CARVER PUMP™
Built for purpose
All of our pumps are designed and built in the USA. We have full command of our supply chain and know exactly where things are coming from and where they’re going. As a result, we respond and deliver faster.

Since we built our first pumps in 1938, Carver Pump has become recognized as one of the leading centrifugal pump companies, building to the most demanding engineering specifications and military standards in the world.

We were one of the first American pump companies to attain ISO 9001 certification – the most recognized standard for quality in the world. This certification is your assurance that our commitment to quality includes not only our hardware, but also superior customer service, leading-edge R&D, and continuous improvement in everything we do.

So whether the job is refueling fighter jets on the deck of an aircraft carrier, supplying paint to an auto assembly line, or bringing water to the fountain in a city park, we put our reputation on the line everyday with every pump we build.

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Whether you’re working with one of our distributors or directly with a team member, we take the time to fully understand your goals, ensuring that our product exactly fits your needs. It’s not about selling equipment – it’s about solving or eliminating problems before they develop.

Our company is headquartered in Muscatine, Iowa, where our pumps are engineered and manufactured. Our third-generation family ownership and commitment to American manufacturing give our customers, partners, and employees confidence. We’re proud of the fact that we didn’t buy our market share – we earned it.

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Latin America’s largest international cargo airport needed a 100% reliable fueling system. The solution: ten of our 6x4x13 carbon steel API Maxum pumps.

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APPLICATIONS

It’s hard to find an industry or market that doesn’t use a Carver pump as its prime fluid mover.

CARVER SNAPSHOT
The transfer of crude oil from producer to end user required a pump that could provide sustained high pressure and hold up to the harsh, changing climates of Canada’s oil sands region. Carver Pump’s RS (Ring Section) line was an easy choice for the LACT system booster pumps needed in this application. Our RS pumps produce up to 3400 ft TDH (Total Dynamic Head) and can easily pump oil long distances over changing elevations.

We build pumps for handling water, oil, chemicals and slurries for both the public and private sectors. Our full product line of horizontal, vertical, single and multistage pumps as well as extensive experience with metallic and composite materials and their applications have allowed us to apply pumps in a wide variety of services.

OIL & GAS
Our products are used extensively in many upstream, midstream and downstream applications. These products are available fully compliant with API 610 11th Edition and in heavy-duty process configurations. Typical applications include process water injection, LACT systems, pipeline injection, refining, LNG processing and molten sulfur.

PETROCHEM
We can help you select the right pump for your reactor, transfer or auxiliary system needs. We have solutions for highly corrosive fluids, temperatures to 700° F and challenging suction conditions.

POWER GENERATION
Boiler feed and low-NPSH condensate applications are routine for us. We also offer highly engineered pumps for flue gas desulfurization filtrate and turbine lube oil systems.

PULP & PAPER
High-pressure water requirements and vacuum belt filtration systems are common applications for our pumps. General water and drain collection transfer system needs can also be met.

MINING & MINERALS
Our pumps are commonly used in mine dewatering and washdown services, belt filtration systems and light abrasives processing. We also have the right products for a wide range of water transfer and processing needs.

MARINE
Our products are used in both commercial and Naval applications for propulsion and generator systems. Common services are general water, fuel and cargo transfer systems. Custom products are routinely developed for special applications to meet rigorous shock, vibration and noise requirements.

DESLALINATION & MUNICIPAL
Our pumps have the capability to solve challenging water and wastewater applications, including effluent transfer, plant water, and booster systems. We also support applications in reverse osmosis, high-pressure fresh water, condensate and brine transfer.

INDUSTRIAL
Washdown, sump collection and transfer systems are typical applications for our industrial product lines. Pumps can be configured to accommodate special installation requirements, such as custom bases and piping. We offer the right metallurgy for everything from deionized water to sulfuric acid.

COMMERCIAL
Pumps and packages are available for domestic water boosting, cooling towers, HVAC systems, irrigation and rainwater harvesting. Systems can include variable frequency drives, PLC controls, pressure and flow sensing, and interfaces with most building communication systems.
We offer a full industrial product line with horizontal, vertical, single, and multistage pumps. Our pumps are engineered to handle high flows, high pressures, extreme temperatures, aggressive materials and/or entrained solids.

**GH - HORIZONTAL END-SUCTION PUMP**
- Flow to 2,000 GPM
- Head to 920 ft. TDH
- Close coupled or frame-mounted
- Fully compatible with standard, off-the-shelf NEMA JP frame motors

**ETA - HIGH-CAPACITY END-SUCTION PUMP**
- Flow to 10,000 GPM
- Head to 360 ft. TDH
- Rugged and high efficiency design
- Electric motor, diesel engine or steam turbine-driven

**KWP - NON-CLOGGING PROCESS PUMP**
- Flow to 1,300 GPM
- Head to 240 ft. TDH
- Close coupled or frame-mounted
- Designed for fluids with entrained solids and fibrous materials up to 1.5” in diameter

**RS - MULTISTAGE RING SECTION PUMP**
- Flow to 2,000 GPM
- Heads to 3,400 ft. TDH
- Water and fan cooling available for high-temperature applications
- Suction and discharge casings can be rotated to meet pipe configurations

**MAXUM GH1 - HEAVY-DUTY END-SUCTION PUMP**
- Flow to 11,500 GPM
- Head to 720 ft. TDH
- Designed to the rigorous standards of API 610 specifications
- Oil mist lubrication available as a pre-engineered option
- Heavy-duty bearing frame maximizes reliability

**API MAXUM GH2 - END-SUCTION PUMP**
- Flow to 11,500 GPM
- Head to 720 ft. TDH
- Fully complies with API 610 specifications
- Oil mist lubrication available as a pre-engineered option
- Operates at fluid temperatures to 600°F (315°C) without cooling water

**855 - TANK-MOUNTED FILTRATE PUMP**
- Flow to 700 GPM
- Head to 120 ft. TDH
- Tank-mounted arrangement
- Handles challenging suction conditions
- Self-venting casing to prevent airlock
- Optional swing-out mount

We offer a full industrial product line with horizontal, vertical, single, and multistage pumps. Our pumps are engineered to handle high flows, high pressures, extreme temperatures, aggressive materials and/or entrained solids.
If you require special flows, pressures, temperatures, mounting, or drive configurations, we can create a pump specifically for you. We specialize in developing custom solutions for our customers. Our advanced design tools include cutting-edge solid modeling software, powerful computer systems for analyzing structural problems and fluid flow, and exceptional hydraulic design capabilities to address the most challenging performance requirements.

We routinely develop new products for very specific applications such as our tank-mounted 855 Series and new Naval ship systems. Many of our standard products can be highly customized for specific OEM applications such as parts washing systems and boiler/heat exchanger cleaning systems. Our approach is to integrate the pump design with the system to create as much value for our customers as possible.

Our engineers are available to help your next pump project excel. Whether it’s improved efficiency, reduced horsepower, challenging suction performance or extreme environmental conditions, we will find the best solution to meet your goals for reliability and performance, with the quality and price you need.
We partner with the US defense industry on many leading-edge R&D initiatives, collaborating with it to develop and improve the pumps of tomorrow.
Contact us

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