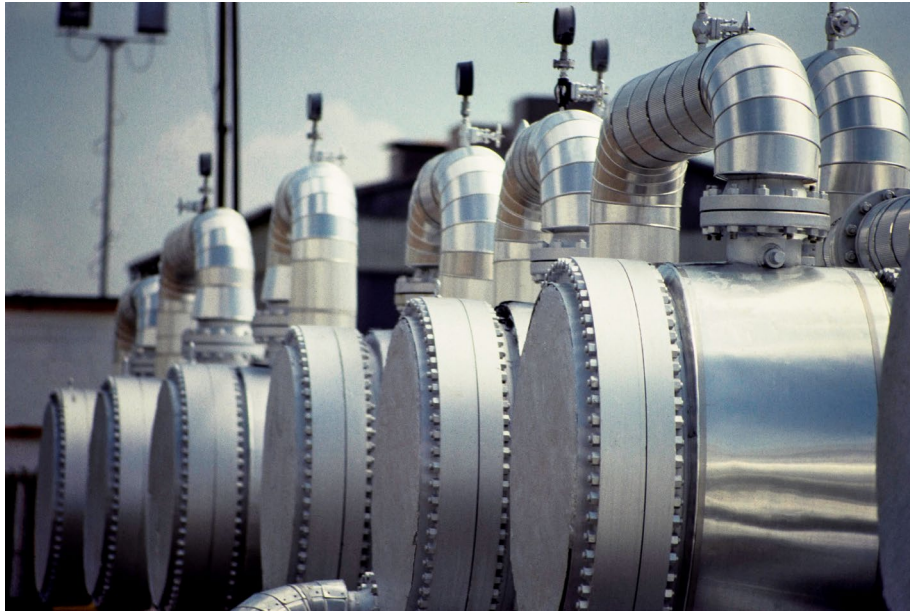


Heat Exchanger Products

With more than 8 years of experience with the design and fabrication of “Air Cooled”, and “Shell & Tube Heat Exchangers. We can solve the most complex heat exchanger requirements.

With our strong background in heat transfer design and our approach to efficient and cost-effective manufacturing. HTT is poised to become the innovative leader in the heat exchanger market.



HTT can design and fabricate all TEMA type “shell & tube” heat exchangers including:

- *Kettle type Reboilers and Chillers (“K” type shells with or without weir plates)*
- *High Pressure Gas-Gas “Shell & Tube” Exchangers utilizing fixed tube sheets (AEL/BEM/NEN)*
- *Split flow type shells utilizing both welded in our removable long baffles (“F” type shells)*
- *Cross flow type shells (“J”, “X” and “H” type shells)*
- *Hair Pin type exchangers (“U” bundles)*
- *Floating Head type exchangers (“S”, “T” and “P” bundles)*

HTT can design and fabricate most “air cooled” type heat exchangers including:

- *Condensers with sloped tubes for free draining*
- *Forced or Induced draft*
- *Horizontal or Vertical airflow*
- *Ambient coolers*
- *Single or Multi Fan configurations with either fixed or auto-adjustable blades*
- *Single Speed, 2 Speed and VFD motors to meet any environment or electrical requirements*
- *V-Belt, HTD belt, Gear or Direct drivetrain configurations*
- *Accessories including Louvers, Hail Screens, Hot Air Recirculation Systems, Ladders and Walkways*
- *O.E.M equivalent replace parts including gaskets, header plugs, tubes, motors, belts, bearings and fans.*

HTT Capabilities

Certification and Qualifications

- ASME Boiler & Pressure Vessel Code Certified. Section VIII Div 1 & Div 2
- National Board Boiler & Pressure Vessel Code

Welding Capabilities

SAW, SMAW, GMAW, GTAW, FCAW

- Carbon Steel
- Stainless Alloys
- Duplex Alloys
- Aluminum
- Chrome



Our ASME Facilities in Oklahoma

12,000 SQ-FT at Collinsville OK

- 12,000 SQ FT Manufacturing Facility
- Two (2) overhead doors up to 16' x 25'
- 5 acres outside storage
- 90 Ton Press Break
- 12' manipulator Sub Arc and 6' Manipulator Sub Arc with Lincon ideal arc DC600
- Bernard Sub Arc W/ 8 Feeder
- WP 500 Profax Positioner
- Miller 4567 with a single feed
- Lincon DC 400
- Pak Master 150 x L Plasma
- Plate rolls 8' x ¾":
- 5 x 10 CNC Plasma Table
- Drill Presses
- Cutter torch carts with torch sets
- Pipe Bevel torches
- Idle rolls
- Forklifts - 8K, 14K and 16K
- Tube Rollers for exchanger tubes

170,000 SQ-FT at Tulsa OK

- 2 acres outside storage
- Eight (8) overhead doors up to 16' x 25'
- Three (3) 25 Ton Cranes
- Four (4) 10 Ton Cranes
- Ten (10) 5 Ton Cranes
- One (1) 80 Ton Turning Roll
- Three (3) 50 Ton Turning Rolls
- One (1) 20 Ton Turning Roll
- Plasma Table 5 axis Beveling
- Carbon Steel 3" Straight cut & 2 ½" Bevels @45
- Stainless Steel 2" Straight cut & 1 ½" Bevels @45
- Shear
- Haas CNC
- Iron Worker/Punch Press
- Cut-off Saw
- Band Saw
- Drill Press
- Eight (8) Pinwheels
- Sand/Paint Booth
- Scissor Lift
- Forklifts – 7.5 Ton – 5 Ton – 4 Ton – 1.5 Ton

ENGINEERING CAPABILITIES

With HTRI (Heat Transfer Research Institute) and Aspen Tech, HTT uses the most accurate heat transfer correlation data to ensure that our heat exchanger designs are precise and operate correctly in their service requirements

Using in-house developed software and recognized industry software, HTT accurately designs our equipment to meet all ASME requirements plus customer specifications, API 660 and API 661 as required.

Combined with our proprietary design methodologies, HTT has established a reputation for providing engineering packages for approval in days instead of weeks.

