

NEWPORT MANUFACTURING

**CUSTOM LASER CUTTING
WELDING & FABRICATION**

Newport Manufacturing Cutting and Fabrication Capabilities

Cutting Capabilities

- **Cincinnati DC 035 Slab Laser**
 - Can handle sheets up to 6'X12' on dual auto-indexing cutting tables
 - Cuts up to:
 - .375" Stainless Steel
 - .375" Aluminum
 - .875" Mild Steel
 - Accuracy up to .002" depending on material thickness
 - Ability to cut non-metallic materials as well as specialty alloys; call for details and specs
- **Max-Saw cold saw:** Miter bed, 6" round capacity
- **Meba horizontal band saw:** 12" round capacity
- **Amada plate shear:**

Thickness of plate	Width of sheet/bar
Up to 1/4"	72"
3/8"	15"
1/2"	12"
1"	6"

Forming Capabilities

- **Cincinnati Pro-Form Press Brake**
 - CNC controlled backstop and ram
 - 175 ton bending capacity
 - Up to 12' part forming capability depending on material thickness
 - Large selection of punches and dies with experience in making custom die sets for specific jobs; call for details
- **Hossfeld Tube and Bar Bender:** Call for specs and details
- **50" Sheet Roller:** 16ga full capacity; call for specs on thicker material

Welding Capabilities

NOTE Newport Manufacturing now uses FCAW for most mild steel wire feed welding applications. Using .035" tubular wire with shielding gas gives a much stronger, cleaner weld without sacrificing the small weld profile of standard hard-wire.

- **Millermatic 251 GMAW (MIG):** Mild steel, stainless, aluminum spool gun
- **Millermatic 350p GMAW/FCAW (MIG and Dual Shield):** Mild steel, stainless, Bernard aluminum MIG gun
- **Hobart 400-amp FCAW (Dual Shield):** Mild steel
- **Lincoln Electric Square Wave 355 GTAW (TIG):** AC/DC, Mild steel, stainless, aluminum, exotic alloys; call for specs and details
- **Miller 400-amp GTAW (TIG):** AC/DC, Mild steel, stainless, aluminum, exotic alloys; call for specs and details

Machining Capabilities

- **HAAS VF3 21 ATC 48 x 18 Table CNC mill:** Call for details and capabilities
- **Bridgeport mill with digital coordinate finder**

Additional Capabilities

- **Midwest Ironworker:** 70-ton capacity, angle shear, punch with assortment of dies; call for specs and details
- **Strippit:** 30-ton capacity, extremely close tolerance punching

Newport Manufacturing

13024 Newcastle Way
Newcastle, WA 98059

Email: newport@newportmanufacturing.com

Phone: 425-641-6199

Fax: 425-747-3925