

GATOR PUMP, INC.

Products & Capabilities



GATOR PUMP'S PRODUCTS & CAPABILITIES

GATOR Pump is a veteran and family-owned business dedicated to offering the highest quality products and services. Our unique background and expertise have helped us realize product capabilities for industries around the world for over forty years.

We maintain a firm commitment to excellence. Our experienced and knowledgeable team provide superior customer service, including product and aftermarket support. We deliver quick turnaround times on durable products and original designs, all of which are manufactured in the U.S.

GATOR Pump offers dependable high-volume water and slurry pumps recognized industry-wide for their tough design, high performance, low operating cost, and easy maintenance. Our heavy-duty water and slurry pumps meet the demands of a breadth of industries, including but not limited to:



IRRIGATION AND AGRICULTURE



LAGOON PUMPING



MINING AND CONSTRUCTION



OIL FIELD, REFINERY, AND ENERGY



SLUDGE, SLURRY, & MANURE WASTE HANDLING



STORMS, FLOOD CONTROL, AND DRAINAGE



WATERFOWL AND WETLAND MANAGEMENT

CONSIDERATIONS TO MAKE BEFORE PURCHASING A HIGH-VOLUME PUMP

Whether pumping heavy amounts of water, slurry, or sludge, high-volume pumps are best used for large projects that require the movement of lots of water.

If your objective is to transport large amounts of water and/or slurry, you'll need a heavy-duty pump with continuous flow to get the job done.



High-volume pumps are particularly useful in the following industries & applications:

Agriculture & Irrigation:



Farmers rely on dependable and portable pumps for a variety of operations. Whether for crop dewatering, flood and row irrigation systems for crops, livestock waste removal and more, high-volume water & slurry pumps can assist agricultural producers in a multitude of ways.

Mining & Construction:



The handling of abrasive fluids or materials is typical in both of these industries. In an effort to minimize the need for maintenance and to maintain productivity, durable heavy-duty pumps are often required, and Gator Pump products have proven themselves most efficient in these applications.

Wetland Management:



Frequent water transfer is commonly required to maintain a flourishing ecosystem for both wildlife and plant life. Whether flooding habitats for hunting, storm surge mitigation, or dewatering for habitat preparation, professional clubs and US government agencies can help manage environmental conditions of wetland habitats through the use of heavy-duty water pumps.



Flood Control & Drainage:

Flooding can cause damage to a myriad of environments, whether it be residential, agricultural, or industrial. Quick & timely drainage methods are necessary to prevent and mitigate potential damage. Heavy duty water & slurry pumps can certainly assist in these rapidly evolving scenarios.



Sludge, Slurry, and Manure:

Even against the most abrasive types of fluids and materials, Gator Pump's slurry pumps have stood the test of time. Whether for landfill management, sewage plant transfers, clearing sludge-filled ponds and lagoons, heavy duty slurry pumps from Gator Pump can help you get the job done.



Oil Field, Refinery, and Energy:

With so many thick and abrasive slurries at hand, the petroleum industry requires many types of heavy-duty pumping solutions. Gator Pump's products are uniquely designed to perform under these conditions and provide operators with a durable system that they can rely on.

The following factors should be taken into consideration when selecting a high-volume or high-capacity pump:

- The specific pumping application
- Type of material that needs pumping (water, slurry, sludge, brackish water)
- Physical access constraints
- Power source (electric motor, tractor PTO, diesel engine)
- Method of PTO engagement (if using PTO)
- Torque, horsepower, and RPM requirements
- Discharge flow volume requirements
- Continuous or intermittent operation requirements



GATOR PUMP'S PROPRIETARY IMPELLER DESIGN

GATOR pump has a proprietary open-impeller centrifugal pump for heavy solids pumping and a closed impeller for water pumping. The impeller is supported inside the pump housing and suspended on marine brass bearings that can withstand major stress. Pump designs can be modified for floating, vertical, or horizontal configurations with customization options available to meet the specific demands of an application.

The solid steel construction of our high-volume water & slurry pumps includes welded fabrication from mild steel, stainless steel, or when specified, abrasion-resistant (AR) steel components. Water lubrication enhances performance and our balanced pump design helps to extend the product's lifespan.

GATOR Pumps are made to perform well in all kinds of environments. They can handle the toughest materials, including solids and thick fluids:



OUR 6" PUMP CAN TOLERATE 2" SOLIDS



OUR 10" AND LARGER PUMPS CAN
TOLERATE 4" SOLIDS

The impeller can be customized with heavy-duty blades to assist with the passing and cutting of tougher solids as well as grass, straw, and other stringy materials.

GATOR PUMP'S PRODUCTS & CAPABILITIES

GATOR Pump offers the following products and capabilities:



GATOR Canal PTO Pump

The GATOR Canal PTO Pump includes a three-point tractor hookup with hydraulics to raise and lower components. The pump only requires one operator and includes useful features like:

- Screened Intake
- Cam Lock Fitting on Discharge
- Bondioli 1:1 Ratio Gearbox

Our canal pump also features steel feet for easy hookup or release and rests safely on the bottom of a body of water.

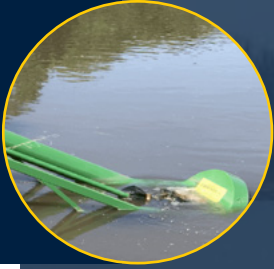


GATOR Slurry/Sludge Pump

The GATOR Slurry/Sludge Pump can agitate and mix heavy slurries simultaneously and pump large solids. Applications for these stock pumps include:

- Environmental cleanup
- Mine and quarry slurry
- Livestock manure pit pump
- Oilfield mud pump

Our slurry/sludge pumps come in varying discharge sizes and lengths and can be customized for optimal use.



GATOR Center-Pivot Irrigation Pump

The GATOR Center-Pivot Irrigation Pump allows you to take advantage of surface water in rivers, canals and lakes to feed a pivot sprinkler. It has a modified intake and a casing that delivers 25 psi working pressure for a two-thousand-foot pivot sprinkler system. The heavy-duty pump can float on the water surface via polyethylene pontoons during PTO operation. An intake screen with steel mesh helps reduce clogging in the pivot sprinkler nozzles.



GATOR Vertical Pumps

GATOR Vertical Pumps can be powered by an electric motor with a reduction gearbox or driven via tractor PTO, a stationary engine, or a portable power cart. These pumps are ideal for construction site applications requiring cofferdam pumping or river bypass.



Floating Barge Pumps

The vertical design of a floating barge pump allows for easy mounting onto a floating barge unit. It is useful for slurry and mining applications, particularly in pits with varying water levels. These pumps are also useful for:

- Storm surge and flood water control
- Power plant cooling pond water level management
- Water transfer for irrigation

CUSTOM MODIFICATIONS AVAILABLE FOR ALL PUMP MODELS

All of our pumps can be modified, including made-to-order custom designs. We also offer right, left, or center discharge options.

A "Ditchrider" humpback model is available for canal entry or river banks and levies with a steep drop-off. A center PTO shaft is installed in the driveline for driveshaft continuity across the angled frame.

All pump models can include framed-mounted engines with fuel tanks and/or separate power units, depending upon customer requirements.



ADDITIONAL BENEFITS OF GATOR PUMPS

With the "Spin the Shaft & Move Water" feature, you can easily back our trailer pumps into the water and start pumping. Our proprietary GATOR design allows easy and dependable pumping without many of the limitations often seen in other pumps. GATOR Pump additional benefits include, but are not limited to, the following:

- Continuous round-the-clock operation
- Towable trailer pumps approved for highway use
- No priming required or suction lines needed
- No cavitation limitations
- No check valves



HIGH-VOLUME WATER & SLURRY PUMPS FROM GATOR PUMP

Our fabrication process is designed to be extremely versatile, customer friendly and modification flexible. We work with our customers from the very beginning to understand the specific requirements of each pumping application and to identify key performance factors to include:

- Elevation Changes
- Operating Environment restrictions
- Flow Requirements
- Solids Content
- Intake Screening requirements
- Water Depth (fixed or variable)

Once these parameters are defined, we work closely with the customer to select the best pump size and model to meet their unique needs.

At GATOR Pump, we pride ourselves in excellent craftsmanship. Our experienced artisan team can quickly build to order or modify stock products to provide custom water pumps that meet the exact demands of a client's specific application. We believe in exceeding our customers' expectations, offering unsurpassed customer service, follow-up, and product support post-sale.

Contact us to learn more about high-volume water & slurry pumps from GATOR Pump. You can also request a quote, and our experienced Applications Design Department will help you determine the proper pumping equipment to meet your needs.



CONTACT US
For any kind of query.

ABOUT GATOR PUMP

GATOR Pump manufactures the highest quality trailer pumps, vertical pumps, floating, and hydraulic pumps. GATOR Pump is a recognized leader in moving water, sludge, slurries, and other heavy solids in some of the world's most remote and challenging pumping applications.

The GATOR team is committed to providing an efficient, personalized, and low-cost solution to satisfy your most urgent flow requirements. The GATOR Pump design team is available around the clock to examine, understand and solve your pumping needs.

The Original GATOR Trailer PTO Pump is recognized industry-wide for its high performance, tough design, easy maintenance, and low operating cost. Our in-house manufacturing team reviews each order we receive in order to give our customers a personalized range of options for unique individual pumping applications. GATOR Pump builds the most durable and dependable centrifugal pump on the market and we want our equipment to last a lifetime: We proudly stand behind our pumps and are still maintaining and providing replacement parts to all of our original customers.

GATOR Pump is a veteran-owned corporation, established in 1977. We are still a family-owned company operated by the original founders located in Brownwood, Texas. Our time-tested fabrication process delivers a quick response for all your immediate pumping needs. We are ready to work for you.



[Contact Us](#)

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