

Hudson Pump & Equipment

A Division of Tencarva Machinery Company

Industrial
Process Equipment
& Repair Service

FL

 **Hudson Pump
& Equipment**
A Division of Tencarva Machinery Company



40+ Years of
Service and
Dedication

www.hudsonpump.com



PUMPING EQUIPMENT



Albin Pumps

High and low pressure industrial peristaltic, hose, and tube pumps used in water treatment, mineral processing, chemical and food industries, paper mills and agriculture applications.



AMT / IPT Pumps

General use pumps and accessories. Quick shipments and most models available within 24 hrs.



ARO Pumps

Air-operated diaphragm pumps, piston pumps, pneumatic valves, pneumatic cylinders, filter regulators and lubrication equipment.



Blue-White Pumps

Precision chemical metering and flow monitoring peristaltic and diaphragm pumps used in waterparks, food processing, semiconductors, pharmaceutical and municipal applications.



Bornemann Pumps - ITT

Industrial & sanitary twin screw pumps for handling low and high viscosity fluids. Hygienic & pharmaceutical service. EHEDG and 3A aseptic certification.



Cascade Pumps

Axial flow and mixed flow pumping equipment used for flood control, water and sewage treatment, mining, food processing and other applications.



Cat Pumps

High-pressure piston and plunger pumps are used in cleaning, food processing, reverse osmosis and more.



CIRCOR Pumping Technologies

Providing the highest levels of reliability through trusted product brands: Allweiler, Clarus, COT-PURITECH, Houttuin, IMO, LSC, Lubritech, Roscor, Sicelub, Tushaco, Warren and Zenith pumps.



Flygt A-C Custom Pumps

Axial flow pumps, large dry pit pumps, split case and vertical column pumps.



Flygt Submersibles

Submersible column pumps, ultra-low head submersible water pumps, submersible dewatering pumps, wastewater and treatment pumps.



Gorman Rupp Pumps

Super "T-Series", Super "U-Series", prime assisted centrifugal pumps, stations, extreme duty PD rotary gear pumps and standard horizontal end suction pumps to size 16".



Goulds Pumps - ITT

#1 Process Pump line in the Industry! Including pumps such as ANSI, Mag-Drive, API, inline, multi-stage, double suction, vertical process, vertical turbine, slurry and submersible.



Goulds Water Technology - Xylem

Efficient centrifugal and turbine pumps, controllers, and drives for industrial water and wastewater applications.



Gusher Pumps

Machine tool coolant pumps and vertical top pull-out centrifugal pumps.



LMI - Milton Roy Pumps

Metering pumps, controllers, feed systems, solenoid driven and diaphragm pumps are used in chemical dosing and injection.



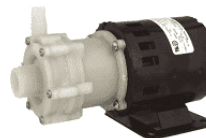
Lutz Pumps

Electric and air-operated drum and container pumps are used in chemical, food, soap, fuel and many other applications.



Lutzesco-Chemical Feed Systems

Skid, wall and tank mounted chemical feed systems designed to handle a extensive range of chemicals with containment, monitoring and controls.



March Pumps

Centrifugal seal-less magnetic drive pumps for chemical, industrial, medical, marine, solar and OEM applications.



MP Pumps

Centrifugal pumps in stainless steel, cast iron and more. Manufacturer of FLOMAX self-priming pumps.



MTH Pumps

Regenerative turbines for low flow, high pressure applications used in boiler feed, refrigeration, condensate return and more.





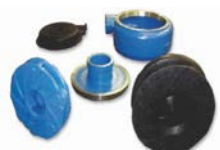
Oberdorfer Pumps

Centrifugal pumps, CHEMSTEEL™ gear pumps, and flexible vane impeller pumps used in marine, chemical and solvent applications.



Price Pumps

Highly configurable small to mid-sized centrifugal pumps in various materials with many sealing options.



Procast - ITT

High-quality replacement parts for all types of equipment. Cast reproductions of orphaned equipment parts.



ProServices - ITT

Capabilities include replacement parts, repair, engineering upgrades, predictive maintenance, reliability improvement and maintenance contracts.



Pulsafeeder Pumps - (Blue) IDEX

Solenoid and diaphragm driven metering pumps. Pulsatron, Chem-Tech, Mec-O-Matic, Chem-Tech, Blackline, Omni and Series-M.



Pulsafeeder Pumps - (Gear & Centrifugal)

Hydraulic diaphragm metering pumps, gear pumps, mag-drive gear pumps and multi-stage centrifugal pumps. Eastern, Isochem, ECO and Eclipse. Metering Pulpapro, Pulpas and Pulsar.



RamParts Pumps

Air-driven single diaphragm pumps that stand up to the abuses of the most demanding sludge and slurry applications.



Roper Pumps

Rotary gear pumps are used primarily in heavy viscous fluids such as lubricants, oils, asphalt, chocolate, glues, inks, fuels and syrups.



SEEPEX Pumps

State-of-the-art, industrial, and food-grade progressive cavity pumps and integral metering, mixing and conveying pumping/dosing systems.



Sero Pumps

Seal-less side channel pumps that generate low flows at high heads are used in very low NPSH or entrained air applications.



Serfilco Pumps

Corrosion-resistant plastic pumps, filters, filter media, and agitation systems.



SPX Flow Johnson Hot Fluid Pumps

Developed to handle thermal fluids such as oil up to 660 F at 360 PSI and hot water up to 400F.



SPX Flow Waukesha ECP Pumps

Waukesha Cherry Burrell's line of ECP Rotary pumps focuses heavily on the industrial sector by tackling the toughest applications in a wide range of flows, viscosities and pressures.



Stan-Cor Pumps

Solid Kynar Centrifugal Pumps that offer solid fluid ends in two different materials for chemical resistance and temperature limits.



Stenner Pumps

Peristaltic metering pumps used in dosing and metering, pH control, additives and sanitation.



Tsurumi Pumps

A vast range of submersible pumps engineered to withstand the most rugged applications.



T-Mag Pumps

Thermoplastic magnet drive pumps commonly used where aggressive chemicals and quick deliveries are a concern.



Uniguard Machine Guards

Custom and standard non-metallic ANSI/OSHA compliant, equipment and pump coupling guards and belt guards.



Vogelsang

Pumps and grinders specifically engineered for wastewater, biogas, railway, mining, food processing, industrial and agricultural markets.



Vulcan Pumps

Iron and high-chrome iron hard metal submersible slurry pumps designed for pumping abrasive and corrosive liquids.

MIXING & AGITATION



Fusion Fluid Equipment - Mixers

Industrial and sanitary mixers, mixing accessories and complete agitation systems for various processes.

VALVES & FLOW CONTROL



ASCO

Solenoid valves and air operated piston valves designed for aggressive fluid handling.



AVCO

Ball valves, actuators and instrumentation devices used in industrial applications.



Blacoh Fluid Control

Pulsation dampeners, "spill-stop" leak containment systems, gauge isolators and "super shield" surge vessels.



Cla-Val

Automatic control valves and back flow preventers used in marine and industrial applications.



Emerson

Vibration and pressure transmitters and sensors for suction and discharge lines, as well as streamlined integration to effectively detect cavitation conditions and keep pumps running reliably.



Flowline

Advanced level measurement and control instruments for your chemical, water, wastewater, oil and dry solid applications.



Griffco Valves

Back pressure valves, pressure relief valves, calibration columns, injection valves, corporate stops, gauge guards, pulsation dampeners, Y strainers and other accessories.



Habonim

Floating ball valves, metal seated valves, control and automation systems, pneumatic actuators, and complex manifold assemblies.



JFlow Controls

Wide range of valves, actuators and automation controls for Industrial water applications.



Kennedy Valve Disc-Ply Check

Full-line waterworks valve and manufacturer, seated gate valves, check valves, butterfly valves, indicator posts, grooved butterfly valves and an assortment of related products.



Mercer Valves

Pressure relief valves featuring patented "Auto Seat Technology"® that increases seal life, reduces repairs, and gives a consistent set pressure.



Pratt Industrial

Resilient-seated, high performance, and triple offset butterfly valves and actuation for aggressive fluid handling applications.



Tencarva Fixed & Portable Gauge Kit Assembly

Gauge Kits designed to provide accurate gauge readings of the pump suction and discharge pressure.



TOPWORX

Valve controllers, switches & sensor technology to streamline end-to-end application performance.



Toshiba Flow Meters

Electromagnetic flowmeters, microwave density analyzers and hybrid integrated controls.



Total Control Systems

Electronic registration and piston and rotary flow meter solutions for refined fuels, oils, chemical, LPG, and agriculture applications.

FILTRATION & SEPARATION



Rosedale Filters and Cartridges

Liquid filtration products such as bag filters, screen filters, cartridge filters, housings, bags and strainers.

SEALING, PACKING & SUPPORT SYSTEMS



Inpro/Seal

Inpro/Seal bearing and systems protection, shaft grounding, air seals and floating brush seals.



SealRyt- Packing and Bearing Systems

Stuffing box and packing technology that provides stabilization as well as sealing where flush media is not available and other products fail.



John Crane Mechanical Seals

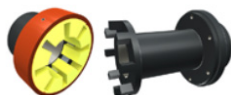
Mechanical seal, seal support, hydrodynamic bearings, packing and power transmission couplings.



U.S. Seal MFG.

Seals that are designed to provide long life, automatic self-adjustment and reduce maintenance costs.

GEARBOX & TORQUE TRANSMISSION



John Crane Couplings

High-performance A-Series, T-Series SS, Metastream, and Powerstream couplings for the API, general process and turbomachinery industries.



SEW - Eurodrive

Gearmotors & heavy industrial gears, to drive electronics, software and complete drive-based automation systems.



Sumitomo Drive Technologies

Extensive range of large industrial gearboxes, gearmotors and reducers of various torque capabilities.



Sumitomo/Hansen Industrial Drives

Offer versatility for your most demanding applications with a robust design, featuring high radial and axial load-carrying capabilities and a broad lineup of bevel and helical reducers.

CONTROLS & INSTRUMENTATION



ESSCO

Control panels, automation controls, robotics, electrical components and process automation design.



i-ALERT 3

Equipment health monitor tracks tri-axial vibration & kurtosis, temperature and run-time hours.



Load Controls Inc.

Compact digital pump load control detects loss of load, dry running, no prime, cavitation, bearing issues and more.



PumpSmart - ITT

Pump-specific control drives with state-of-the-art logic to control the process and prevent pump damage.

AIR & GAS HANDLING



Elmo-Rietschle - Gardner Denver
Sliding vane vacuums and compressors.



PD Blowers - Gardner Denver
Rotary-Sutorbilt, Heliflow, Duroflow, Cycloblower and complete engineered blower package solution.



Nash - Gardner Denver
Gardner Denver Nash liquid ring vacuum pumps & compressors.



Welch - Gardner Denver
Laboratory-grade vacuum pumps.

SOLIDS & MATERIAL HANDLING



Rotary Airlock
Rotary valves, rotary air locks, rebuilds, upgrades and direct drives. Can rebuild any brand of rotary air valve in the market.



SEEPEX Macerators
Effectively shred, chop and homogenize coarse materials to ensure pump-friendly media. Commonly used in fermentation, feedstock, wastewater sector and other industrial applications.



Southworth Products
Ergonomic materials handling equipment for vertical lifting and work positioning. Lift tables, portable lifts, workbenches, turntables and more.



Vogelsang XRipper - Grinder
Twin-shaft grinder effortlessly shreds solid matter such as hygienic products, textiles and garbage to prepare material for digestion or easy pumping.

HEAT EXCHANGERS & COOLING TOWERS



Delta Cooling Towers
HDPE induced and forced draft cooling towers to 2000 cooling tons. An anti-microbial design is also available.



R.P. Adams
Industrial filtration equipment, water strainers, shell and tube heat exchangers, aftercoolers and cyclone separators.



Standard Xchange a Xylem Brand
The industry's broadest range of heat transfer solutions for a broad variety of applications.

TANKS & VESSELS



Steel-Pro
Stainless steel tanks, ASME pressure vessels, and custom-designed equipment used in pulp and paper, food processing, alternative energy, pharmaceutical and general industrial applications.

POLYMER CONCRETE PRODUCTS



Polyshield

PolyShield Structural Technologies

Chemical-resistant foundation system constructed of polymer concrete.



U.S. Composite Pipe

Steel reinforced polymer concrete structures such as: manholes, wet wells and custom structures for use in high H2S environments.

SERVICE & REPAIR



Rotary Air Valve Repair

Complete rotary air valve rebuild service to re-manufacture all rotor housings, rotors, shafts, bearings, and seals to as good as new conditions. Can rebuild most brand of rotary air valve in the market.



Seal Failure Analysis - John Crane

Free service that helps to determine the cause of mechanical seal failure. Knowing what caused the failure helps to avoid future failures.



Sumitomo Drive Technologies

Sumitomo Gearbox Repair

Gearbox repair, rebuild, and upgrade services on any size of equipment. Repairs are completed to the original specification, using genuine spare parts or reverse engineered replacement components.



Tencarva Exchange Programs

Our manufacturers provide us with the ability to offer exchange programs. We will take your damaged equipment in exchange for a discount on new equipment.



Tencarva Fabrication Services

We offer equipment skid fabrication and assembly, including piping, valves, instrumentation and electrical integration.



Tencarva Impeller Balance Service

Each new or repaired impeller is dynamically balanced. You are provided with a copy of the balance report at no additional cost.



Tencarva Laser Alignment

Laser Alignment reduces vibration levels that reduce premature coupling and bearing failure. This substantially increases the mean time between repairs of the pump.



Tencarva Planned Maintenance Program

We provide regular scheduled maintenance on your equipment as a service. Ask your sales engineer for more information about planned maintenance programs.



Tencarva Pump Repair

Tencarva has facility-based repair service centers equipped with the equipment and resources to restore pumps, mixers, blowers and other equipment of any size.



Tencarva Pump Surveys

We will survey all the pumps in a plant and keep records by customer equipment number. This helps to identify bad actors and opportunities for reliability improvement and cost savings.



Tencarva Repair Upgrades

We offer upgrades on baseplate, seals, isolators, labyrinth rings, coupling guards and cast replacement of obsolete parts.



Tencarva Seal/Packing Surveys

We will survey all of the stuffing boxes and seal chambers in a plant. This helps to keep track of what type is used in equipment also helps identify bad actors and opportunities for improvement and cost savings.



Tencarva Service Agreements

We offer repair and maintenance crews on site as a service. We launched long term 'start ups' consisting of 1000+ pumps or equipment. We provide the staff, training, equipment and management as a service.



Tencarva Specialized Coatings

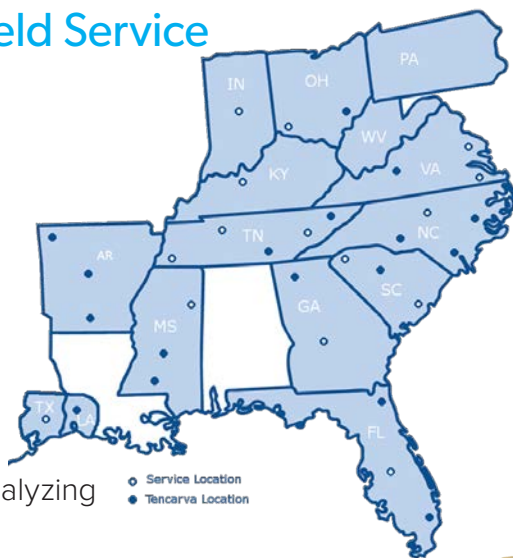
By applying special coatings such as Belzona and Enecon to the internal wear parts of pumps and equipment, the life expectancy, efficiency and performance can be highly improved.

REPAIR



Tencarva Service Shops & Field Service

- Tencarva Repair Centers
- Field Service/Start Up
- Centrifugal Pump Repair
- Vertical Turbine Repair
- Submersible Pump Repair
- Impeller Balancing
- Laser Alignment
- Vibration Analysis
- Thermal Imaging
- Positive Material Identification (PMI) Analyzing

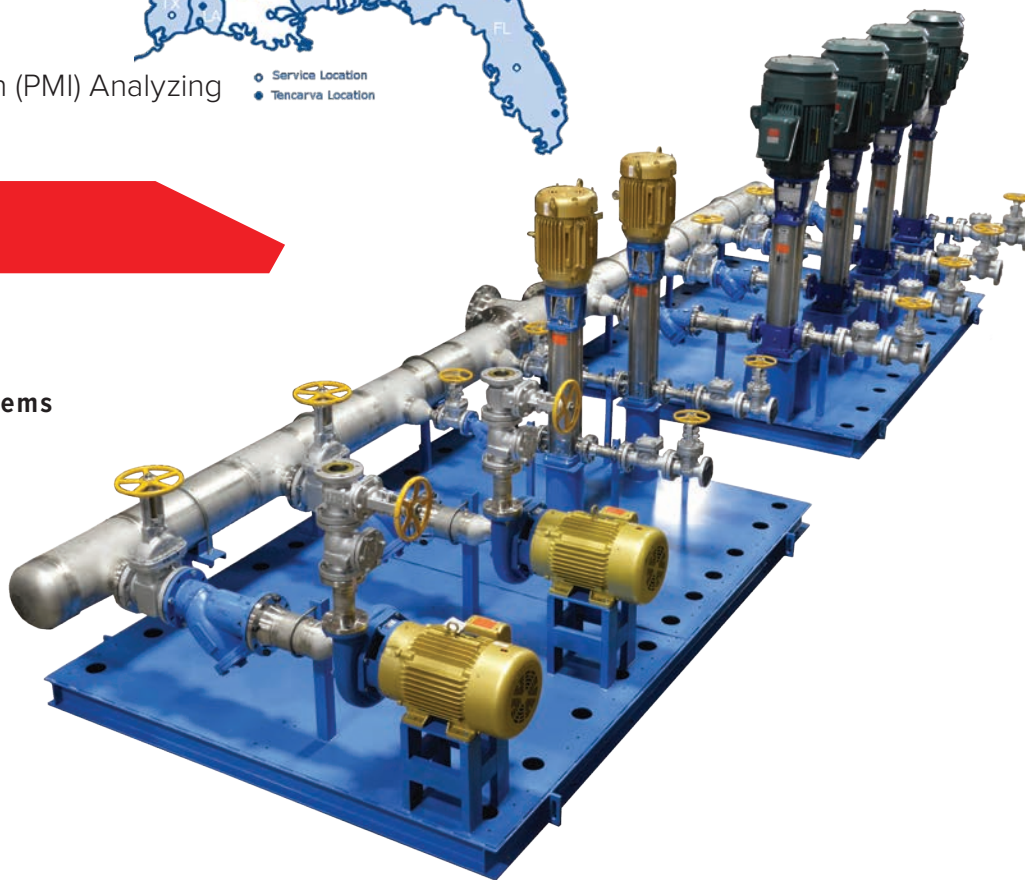


CUSTOM FABRICATION

Equipment Packages

Tencarva designs and builds systems to your specific requirements.

- Multi-Pump Packages
- Booster Stations
- Vacuum and Blower Systems
- Chemical Dosing Skids
- Control Panel Integration
- Certified Surface Polishes
- Digital Instrumentation



How can Tencarva Fabrication help you build the perfect solution for your facility?

CONTACT YOUR HUDSON PUMP LOCATION TODAY

Jacksonville, Florida

Phone: **(904) 733-8144**

10475 Fortune Parkway, Suite 220
Jacksonville, FL 32256

Lakeland, Florida

Phone: **(863) 665-7867**

3524 Craftsman Blvd,
Lakeland, FL 33803

West Palm Beach, Florida

Phone: **(561) 834-7620**

480 Tall Pines Road, Suite L
West Palm Beach, FL 33413

www.hudsonpump.com

