

TENCARVA

MACHINERY COMPANY

**Equipment
Repair
Services**

**Repair Centers
Field Services
Fabrication**



40+

Years of
Service and
Dedication

www.tencarva.com

TENCARVA ★ MACHINERY



24/7/365

EMERGENCY NUMBER

(800) 685-1750



Customer Equipment Form**

SAFETY FIRST



CUSTOMER EQUIPMENT FORM

For everyone's safety, please send this completed form to enable work to begin.

Equipment has been drained and is ready for safe disassembly: Yes No

Any equipment received not properly cleaned and drained will be subject to environmental fees.

Name & signature _____

List product being pumped / mixed by equipment _____

Operating Temp _____ and Equipment Speed _____ (RPM)

Gearbox: oil type, specification _____

Please send Safety Data Sheet (SDS) with the equipment. Applicable: Yes No

If Not applicable, provide explanation: _____

Your Company & Address: _____

Contact name: _____ Date: _____

Phone: _____ E-mail: _____

Equipment Manufacturer / Model / Size / Serial Number / Other:

Reason needing repair: _____

Please ship equipment to our shop location:

(Internal Use below)

Standard Quote

Visual Only Inspection & Quote

Upgrade Quote

Notes & instructions:

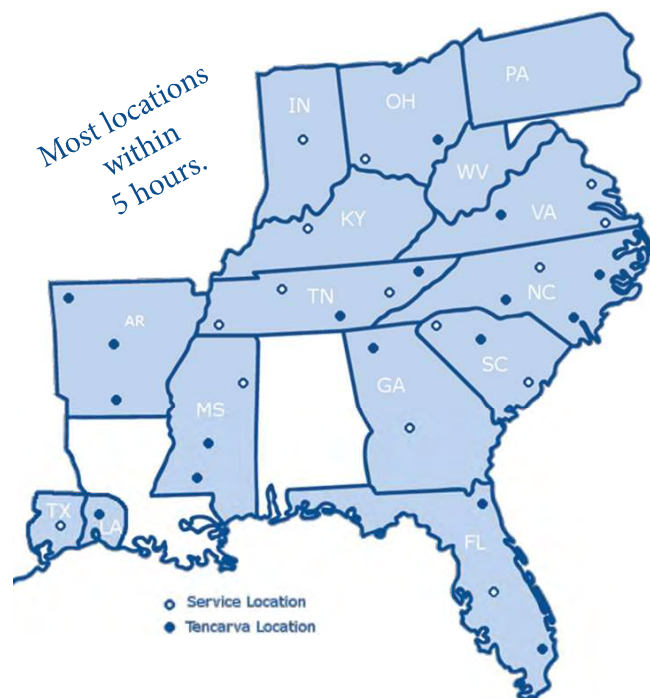
****To download this form in fillable pdf visit:**

<https://tencarva.com/repairs/service-forms-documents/>

Repair Shop Network

FIELD SERVICE AND SHOP REPAIR

- ✓ Root Cause Failure Analysis
- ✓ Pick up and Delivery
- ✓ Cutting and Machining
- ✓ Balancing Services
- ✓ Boring and Milling Service
- ✓ Blasting and Resurfacing
- ✓ Video Scoping
- ✓ Laser Alignment
- ✓ Welding & Fabrication
- ✓ Engineered Upgrades*
- ✓ Equipment Re-rates*



Quick Response & Local Sites

Our 17 repair service centers share expertise and technologies to keep your equipment in top working order.

**Repair performed in conjunction with repair partner.*

Repair Service Centers

Equipment Repair Shops (17)

Lakeland	FL	Greenville	SC
Macon	GA	Charleston	SC
Indianapolis	IN	Knoxville	TN
Owensboro	KY	Nashville	TN
Brookhaven	MS	Memphis	TN
Columbus	MS	Beaumont	TX
Greensboro	NC	Chesapeake	VA
Loveland	OH	Richmond	VA
Marietta	OH		

Submersible Pump Repair: (2 Locations)

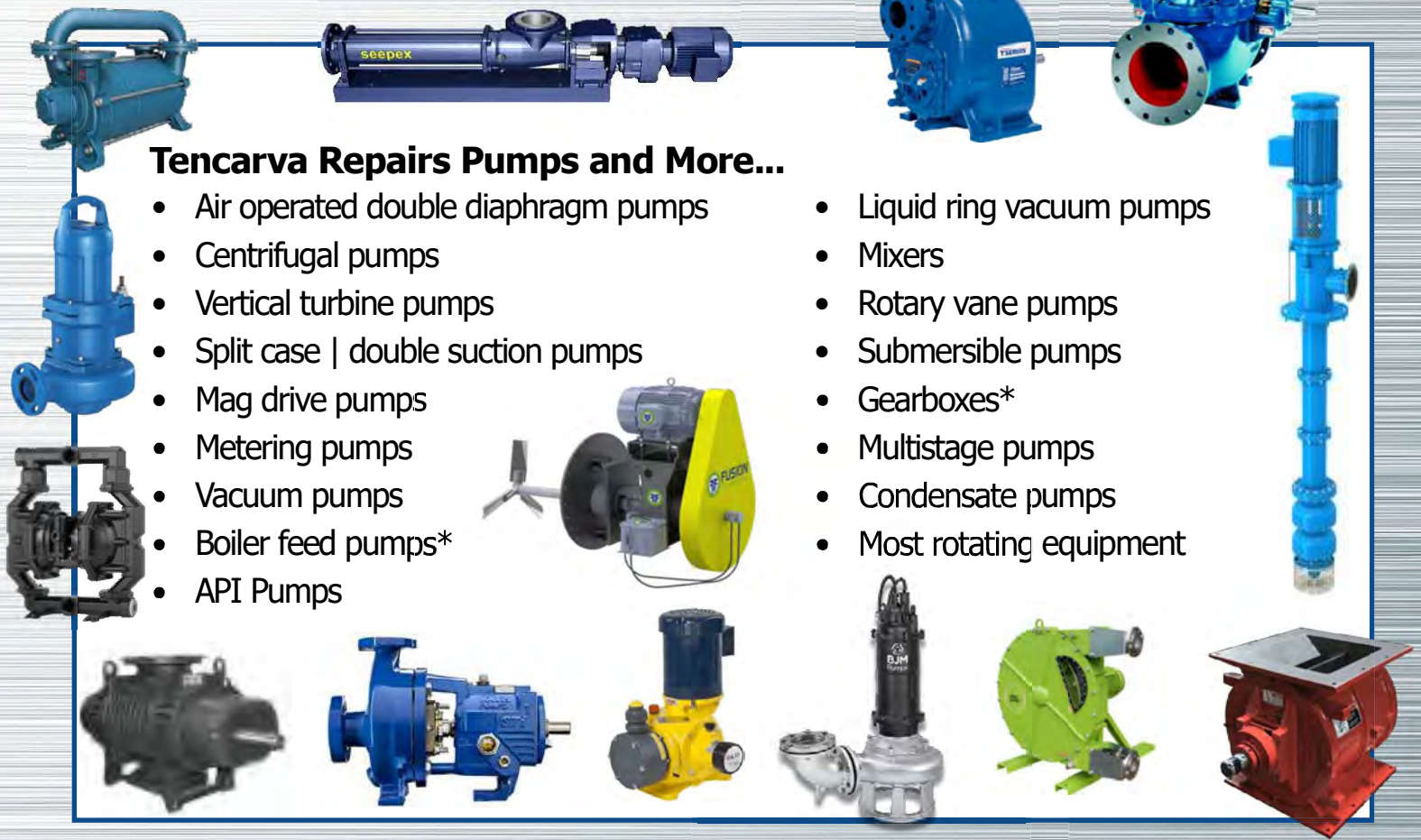
Richmond, VA
Nashville, TN

High Energy Equipment Repair:

ITT ProService*



Pumps and Equipment



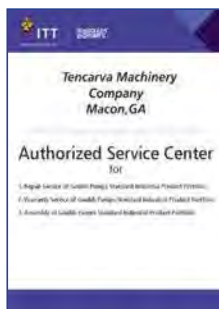
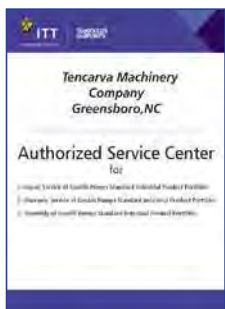
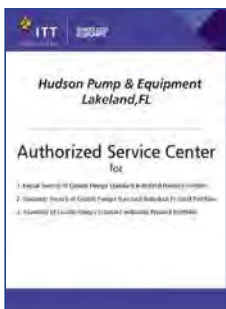
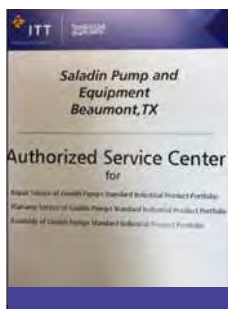
Tencarva Repairs Pumps and More...

- Air operated double diaphragm pumps
- Centrifugal pumps
- Vertical turbine pumps
- Split case | double suction pumps
- Mag drive pumps
- Metering pumps
- Vacuum pumps
- Boiler feed pumps*
- API Pumps
- Liquid ring vacuum pumps
- Mixers
- Rotary vane pumps
- Submersible pumps
- Gearboxes*
- Multistage pumps
- Condensate pumps
- Most rotating equipment

Quality Repair

Quality Repair

- Certifications
- Quality Manual
- Safety Standards and Compliance
- Engineered Reports
- Journaled Regular Calibrations



Field Service



Field Service Technicians

We have a dedicated team of field service technicians experienced in a variety of pumps and equipment.

Your critical equipment will be back online in a safe and efficient manner. We can provide equipment repair at your facility, including removal, installations, start up, troubleshooting, and laser alignment.



Laser Alignment



Laser Alignment Services

When shafts or sheaves are misaligned, seals, couplings and belts can become damaged. Replacing the damaged parts solves the symptoms; however the root cause is often misalignment. Laser alignment is the best solution for correcting these issues.

Vertical Turbine Repair



Vertical Turbine Repair

Tencarva can easily restore your vertical turbine pump's original performance (and in many instances, improve it) by re-bowling.

Complete new liquid ends match all makes of vertical turbine pumps from 6" to 120" ... regardless of manufacturer.

Lifting Capabilities



Crane Services

Our cranes are capable of moving up to 15 tons allowing us to safely move the heaviest of equipment between our specialized workstations.

Submersible Pump Repair



Submersible Pump Repair

Our submersible repair capabilities include motor core testing, electrical diagnostics, up to 400HP VFD testing, lathes, presses, and a painting booth area.

Machining Capabilities



Machining Services

Our specialists can provide you custom machining with exacting accuracy and precision. We machine carbon steel, stainless steel, and tool steel. No job is too big or small for us!

Impeller Balancing

Proper Balancing...

Substantially reduces repairs and increases the useful life of your equipment.

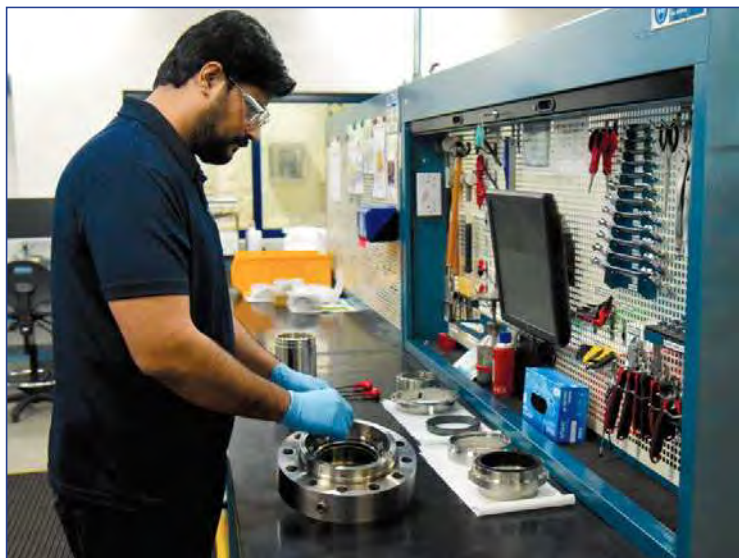


Every impeller balanced by a Tencarva repair center, at a minimum conforms to a ISO G 1.0 specification and upon request comes with a balance report certificate ensuring that the impeller is within the exact specifications. If even higher calibration balancing is required, our equipment is capable of balance as close as 4W/N. (4 times weight over specific speed)



The Tencarva repair network is capable of balancing elements to 5000 lbs, 72" in diameter and 12 feet in length. All our balancers are calibrated and certified.

Mechanical Seal Repair



Mechanical Seal Repair

Mechanical seals play a critical role in the operation of many pumps and other rotating equipment. When they fail it can become a hazardous, and costly ordeal.

Through our partnership with **John Crane**, we have the resources to rebuild mechanical seals and have your equipment operational for less cost than a new replacement seal.



INPRO/SEAL Upgrades



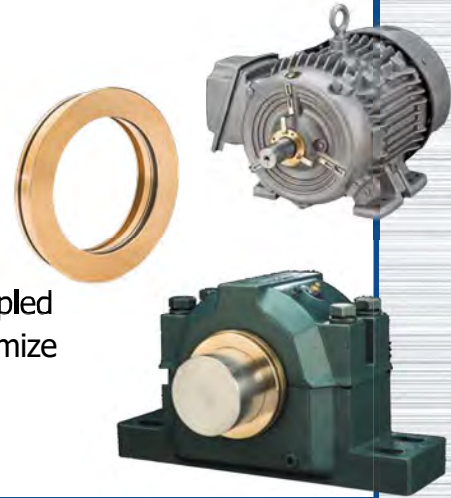
Bearing isolator upgrades provide permanent bearing protection on rotating equipment, increasing reliability and maximizing uptime by preventing lubricant loss and contamination.



AirMizer provides effective product sealing through positive air pressure, successful where many other products fail.

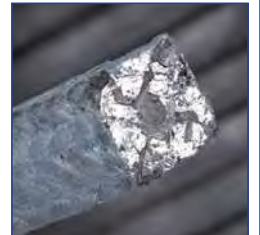


Shaft Grounding solutions protect motors and coupled equipment from damaging electrical currents to maximize equipment reliability, reduce costly maintenance and minimize unscheduled downtime.



SealRyt Upgrades

SEALRYT
CORPORATION



SealRyt solves issues others can't...

The root cause of most rotating equipment failure is shaft movement. SealRyt®'s patented technology has proven its ability to seal, support shafts, and increase reliability.

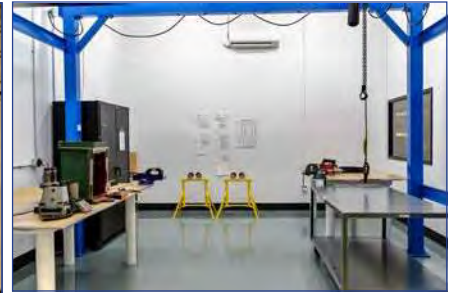
SealRyt®'s developed a shaft stabilization methodology which retrofits into existing stuffing boxes without box modification, combines high-capability bearing structures with either super-conductive soft sealing materials or mechanical seals.

Pumps – Agitators – Soot Blowers – Line Shaft Bearings – Packing & Glands



Clean Room Repair*

We offer SKF certified expertise in clean room assembly of gearboxes and bearing installations.



* Clean room repairs are available at Lakeland, Fla. and Macon, Ga.

Clean Room Services Include:

- Bearing Installations
- Gearbox Assembly
- Controlled Environment
- Positive Pressure Air
- 700 ft² Climate Controlled

Rotary Valve Repair / Replacement



How Rotary Airlock rebuilds your valves:

- Recycle your rotor and endcaps and build them NEW
- Media blast the remaining housing
- Refinish the ID of the housing for concentric fit
- Install new rotor and endcaps

BEFORE:



AFTER:



Features that make Rotary Airlock a great choice include:

- Cost savings for repair vs. replacement
- One-year warranty and pick-up services available
- Quick turn-around time on repairs
- Precision in-house machining to factory specifications
- Rush service available
- Custom fabrication and designed solutions
- 100% American made products, repair and assembly

Tencarva Gearbox Repair



Spin Test Table



Tencarva Gearbox Repair...

Our sales engineers understand gearbox application, life-cycle history, maintenance procedures and the problems you often experience.

Whether you need a solution to an existing problem, technical expertise, new gearbox or on-site services you can count on us to be your gearbox engineered solutions provider.

When you need more performance from your gearbox we offer upgrades, retrofits and replacements.

Sumitomo Gearbox Repair

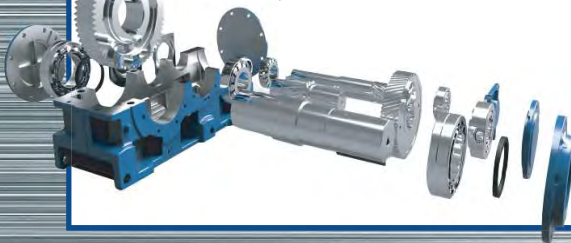


Sumitomo Gearbox Repair...

- ⚙ Large gearbox offerings (Paramax/Hansen)
- ⚙ Drop-In/Retrofits of competitors units (both current and obsolete)
- ⚙ On-Site gearbox inspections/inspection reports/repairs
- ⚙ Duplicate replacements of Sumitomo family (Paramax/Hansen/Cydo)
- ⚙ Design and manufacture a complete line of open gearing for a variety of applications
- ⚙ Repair capabilities for any manufacturer
- ⚙ Customized units



Sumitomo Drive Technologies



Specialized Coatings

Specialized coatings such as Belzona, Enecon and HVOF Coating will extend the life of your rotating equipment.

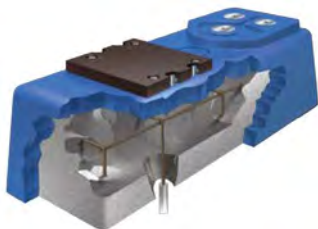


Specialized Coatings

Provides protection in the following cases:

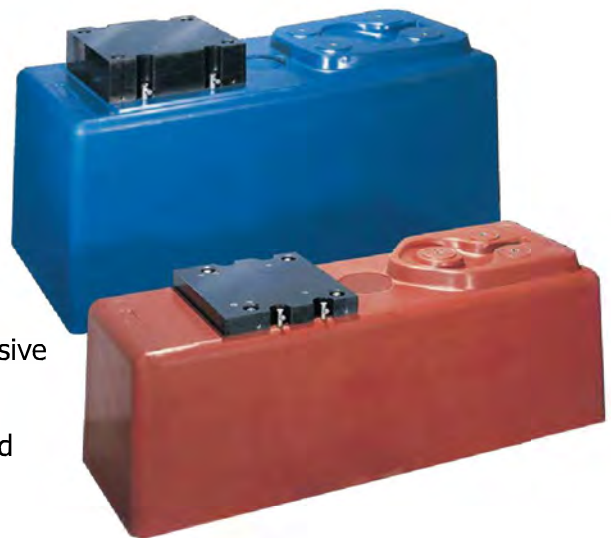
- Abrasive services
- Corrosive chemicals
- De-ionized water
- Excessive wear
- Cavitation
- Erosion
- Leak repair
- Resurfacing
- Galvanic corrosion

Baseplate/Foundation Replacement



Baseplate / Foundation Replacement

Repairs to conventional concrete foundations are costly, labor intensive and time consuming. Moreover, acid-proofing foundations for corrosive use pumps is difficult and prone to repeat failure.



Why we should be replacing your damaged baseplates...

Polymer concrete bases are the preferred pump foundation solution.

This chemical-resistant foundation system can be set in place, filled with concrete and ready to operate in less than two days.

Uniguard Guarding Upgrades



Uniguard Guarding Upgrades

Uniguard Machine Guards manufactures vertical belt machine guards, horizontal belt machine guards, machine guards with a clear polycarbonate inspection window, OSHA-compliant, MSHA-compliant polyethylene guards, nonmetallic adjustable-width machine guards, and ANSI/OSHA-compliant nonmetallic pump guards.

Tier III Service Capabilities



ProServices - ITT Tier III - High Energy Pump Repair

Capabilities include Tier III repair for high energy pumps such as replacement parts, repair, engineering upgrades, predictive maintenance, reliability improvement and maintenance contracts. ProServices offers installation and commissioning, root cause failure analysis, condition monitoring, and engineering services.

Procast Replacement Parts

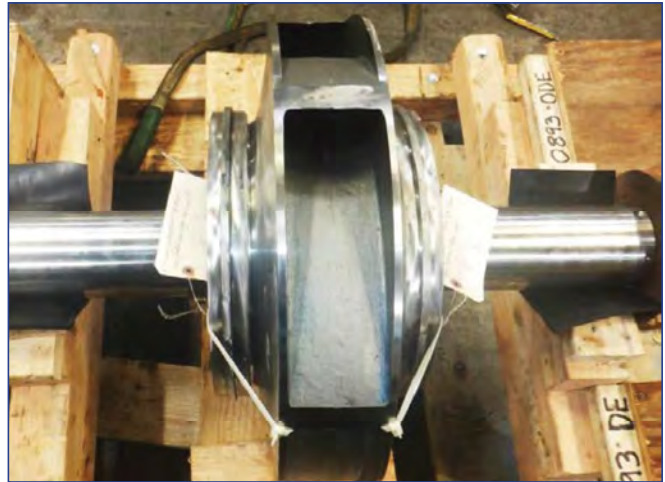


Obsolete doesn't have to mean impossible

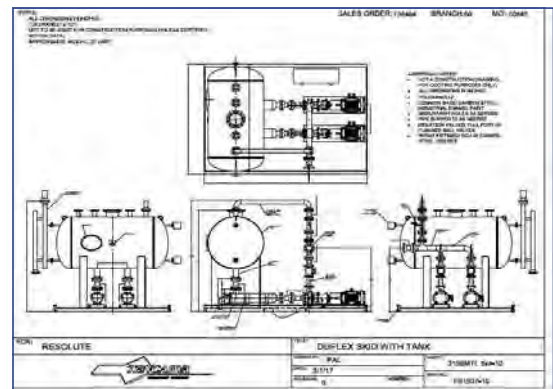
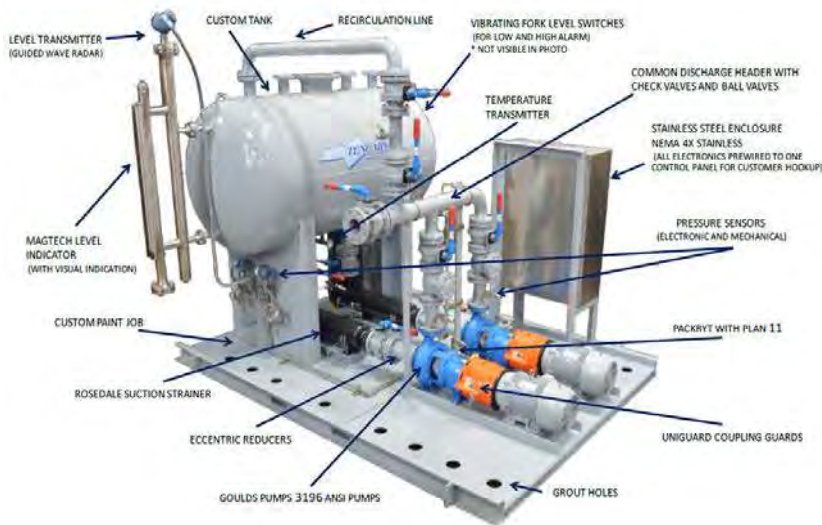
Procast Replacement Parts

ITT PRO Services offers ProCast® engineered replacement parts for all brands of industrial pumps and rotating equipment. ProCast parts meet or exceed OEM specifications at very competitive pricing and often with faster lead times.

ProCast parts deliver the advantages of ITT's advanced modeling capabilities, in-house foundry and integrated pattern shop, and more than a century of pump design and manufacturing experience for a variety of applications worldwide.



Fabrication Services



Design Documentation
is available upon
request for fabricated
packages



Fabrication Services

Tencarva's team of experienced designers can work with you to model a packaged system solution to meet your specific needs and specifications. To ensure a seamless installation, we can provide drawings to include general arrangement, piping configuration, and electrical distribution/wiring.

Fabrication Photo Gallery



Custom 3996 Hanging Bases



Apex Duplex w/Controls



Tandem Package Skids



AODD Multi Pump Package



AOD Filter Tank System



Self-Priming Fire Pump w/Bases



Metering Pump Skid



High Pressure Multi Stage Control Package



SS TriPlex Booster System



Custom Axial Flow Bases w/
Motor Adjusters



Duplex Booster Package
w/Controls



TriPlex Filtration Skid



Self Regulating In-Line Heat
Exchanger



Controlled Progressive Cavity
Pumping System



Custom Designed Water-Weigh
Dosing Platform



Vacuum Frame w/Motor
Adjustments



Contact Your Local Tencarva Location Today

Arkansas

Little Rock

9720A Interstate 30
@ Warehouse Road
Little Rock, AR 72209
Phone: (501) 565-0105

Springdale

1104 Shaver Street
Springdale, AR 72762
Phone: (479) 872-8642

El Dorado

1070 Hinson Road
El Dorado, AR 71730
Phone: (870) 677-6270

Mississippi

Madison

464 Church Road
Suite 800
Madison, MS 39110
Phone: (601) 502-2400

Brookhaven

984 Hwy 84 East
Brookhaven, MS 39601
Phone: (601) 823-0510

Columbus

2611 Cleda Drive
Columbus, MS 39705
Phone: (662) 570-6290

Georgia

Cumming

5320 Lake Pointe Center Drive
Suite D
Cumming, GA 30041
Phone: (770) 888-0202

Macon

110 Gateway Drive
Macon, GA 31210
Phone: (478) 471-7867

Kentucky

Owensboro

Fischer-Process & Equipment
2615 Warehouse Road
Owensboro, KY 42301
Phone: (800) 543-7000

Tennessee

Nashville

2937 Kraft Drive
Nashville, TN 37204
Phone: (615) 742-3101

Chattanooga

4071 S. Access Road
Suite 105
Chattanooga, TN 37406
Phone: (423) 892-8928

Johnson City

5 Worth Circle
Johnson City, TN 37601
Phone: (423) 282-5455

Alcoa

3057 Regal Drive
Alcoa, TN 37701
Phone: (865) 588-7674

Memphis

4465 Getwell Road
Memphis, TN 38118
Phone: (901) 794-7570

North Carolina

Greensboro

1115 Pleasant Ridge Road
Greensboro, NC 27409
Phone: (336) 665-0250

Charlotte

417-B Minuet Lane
Charlotte, NC 28217
Phone: (704) 521-9400

Greenville

100B Staton Court
Greenville, NC 27834
Phone: (252) 695-0400

Wilmington

1200 North 23rd Street
Suite 111
Wilmington, NC 28405
Phone: (910) 799-8800

Indiana

Indianapolis Fischer-Process & Equipment

7710 Moller Road
Indianapolis, IN 46268
Phone: (800) 543-7000

Virginia

Richmond

12200 Wilfong Court
Midlothian, VA 23112
Phone: (804) 639-4646

Chesapeake

933 Corporate Lane
Chesapeake, VA 23320
Phone: (757) 548-0400

Salem

1410 Mill Race Drive
Salem, VA 24153
Phone: (540) 375-7240

Ohio

Loveland Fischer-Process & Equipment

155 Commerce Drive
Loveland, OH 45141
Phone: (513) 583-4800

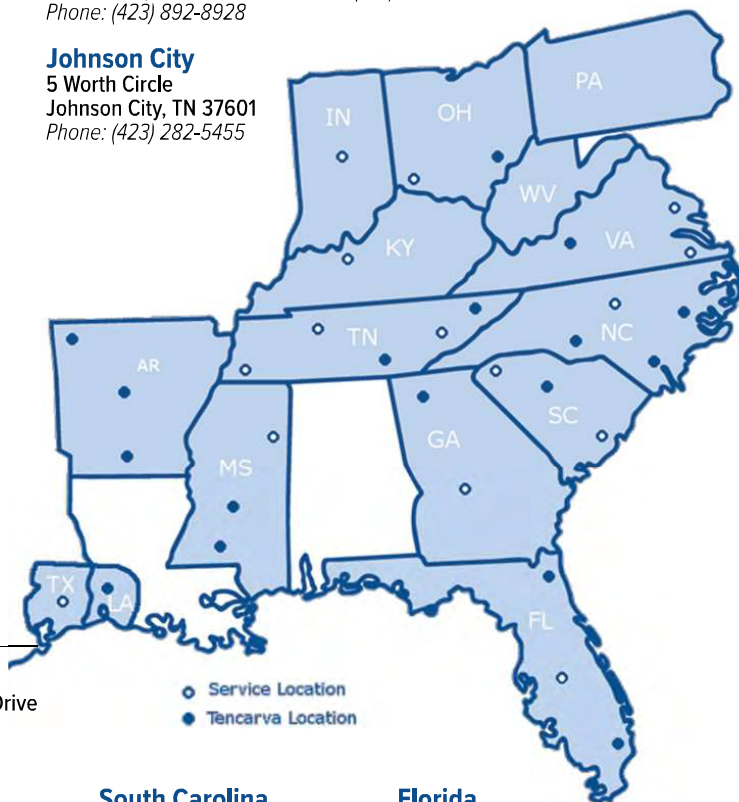
Marietta Fischer-Process & Equipment

State Route 821
2343 Building 10
Marietta, OH 46720
Phone: (513) 583-4800

Texas

Beaumont Saladin Pump & Equipment

4510 West Cardinal Drive
Beaumont, TX 77705
Phone: (409) 860-3442



South Carolina

Columbia

1405 Old Dairy Drive
Columbia, SC 29201
Phone: (803) 256-8100

Greenville

14 Park Place Court
Greenville, SC 29607
Phone: (864) 277-6860

North Charleston

2460 Remount Road
Suite 101
North Charleston, SC 29406
Phone: (843) 747-1173

Florida

Jacksonville Hudson Pump & Equipment

10475 Fortune Parkway
Bldg. 200/Suite 220
Jacksonville, FL 32256
Phone: (904) 733-7828

Lakeland

Hudson Pump & Equipment
3524 Craftsman Boulevard
Lakeland, FL 33803
Phone: (863) 665-7867

West Palm Beach Hudson Pump & Equipment

480 Tall Pines Road
West Palm Beach, FL 33413
Phone: (561) 834-7620

24/7/365
EMERGENCY NUMBER
(800) 635-1750

www.tencarva.com

