




495 Emory Street
San Jose, Ca. 95110

Over a 74 year history [Master Metal Products](#) has been providing quality workmanship to an impressive list of clientele that includes some of Northern California and Silicon Valley's top companies across a wide breadth of industries.

MMP's highly skilled and trained technicians supply members of the defense, transportation, aerospace, mining and structural steel industries with custom fabrication services while working with steel, stainless steel, aluminum, brass, copper, titanium, cor-ten, abrasion resistant plates and structural steel materials.

[Master Metal Products](#) was founded in 1931 with the understanding that success and longevity come simply from providing excellent customer service. To this day MMP adheres strictly to this understanding, customer service is job one!

MMP is headquartered in San Jose dedicating approximately 38,000 sq. ft of its plant directly to complete custom metal fabrication. [Master Metal Products](#) offers a complete line of services beginning from conception and drawings all the way job completion and delivery.

Please see [reverse](#) for a complete listing of our professional services and capabilities. 

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Professional Services and Capabilities

Metal Cutting

- Plasma (3" SST) or oxy-acetylene 600 IPM cutting speed CNC contour control.
- 10' x 20' table: in or out of water
- 20" x 25" Vertical Band Saw, auto-tilt 60 degree mitering left & right, w/ 48" index automatic bar feed

Shearing

- Up to 12 ft. long and 3/8" thick mild steel with automatic stacker at rear. Precision pinshearing to 11 gauge steel
- 1/8" x 6' precision shearing
- 3/8" (MS) x 12' with power stack

Forming

- Up to 18 ft. long in configurations and materials of type requiring up to 750 tons. Automatic precision back gauging is used where required. Hydraulic and mechanical presses
- 750 ton, 18' long bed, with precision back gauging
- 175 ton, 18' long bed, with CNC back gauging and ram control Autoform

Plate Rolling

- 1 1/2" Plate x 8' long (MS) with top roll diameter 19"
- 3/4" Plate x 8' long (MS) with top roll diameter 16"
- 1/4" Plate x 12' long (MS) with top roll diameter 9"
- 3/8" Plate x 6' long (MS) hydraulic precision controls with prebending
- Miscellaneous small rolls to suit most any needs

Angle, Tube, and Bar Rolling

- 5" x 5' x 1/2" angle (MS) hydraulic precision control
- 3" x 3' x 1/4" angle (MS) hydraulic precision control
- 8" Tri Roller, 16" rolls; 8" round pipe, 10" square tube capacity
- 10" x 2 5/8" x 30lb. channel (MS) hydraulic precision control
- Up to 4" tube roll (spirals or single) with or without plug mandrels

Punching

- CNC 60 ton 42 station, 3/4" (MS) 60" x 144", with auto tool changer & 400 amp precision plasma contouring
- CNC 40 ton single station, 48" throat, uses standard punches and plasma torch to make cutouts
- 50 ton single station, 36" x 144" gauging punch
- 90 ton hand operated beam, channel, and angle punching

Welding

- Standard electrode as well as MIG, TIG processes and spot welding (100 KVA with electronic control.) Various automatic positioners are used with this equipment
- Up to 500 amps MIG and 300 amps TIG
- 62' Traveling column 6 axis CNC robot, with (2) 25' x 20k lbs. coordinated motion weld positioners
- 6 Axis, 71" working range, CNC robot with weld positioner

Laser

- 1600 Watt CNC laser, 48" x 96" table. 1/2" MS, 1/4" SST, 1/8" Aluminum

Milling

- Bridgeport EZ-Trak II, 3 axis CNC milling machine. 3hp, 58" x 11" table
- Horizontal Boring Mill: 4" spindle, 48" x 54" rotary table. Travel cross 54", vertical 40"
- Standard Bridgeport (DRO)
- Vertical Mill: 12" x 36" table (DRO)

Drilling

- Carlton 6' arm x 15" column (hydraulic)
- Carlton 3' arm x 9" column
- American: 8' arm x 19" column x 20' table, CNC controlled
- Miscellaneous small precision equipment

Lathe

- Colchester 12" round x 48" long

Finishing

- 36" wide vertical belt
- 8" x 12' traveling belt
- Sheet shot blast (8' diameter x 60" high)
- Double spindle polishing lathe
- Extensive grind and polish hand tools

Inspection

- Calibrated hand calipers and micrometers
- 4' x 4' high layout/inspection table

Other

- Miscellaneous small machine tools, which we use independently or attached to the above equipment to complement there capacity
- Additional capabilities to fit most needs