We build American-made pumps with military-grade precision, engineered to your most demanding specifications.

BUILT FOR PURPOSE

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.

YOUR NEEDS FIRST

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.

DEVELOPING FASTER

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.

80 years of experience

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Carver Pump has earned a reputation for being able to deliver faster than our competitors, thanks to our command of our supply chain.
APPLICATIONS

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

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.

DESALINATION & 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.

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 long distances over changing elevations.

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 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.
INDUSTRIAL

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 2,500 GPM
Head to 520 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
Custom Solutions

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.
MARINE

Carver Pump has been a supplier in every major US Navy shipbuilding program for the past 60 years. Our pumps can be found on anything that floats: from US Coast Guard cutters and icebreakers, to even luxury yachts. Designed for onboard pumping of fresh water, seawater and other fluids, these include a wide assortment of axially split case, end suction (close-coupled or frame-mounted), horizontally- or vertically-mounted pumps.

Engineered to meet rigorous military specifications for high-impact shock loading, environmental impact, vibration and noise reduction, these pumps are available in cast iron, bronze-fitted, all-bronze, or Ni-Al bronze construction. We’ve also developed a new, proprietary high-strength, corrosion-resistant composite material for our pump internals, which has been put into service by the Navy.

We are proud of our long-term partnerships with the US Coast Guard and Military Sealift Command, and are active in the Commercial Marine industry, where we offer a full line of both horizontal and vertical pumps. The MHP is our horizontal, close-coupled series. Our vertical pumps include the MVP vertical in-line, pedestal-mounted series, and the MVS vertical sump series capable of pumping from tanks 20 ft. below deck. Engineered for reliability with minimum space requirements, our Commercial Marine pumps are all built in accordance with ASTM F998, USCG and American Bureau of Shipping (ABS) requirements. Certifications from the various technical Societies – ABS, Lloyd’s, Det Norske Veritas (DNV), etc. – are also available.

Most importantly, as with all our other pumps, these pumps offer the reliability, low lifetime cost and lasting value that has made Carver one of the most trusted names in pumps.

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.