



HYDRAFAB
NORTHWEST INC.

hydrafabnw.com

Since 1995, Hydrafab Northwest has been providing fabrication and design services to industries as wide-ranging as food and beverage, biotech, pulp and paper, aerospace, manufacturing, merchandising and display, and alternative energy. With the latest tools and equipment and more than 70,000 square feet of shop space – including both a full-service machine shop and a carbon-free welding shop – no job is ever too big for Hydrafab Northwest. And with good old-fashioned customer service from the best craftsmen in the business, no request is ever too small.

For sales, estimates, rush orders, or to check the status of an existing order, email us at sales@hydrafabnw.com or give us a call at 509.535.0075.

services

- complete sheet metal shop specializing in prototype and short-run production
- tube- and pipe-bending capacity from 1/8" tube to 3" schedule 40 pipe; rotary axis tube and pipe laser cutting (round and square)
- certified welding to Mil Spec, AWS, and ASME standards; orbital welding; sanitary welding with experience in 3-A and B.P.E. standards; stainless, mild, and tool steel; aluminum, titanium, and zirconium
- equipment fabrication and installation experience – built to your specifications: conveyors, mix and storage tanks, pump carts, skid fabrication, hand rails, catwalks, and tanks
- on-site installations – including your equipment: sheet metal and pipe welding, sanitary welding, instrumentation tubing
- value-added: design for manufacturing capabilities, CAD/product design, engineering/product development, contract manufacturing, machining capabilities, laser marking and etching of metal and plastics, laser part marking, and 3D printing

fabrication equipment

- 7-axis HMT38 CNC tube bender with mandrel (1.5" tube capacity)
- Conrac 210 NC mandrel bender (1.5" tube capacity)
- Baileigh NC bender (3" pipe capacity)
- Hyd-mech 18" vertical saw
- Hyd-mech 8" horizontal saw
- (2) 4-axis Bystronic CNC lasers (2800W and 4000W), each with 80" x 160" shuttle table and loader
- 150-ton, 12' Chicago press brake
- Amada 220-4 240-ton 14' 6-axis CNC press brake
- 6-axis Bystronic press brake
- 8' Amada NC shear
- 60-ton Whitney NC punch
- Tauring DS80CN angle/channel rolls (3" L / 6" C)
- 4' and 5' plate rolls (up to 5/16" capacity)
- orbital welders
- state-of-the-art TIG (GTAW) and MIG (GMAW) welders
- weld positioners
- (2) 5-ton overhead cranes
- Vibrodyne deburring

machining equipment

- Doosan 5300 CNC mill
- Doosan Lynx CNC lathe 8" chuck
- Doosan Puma CNC lathe 15" chuck
- Hardinge Toolroom lathes
- manual engine lathes
- manual mills
- Hyd-mech CNC saws
- Omax 5027 waterjet
- 3D printers

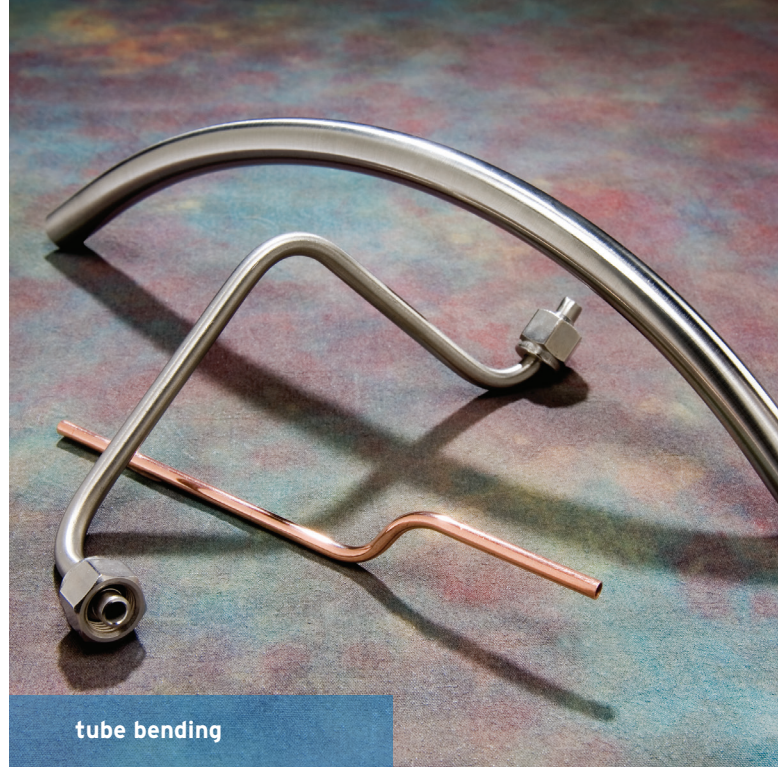


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sheet metal



tube bending



fabrication



engineered products