



HYDRAFAB
NORTHWEST INC.

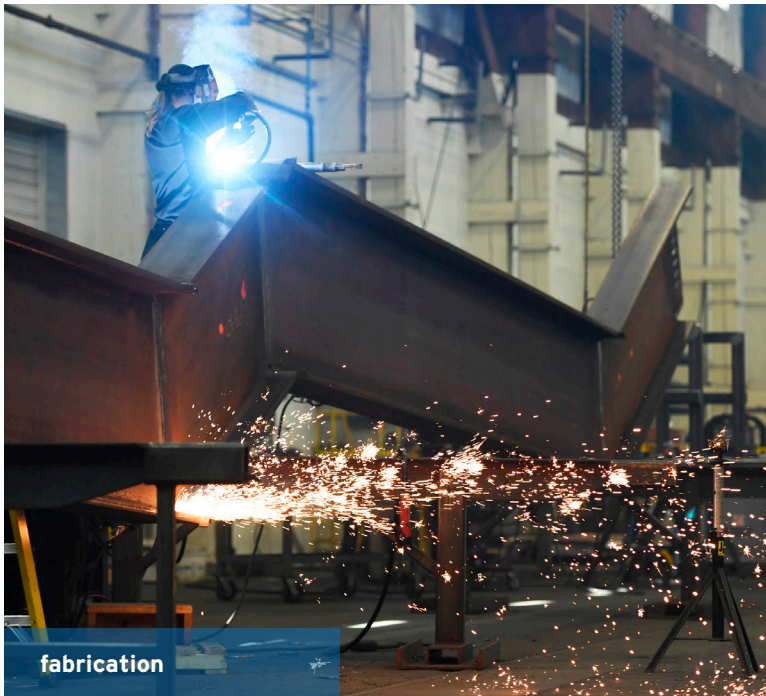


sheet metal

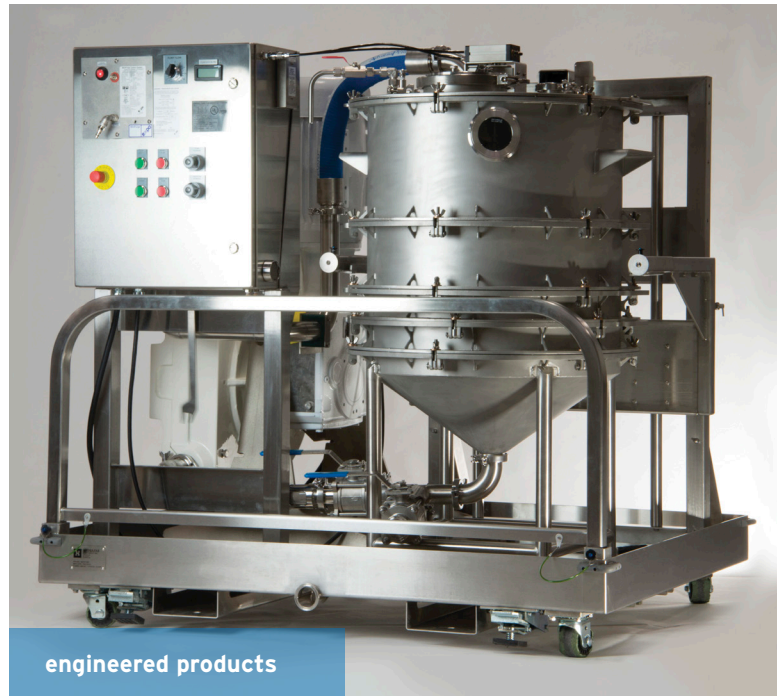


tube bending

We can build that.



fabrication



engineered products



MANUFACTURING SOLUTIONS

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.

Request a quote or
place an order:
sales@hydrafabnw.com
509.535.0075



services

- complete sheet metal services specializing in prototype and short-run production
- tube- and pipe-bending capacity from 1/8" tube to 3" schedule 40 pipe
- tube laser capable of processing round and square tube, channel, angle, oval, and flat bar
- Bystronic ByCut Eco 6 kW Fiber Laser, capable of processing materials up to 1" thick in aluminum, stainless steel, and mild steel, automated sheet loading and unloading
- 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 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 services: 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
- 4-axis Bystronic CNC laser (4000W), with 80" x 160" shuttle table and loader
- Bystronic ByCut Eco 6 kW Fiber Laser 1" thick in aluminum, stainless steel, mild steel capacity
- Bystronic 3000W fiber tube laser 5" by 21' capacity
- 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)
- Miller Cobot CoPilot Collaborative Robotic Welding System
- 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
- Sharp SV-2414SX-F Mill
- Doosan Mynx 6500/50 Mill
- Doosan Lynx CNC lathe 8" chuck
- Doosan Puma CNC lathe 15" chuck
- Mori Seiki Twin Turret live tooling CNC lathe
- Hardinge Toolroom lathes
- manual engine lathes
- manual mills
- Hyd-mech CNC saws
- Omax 5027 waterjet
- Markforged Mark Two 3D printer
- Formlabs Form 3BL SLA 3D printer