

## Systems Integration

# ASME Pressure Vessels

## Custom Fabrication

Janicki Industries offers the design, fabrication and testing of complete process and production skid packages featuring pressure vessels, piping, structural steel, and installation of instruments and electrical components.

We specialize in large diameter and heavy wall pressure vessels. We can provide turn-key support from design, thru fabrication, test, delivery, and startup.



Customer Pressure Vessels



ASME Section VIII and IX CERTIFIED

ASME "U" Stamp, "S" Stamp  
and "R" Stamps

ISO 9001:2008 CERTIFIED

ASME IX CERTIFIED

AWS D1.1, D1.2 & D1.6 CERTIFIED

SNT-TC-1A NDI CERTIFICATIONS



Boiler

- ▶ Extremely large-scale capacities
- ▶ Accuracy to .003 inches
- ▶ Real-time metrology for increased accuracy
- ▶ Highly skilled workforce
- ▶ Short turn-around projects



Certified Welders



Sludge Vapor Filters

### Engineering Design Capabilities

Janicki routinely performs the following services in-house for pressure vessels:

- ▶ Complete Design Services
- ▶ Designs provided in Codeware Compress Software
- ▶ CATIA / Unigraphics NX
- ▶ Stress Analysis
- ▶ Finite Element Modeling
- ▶ Reverse Engineering
- ▶ Design to Customer Standards



Custom ASME Skid Package

# Facilities and Equipment for your ASME Skid Package Projects

Janicki continues to invest in fabrication equipment, support personnel and facility upgrades to produce high quality boiler and piping skid packages. Our certified welders, large bays, overhead cranes, and 1,100 Ton forming press can handle your biggest projects. Our high-precision NC Mills can machine tight tolerance and complex surfaces. Combine these with our annealing furnace, metrology capabilities and experienced automation technicians and you can see Janicki is a world-class supplier of ASME Skid Packages.

## Equipment

- ▶ High-Tolerance Welding Tables - Up to 16' x 70'
- ▶ GTAW, GMAW, FCAW and SMAW Welding Machines
- ▶ Alpha Laser Cladding System
- ▶ (2) Large Waterjet Cutters - Up to 14' x 42'
- ▶ 5 Axis Plasma Cutter
- ▶ 500 Ton Press Brake w/ 12' Bed
- ▶ 1,100 Ton Forming Press - Forming to 3"
- ▶ (9) Custom Built 5-Axis Mills - Up to 100' x 20'
- ▶ Complete Machine Shop - 4 & 5 Axis Mills and Lathes
- ▶ Tube and Pipe Pinch/Bend Machines
- ▶ Metrology Laser Trackers and Faro Arm
- ▶ Blast & Paint Booths—60'x16'x10'
- ▶ New Sandblast & Paint Booth 20' x 40'
- ▶ Annealing Furnace - 24' x 72'
- ▶ Autoclave - 50' Long x 12' Ø
- ▶ Cleanroom—9,300 ft<sup>2</sup>



Janicki UL Cabinet Shop



Forming Press



Large well-equipped facilities



Laser Tracker



Annealing Furnace

**JI offers skid packages featuring pressure vessels, piping, structural steel, and installation of instruments and electrical components.**

**our quality promise**

- ▶ Dedicated Continuous Improvement
- ▶ Deliver Quality Products
- ▶ Exceed Customers' Requirements

**Sedro-Woolley, WA**  
117,000 ft<sup>2</sup>

**325**  
Employees

**Hamilton, WA**  
164,000 ft<sup>2</sup>

**361**  
Employees

**Layton, UT**  
100,000 ft<sup>2</sup>

**63**  
Employees



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