



Our Company

JWF Industries designs, manufactures, and integrates metal-centric products by growing with the:

- **Right People** • **Right Processes** • **Right Markets** • **Right Customers** •

One million square-feet of manufacturing space at seven locations.



DEFENSE

Ground Mobility
Armor Cabs
Mobile Radar
Dirigible Launchers



ENERGY

Renewable Energy
Power Generation
Hydro Electric
Oil and Gas
Nuclear
Chemical



COMMERCIAL

Construction
Transportation
Airline
Rail Industries

Company Certifications

- Certified Small Business
- ISO certification – ISO 9001:2015
- American Society of Mechanical Engineers (ASME) – S stamp for pressure boilers
- American Society of Mechanical Engineers (ASME) – U stamp for pressure vessels
- Ground Combat Vehicle Welding Code Steel 12479550 (MIL-STD-3057)
- Ground Combat Vehicle Welding Code Aluminum 12472301 (MIL-STD-3057)
- American Welding Society (AWS) welding certifications
- International Traffic in Arms Regulations (ITAR) compliant and registered
- Military Critical Technical Data registered
- Welders hold multiple certifications that may include: Steel D1.1, Aluminum D1.2, Light Gage D1.3, Stainless Steel D1.6, Solder - AWS B2, Metalizing - AWS C2.2, ASME (Section IX), Armor Plate, Aerospace Aluminum D17.1, and special metals including mild steel, Weldox, Hardox, and Strenex



Our Capabilities



Engineering

Program and Project Management

Welding

- Lincoln Sub-arc TC3 carriage, 60,000 pound weight capacity, 70' x 5' x 3' envelope capacity
- Lincoln M-710iC/T FANUC dual armed robot, 30' x 15' x 10' envelope capacity
- Lincoln M-710iC/T FANUC single armed robot, 15' x 15' x 10' envelope capacity
- MotoMan HP30-ACC - two 1,000 pound 5-axis manipulators, 8' x 2' x 3' envelope capacity
- Panasonic VR2 robots - dual 2,000 pound manipulators with 12' x 6' x 3' envelope capacity
- Fanuc R-j3Ib - dual 2,000 pound manipulators, dual robot arms with 12' x 6' x 3' envelope
- 200 steel MIG welding machines
- 25 steel / aluminum TIG welding machines
- 25 aluminum MIG welding machines
- 120,000 square feet of TIG welding area

Laser

- Mitsubishi 4020 RX Fiber Laser – 8,000 watt, max plate size 83" x 160"
- LT8.10 Fiber Automated Tube Laser – 3,000 watt
- TruPunch 5000 – 25 ton punching force, up to .25" material, table size 60" x 120"
- Nautilus 3775 Wet Deburring Machine

Lifting and Forming

- 20 overhead cranes, 5 tons to 30 tons in lifting capacity and a 40' hook height
- Hydraulic press brakes range from 150 to 1000 tons with bed lengths from 12 to 20 feet
- CNC back gauge
- Bystronic Xpert 320
- Diamond BB013
- Dener 1000 Ton
- Bystronic PR 200 x 4100
- Xpert 40

Machining

- 30 computer numerical control (CNC) machines
- 10' x 26' and 13' x 20' double column gantry mills
- Two Mazak Variaxis 500 and 630 two pallet 5-axis vertical machining centers
- Zeiss Contura G2 RDS 100 / 1600 / 600 CMM machine
- 14 CNC vertical mills
- Two CNC horizontal pallet changing machines, 60' capacity
- Four CNC horizontal boring mill
- Five-axis programming capability
- Two large five-sided machining gantry mills
- 0.001" tolerances on milling operations
- 0.0005" tolerances on turning operations

Coatings

- Automated Paint Lines
- Powder Coat Paint System – 20' high x 20' wide x 40' long
- Large Part Drive-Through Paint Booth – 20' high x 20' wide x 60' long
- 60,000 square foot powder coating/wet coating (CARC) paint line – capable of handling 6,000 lbs per part