

Metal Cutting

WHY IMS?

- **Materials in Stock**
- **1st Operation Service Reduces Lead Time and Costs**
- **Prototype or Production Quantities**
- **Quotes Within a Day**
- **Engineers on Staff**
- **24 Hour Production – Express Service Available**
- **ISO 9001 Certified**
- **Make Your Parts From DXF File to Hand Drawn Sketches**



At IMS, not only can you get your hands on the raw materials you need, but we've also got superior cutting capabilities and well-trained experts on hand.

PROCESSING CAPABILITIES

Flatbed Lasers

- MITSUBISHI 3015LVP w/Pallet Changer – 4000 watts – 5 x 10 table size
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- MITSUBISHI ROTARY AXIS FOR TUBE CUTTING – Installed on the Mitsubishi LVP
- MITSUBISHI 3015EX w/Pallet Changer – 4500 watts – 5 x 10 table size
- MITSUBISHI 3015HD – 1600 WATTS – 5 X 10 table size
- MITSUBISHI 2012LB – 2000 WATTS – 48 X 78 table size w/Rotary

Flatbed 5-Axis Laser

- MITSUBISHI 2015VZ2 – 5 Axis laser for shape cutting – 4000 watts. Shape cutting, modify, and tube cutting. 5 axis of operation and allows cutting at virtually any angle. Table size 83" x 60" with 28" in the Z axis

6-Axis Tube Laser

- MAZAK FG 300 Tube Laser, 4000 watts, 10.7" OD x 26' capacity. Tube; square, rectangular, special shapes. Channel, Angle, and I-Beam.

Waterjet

- MITSUBISHI 6' X 12' WATERJET - Water jet with 90,000 PSI cutting pressure. Active taper control allows straightness to + or - .001 per 1/2 inch of material.
- OMAX 55-110 WATERJET- 40,000 PSI, 4' x 8' capacity

Plasma

- HYPER THERM 400 HD Plasma Cutting System with 12' x 22' table. Up to 3" plate.

Finishing

- TIMESAVER DUAL HEAD Deburring-Finishing Machine – Twin heads allow burr removal and radius of cut edges in one pass. 36 inch wide pass width.

Software

- AutoCAD 2 D Software
- Solid Works
- Catia 3D Design Software
- Cenit 5 Axis Laser Software
- Metamation 2D Laser Software
- Mazak FG CAM Rotary Software



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