



As one of the world's premier metal fabrication companies, AT&F delivers quality steel products, services and metalworking technologies to the heavy industrial, energy, and defense industries. Expanding our capabilities and investing in state-of-the-art equipment and technology keeps us on the cutting edge and creates a competitive advantage for our customers.

Quality Systems

- ISO 2001; 2008 certified
- ASME stamps "U" and "S"
- NQA-1, 10CFR50, 10CFR71, 10CFR72
- NIAC Audited
- AISC Certified
- Pressure Equipment Directive (PED)

Material Processing

- Carbon & Alloy
- High-Strength Low Alloy (HSLA)
- Stainless Steel
- Specialty Alloys – Titanium, Zirconium
- Tantalum & Nickel Alloys
- Armor

Blasting

- Widths up to 14 ft (4.3 m)
- Lengths up to 60 ft (18.3 m)
- Thicknesses up to 7 in (177.8 mm)

Burning

- CNC flame through 36 in (914 mm)
- CNC Plasma Arc through 6½ in (165 mm)
- High Def plasma up to 1½ in (38 mm) thickness, 10 ft (3.6 m) wide and 100ft (30.4 m) long

Robotic Contour Beveling

- Oxyfuel through 11 in (279 mm)
- Plasma through 1¼ in (32 mm)

Laser Cutting

- Widths up to 13 ft (3.9 m)
- Lengths up to 114 ft (34.7 m)
- Thicknesses up to 1¼ in (31.75 mm)

Waterjet Cutting

- High variability in materials / thicknesses
- 5-Axis head with unlimited rotation
- 2 in (305 mm) vertical travel on Z-axis
- 14 ft x 30 ft (4.27 m x 9.14 m) cutting envelope
- Accurate to ± 0.0166 degrees (± 1 arc minute)

HD Plasma Cutting

- 5-Axis head with unlimited rotation
- 12 in (305 mm) vertical travel on Z-axis
- 10 ft x 48 ft (3.05 m x 14.63 m) cutting envelope

Press Brake Forming

- Lengths up to 59 ft (18 m)
- Thicknesses from ¼ in (6 mm) to 13 in (330 mm)

Rolling

- Widths up to 14 ft (4 m)
- Thicknesses up to 12 in (305 mm)

Welding

- Robotic Welding
- SUBARC (SAW)
- MIG (GMAW)
- TIG (GTAW)
- Hybrid Laser Arc Welding (HLAW)
- FLUX-CORE (FCAW)
- Stick Electrode (SMAW)
- Plasma Arc (PAW)
- ASME Section IX
- AWS D1.1
- AWS D1.5
- AWS D1.6
- MIL-STD-248
- MIL STD-1941 (Armor)
- NAVSEA-250-1500

Non-Destructive Testing

- X-Ray, Dye Penetrant, Magnetic
- Particle, Ultra-Sonic and Visual

Machining

- Horizontal Boring Mill:
 - Travel X-axis 40 ft (12m), Y-axis 14 ft (4.3 m), Z-axis 6 ft (1.8 m)
 - Indexing Table 12 ft x 12 ft (3.7 m x 3.7 m)
- Vertical Boring Mill:
 - Vertical ram travel 2500 mm (98.42")
 - 160-ton table load capacity
 - Table diameter 5000 mm