

HEAT EXCHANGERS & PRESSURE VESSELS

A Company with a History

Johansing is a premier heavy industrial service company and a trusted outsource partner with a long history of design, repair, and manufacturing for process industries all over the world. Our reputation is built on over 40 years of providing quality services, bringing seasoned technical expertise and proven problem solving skills to every project whether we're called on for engineering design, new construction, or repair of existing equipment. It all began with building our first heat exchanger for the food industry in 1981.

Quality and Customer Service

Providing the resources and solutions for our customers.

Full Services for Heat Exchangers and Pressure Vessels:

- Replacement Tube Bundles
- New TEMA Shell & Tube Fabrication
- ASME and TEMA Spec Air Coolers
- Repairs and Upgrades
- Custom Designs and Engineering
- ASME Pressure Vessels and Storage Tanks

We specialize in re-tubing, "R" stamp weld repairs, alterations, and machining of heat exchangers of all types. We can provide quick turn-around times for replacement U-tube bundles and you will find our pricing very competitive. The design and materials used in tube sheets, baffles, and tubes can be varied to meet your functional requirements and cost considerations. For new construction, send us your Heat Exchanger Specification Sheets. Let our experienced staff assist you with designing the best, most cost-effective unit for your needs.

Mechanical Engineering & Design

Johansing provides mechanical engineering and design services, including consulting, research and development, design, and prototyping. Our skills focus on ASME Pressure Vessel design, TEMA Heat Exchanger design, reverse engineering of existing equipment, as well as part replication, and system or part upgrades. We use every modern tool at our disposal including but not limited to:

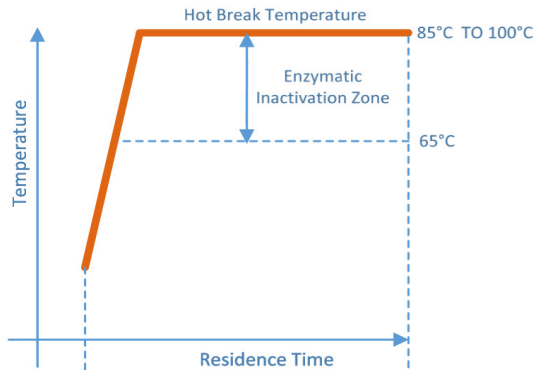
- Electronic Design Automation (EDA)
- Computer Aided Engineering (CAE)
- Computer Aided Manufacturing (CAM)

Shop Capabilities

- 75,000 Sq. Ft. Shop
- 60 ton Lifting Capacity
- 2 Shifts Available
- Pickup and Delivery Available



Solutions for your Business Needs



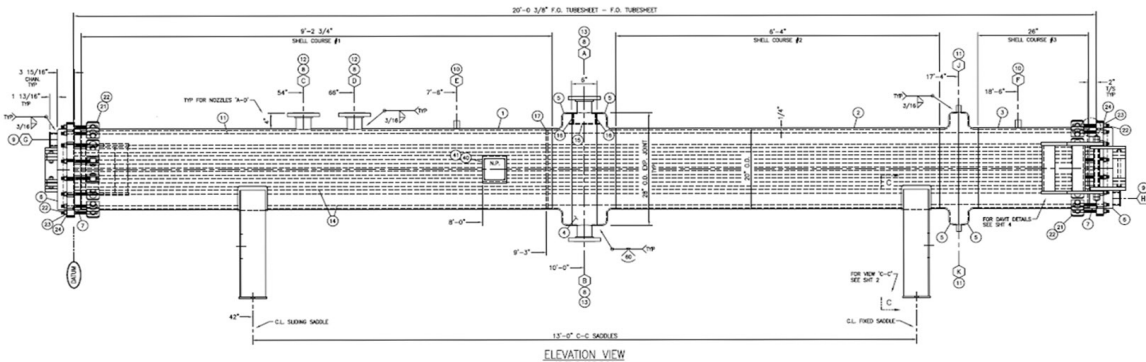
- High thermal efficiency in a compact design.
- High flow velocity for uniform product heating.
- Ease of access for cleaning and inspection.



18-Pass Design



The “break” is a very important stage in the process, providing thermal energy to stop the enzymatic activity. Johansing provides a multiple pass Shell and Tube Heat Exchanger utilizing a controlled steam source as the heating medium allowing a range of “break” temperatures depending on the desired end- use; referred to as “hot break” and “cold break”.



Certifications

- CE and TUV
- ASME “R”, “S”, “U”

Welding

- FCAW and TIG/GMAW and GTAW
- Submerged arc welding (SAW)
- Spray welding
- Orbital welding

CNC Machining

60”x30”x30” •

Turning

240” Diameter •
72” Diameter x 30’ •

Milling

14’ x 14’ x 40’ •

Industries Served

- Chemical
- Food Processing
- Mining
- Petro-Chemical
- Power Generation
- Environmental
- MSW & HAZ Waste Treatment
- Sludge & Wastewater
- Paper & Pulp

Services Offered

- Consulting
- Engineering
- Design
- Manufacturing
- Equipment Repair
- Fabrication & Welding

Products Offered

Complete Heat Exchanger Services

- Tube Bundles
- Replacement Components
- TEMA Shell & Tube Fabrication
- Air Coolers
- Repairs
- Custom Designs

ASME Pressure Vessels

- Engineering & Drafting Services
- Replacement
- New Construction to 4000 psig

Process Piping & Skid Mounted Systems

- Filtration Systems
- Skids
- Piping Systems

General Fabrication

- Storage Tanks
- Boiler & Piping
- R&D • Piping Systems

Partial Customer List

- Aerojet Rocketdyne •
- AXT, Inc. •
- Bay City Boiler •
- Bayview Engineering •
- Bay Ship & Yacht •
- C&H Sugar •
- California Hydronics Calpine •
- Chemtrade Solutions LLC •
- Energy Recovery •
- EnviroCare International •
- Department of Water Resources •
- Gavial Engineering & Manufacturing Genentech, Inc •
- Generon IGS, Inc •
- GTI - Gas Technology Institute •
- Jacobs Technology Inc. •
- John Bean Technologies Corporation •
- Lawrence Berkeley Labs •
- Maag •
- Matson •
- Membrane Technology & Research •
- Monolith Materials •
- One Source Engineering •
- Pacific Wine Partners •
- Pratt & Whitney •
- Puglia Engineering •
- Pyro Combustion of California, Inc. •
- RF MacDonald •
- San Jose Boiler •
- Schutte & Koerting •
- Seaport Refining & Environmental •
- SLAC •
- Spiral Water Technology •
- SRI •
- Stanislaus Food Products •
- Stanford University •
- Turbo Machining •
- Tyco •
- UC Berkeley National Labs •
- University of Central Florida •
- University of Michigan •
- Vortech Industries •



(707)-745-9970
Johansing.com
Benicia, CA

Proud Partner of

