



Shell & Tube Heat Exchangers

TITANIUM · TANTALUM · ZIRCONIUM · HASTELLOY® · DUPLEX STAINLESS STEEL

www.tricormetals.com

Tricor Metals

Ohio Division

3225 West Old Lincoln Way
Wooster, Ohio 44691
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Phone: 330-264-3299
Fax: 330-264-1181

Tricor Metals

Texas Division

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Conroe, Texas 77385
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Tricor Metals

Michigan Division

44696 Helm St.
Plymouth, MI 48170
Toll Free: **1-800-421-5141**
Phone: 734-454-3485
Fax: 734-454-7110

Tricor Metals has extensive fabrication and design experience with ALL of the most advanced metals for corrosion-resistance!

INDUSTRIES SERVED

- Chemical
- Pulp & Paper
- Pharmaceutical
- Refinery
- Off-Shore Technology
- Flue Gas Desulfurization
- Water Purification
- Food & Beverage Industry
- Geothermal
- Steel Processing
- Power Generation

MATERIALS

- Titanium
- Zirconium
- Tantalum
- Niobium
- Nickel Alloys
- Inconel
- Duplex Stainless Steel
- Stainless Steel
- Explosive Bonded Materials

TUBE SIZES

- 1/4" through 2-1/2"

SHELL DIAMETER

- 6" to unlimited

SHELL LENGTH

- 2" through 96"

QUALITY STANDARDS

- ASME Section VIII Division 1 & 2
- ASME Section IX
- TEMA
- CE stamped units to PED
- ISO 9001:2008 QMS

ENGINEERING

- ASME Section VIII Division 1 & 2
- Aspen (Thermal Design)
- HTRI (Thermal Design)
- CodeCalc (Mechanical Design)
- PV Elite (Mechanical Design)
- AutoCad (Drawings)
- FEA analysis for flanged & flued exp. jts.
- AutoDesk Inventor – 3D & 2D

SPECIAL APPLICATIONS/FEATURES

- Mechanical (roller) expanded tube-to-tubesheet joints
- Hydro-expanded tube-to-tubesheet joints
- Seal-welded tube-to-tube sheet joints
- Strength-welded tube-to-tube sheet joints
- Thermal oxide coating designs for added erosion & corrosion resistance
- Extended surface tubing available
- Flush mount tube to tube sheet for full drainability
- Polishing requirements up to 15 Ra
- Double tube sheet design
- Platinum spotting for tantalum units
- Leak detection ports on mechanically lined tube sheets
- Solid or explosive bonded designs to fit your requirements

