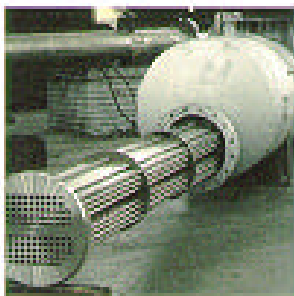




Fabrication Facilities & Capabilities



Modern Facilities . . . Dedicated People. The Gaston Fabrication Difference.

At Gaston Fabrication we've developed a team of motivated people and provided them with the necessary facilities to turn great ideas into superior products. The results are evident. With 80 years of service to the world textile industry, Gaston Fabrication has become recognized as a quality supplier of custom-built stainless steel and high alloy process vessels and heat exchangers for the chemical, pharmaceutical, food, paper and related process industries.

In our plants, containing over 245,000 square feet of manufacturing space, we are constantly improving machinery facilities and equipment to maintain our leadership position. We regularly upgrade the skills of our plant personnel, whom we consider to be our most important resource. We invite you to visit Gaston Fabrication, meet our craftsmen, review our Quality Assurance Program and examine the products we build. You'll find us to be an excellent business partner.

Production Facilities & Capabilities

Machining

(Number of major tools and maximum capacity)

(3) Vertical turret lathes

Table size - 46" to 84"; maximum swing - 96"; head travel vertical - 30"; height under rail - 79".

(1) Horizontal boring mill

Table size - 48" x 96"; table travel - in/out 38" horizontal 96"; head travel vertical - 79"; spindle - 5" diameter; table load - max. 35,000 lbs.

(16) Lathes (engine and turret with digital read-out)

(3) Milling machines

(2) CNC Machining centers

Table - 26" x 65"; 30-tool auto changer; table capacity - 4,000 lbs.

(1) CNC Lathes

12" & 16" chucks; maximum swing - 22" x 60" between centers

Fabrication & Forming

(Major equipment pieces and maximum capacity)

(1) Pines #4 pipe bending up to 5 pipe

(2) Plate shears - maximum 12' wide x 3/8" stainless

(6) Plate rolls - maximum 12' wide x 1" thick

(2) Head forming stations - maximum 12' diameter x 1" thick

(1) Plasma cutting station

Table - 10' x 30' with CNC control

(2) Press Brakes - maximum 14' wide, 1" thick

(1) Whitney 746C Panelmaster combination punching and plasma burning

Welding

(32) Welding stations including: automatic welding (GMAW, SMAW, GTAW, SAW); seam welders to 12' ID; manipulators - 12' x 12'; positioners to 25,000 lbs.

Certifications with the following materials: 304, 316, 317, Carpenter 20, Nickel 200, Inconel® 600, Monel® 400, Hastelloy® C276, Hastelloy B, Hastelloy B2, Hastelloy G3, 904L, 254 SMO, C22, Duplex 2205, Duplex 255, CuNi, Carbon Steel

(Continued)

Production Facilities & Capabilities (continued)

Metal Finishing

(2) Painting

Walk-in rooms - 12' doors x 35' long

(2) Abrasive blasting booths

Walk-in room - 20' door x 50' long for stainless

Walk-in room - 14' door x 30' long for carbon steel

(2) Cabinets - 37" wide x 28" high x 48" long

Material Handling

Largest bay - 66'-6" x 750'

Lifting capacity - 60,000 lbs.

Maximum clearance under hook - 30'-1/2"

Largest loading door - 14'-6" high x 17' wide

Codes and Standards

- ASME Section VIII, Div. 1
 - "U" Stamp (new construction)
- National Board
 - "R" Stamp (repairs and alterations)
- TEMA, API and UL specifications

Non-Destructive Testing

- - X-ray (2 machines - 1" max. thickness)
- - Halide
- - Dye penetrant
- - Magnetic particle
- - Physical and chemical testing of weld samples
- - Charpy impact testing
- - Pressure testing of vessels: 8,000 psi water

Principal Products for Custom Alloy Fabrication

- Autoclaves
- Columns
- Heat exchangers
- Reactors (jacketed)
- Process vessels
- Pressure vessels
- Condensers

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