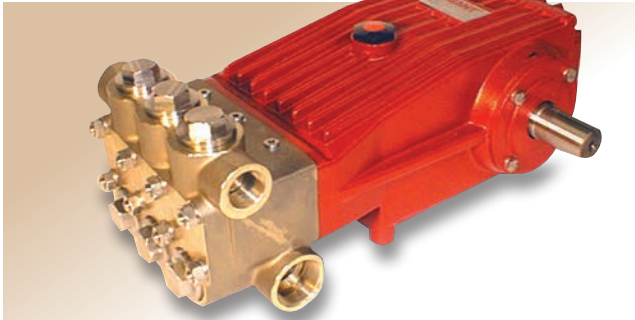
Giant quality is built in, fabricating parts from the highest-quality materials, such as spheroidal cast iron crankcase gear ends. Critical components such as crankshafts are forged, ground, tumbled and hardened. Tapered roller bearings evenly distribute the forces throughout the gear end. Tough bronze connecting rods—not inexpensive aluminum—provide crossheads which guide the machined and hardened stainless steel plunger bases to provide a smooth operation and less wear on manifold components.

GIANT'S MANIFOLDS ARE BUILT STRONGER, LASTS LONGER FOR GREATER VALUE

Lost production time is lost profits. At Giant, we understand that it's important that you're not changing manifold components in the field. Giant's manifold is designed with the right materials to meet your needs: 303 and 316 Stainless Steel, Nickel-Aluminum-Bronze, Duplex Steel and Titanium give you the flexibility to withstand the harshest fluid media. With larger surface areas and expertly machined manifolds, Giant's pumps are not only quieter, but run with greater efficiency and less chance of cavitation. Finally, seal components from NBR to Viton, EPDM, Teflon and Kalrez allow your pump to handle any application.

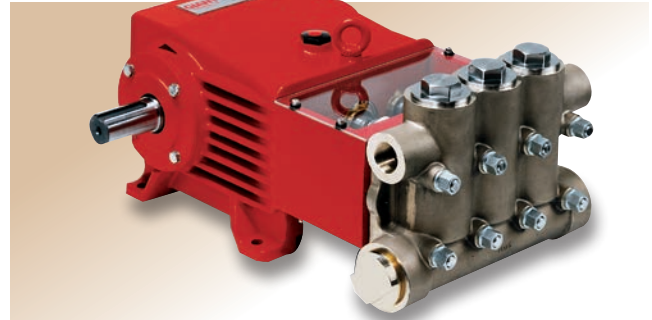


These are examples of brine pumps offered. Contact your sales representative for customized options.



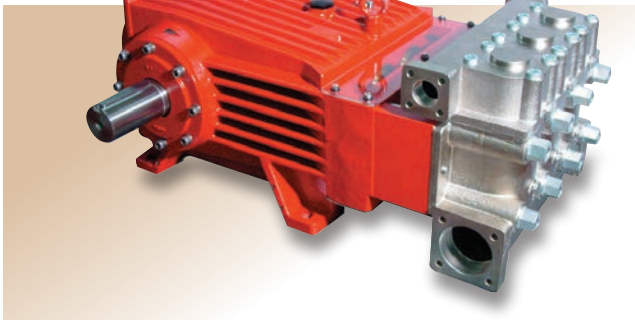
LP122A-Brine** 1200 BPD @ 1300 PSI

Flow GPM	Speed (RPM)	HP	Fluid End	Inlet Port	Discharge Port
35	800	31	Nickel-Aluminum Bronze	1-1/2"	1"



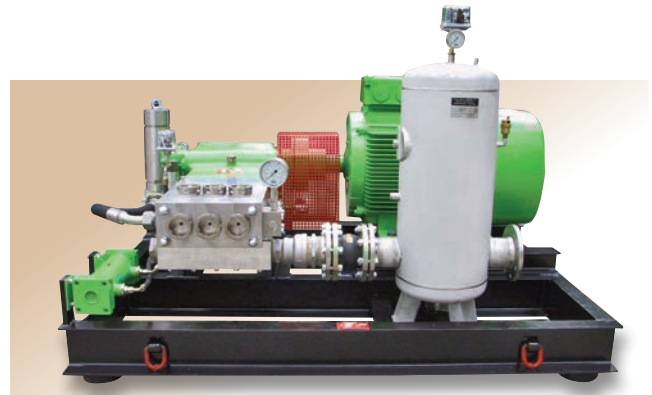
GP7255A-Brine** 2250 BPD @ 1500 PSI

Flow GPM	Speed (RPM)	HP	Fluid End	Inlet Port	Discharge Port
66	1500	68	Nickel-Aluminum Bronze	2-1/2"	1-1/4"



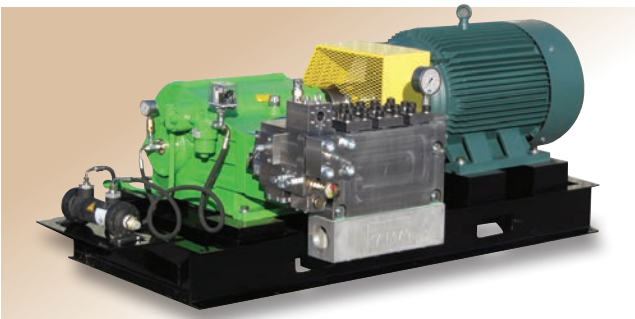
GP8065-Brine 3600 BPD @ 1500 PSI

Flow GPM	Speed (RPM)	HP	Fluid End	Inlet Port	Discharge Port
105	580	109	Nickel-Aluminum Bronze	3"	1-1/4"



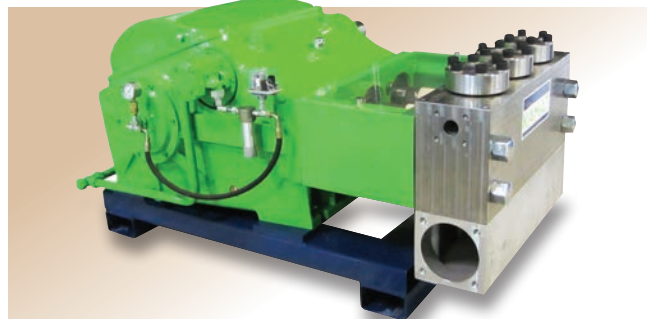
K 13065 MC 4500 BPD @ 2000 PSI

Flow GPM	Speed (RPM)	HP	Fluid End	Inlet Port	Discharge Port
131	2000	181	Stainless Steel	3"	TBD



K 25095 MC 10,400 BPD @ 1700 PSI

Flow GPM	Speed (RPM)	HP	Fluid End	Inlet Port	Discharge Port
303	1700	356	Stainless Steel	1-1/2"	TBD



K 55140 MC 21,400 BPD @ 1700 PSI

Flow GPM	Speed (RPM)	HP	Fluid End	Inlet Port	Discharge Port
624	1700	356	Stainless Steel	TBD	TBD

High Temperature Buna-N, Viton and Teflon, seals along with Viton, EPDM, Kalrez o-rings are available for many pump models. Please consult with the factory for any special application requirements.

(**) = Intermittent duty ratings available for these pumps. Please contact the factory for information.



THE GIANT ADVANTAGE

Giant's industry command equates to payoff for your operations:

- Reliable, on-time delivery
- Extensive inventory of stock pumps and complete systems: Giant Pump Systems/Skids include motors, pumps, and relief valves.
- Durable, compact construction for longer wear life to perform under harsh environmental conditions.
- In-stock replacement parts
- Easy repair—retrofit to support existing products and systems
- Prompt, professional customer support for limited downtime
- Industry-leading product warranty
- Small footprint for minimal environmental impact



ABOUT GIANT INDUSTRIES

From our 90,000 square foot manufacturing and distribution center in Toledo, Ohio, Giant Industries supplies high quality products to serve the needs of our customers worldwide. Our products are put to work in a host of industrial applications in North and South America, Asia, and Europe. Working in tandem with our creative partners in Germany, Giant manufactures an extensive line of high-pressure, high-temperature and high-flow pumps operating at less than 1 horsepower to more than 700 HP.

Giant sets the standard for quality construction and versatility in markets around the globe.

Regardless of location or job specification, we stand behind Giant pumps, offering prompt customer service to ensure optimum performance and productivity. We supply every major pump application where extreme operating conditions are required, including pressure washing, car washing, reverse osmosis, oil field operations, paper mill cleaning and cutting operations, boiler feed, hydrostatic testing, descaling, dust suppression, agriculture, vaporizing, high pressure injection and many others.

To learn more about Giant Industries products and applications, please visit us online at:
www.giantpumps.com

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