

BEYOND QUALITY CONTROL

Mantych's objective is simple; "Parts to Print". We are compliant with each of our customer's needs, and have the right equipment to do so. From standard gages, to software driven CMM measuring, we are capable of qualifying quality work.

Need documentation? No problem. We are familiar with Certificate of Conformance letters, FAI and PPAP spreadsheets.



TOP QUALITY EQUIPMENT TO MEET ALMOST ANY NEED

CNC MACHINING EQUIPMENT

- 2 Okuma VMC 40" x 20"
- 2 Okuma MC-V4020
- 2 Okuma MB-46-VAE
- 3 Fadal VMC 40" x 20"
- 3 Fadal/MAG VMC 30" x 16"
- 1 Samsung MCV 50 3 axis (Fanuc)
- 3 Samsung MCV 50 3 axis w/ Tsuedokoma 5 axis (Fanuc)

CNC TURNING EQUIPMENT

- 1 Okuma GENOS Lathe 6" Chuck
- 2 Okuma Captain Lathe L370SB 6"
- 2 Okuma LB3000 12" Chuck
- 1 Samsung SL30 (Fanuc) 12" Chuck
- 1 Hanwha Swiss-Turn w/ 12" Bar Feed
- 2 Prototrak Lathes

SHEET METAL EQUIPMENT

- 1 Mazak 6kW Fiber Laser with Pallet
- 1 Amada 4" CNC Press Brake
- 1 Amada 6" CNC Press Brake
- 1 Amada 8" CNC Press Brake
- 1 Amada De-Burring Machine
- 5 Welders: MIG, TIG, TORCH
- 2 Haeger Pem Nut Insert Presses
- 1 Kidder Hydraulic Notcher
- 1 Hermes Computerized Engraver

EDM EQUIPMENT

- 2 Mitsubishi Wire EDM
- 1 Mitsubishi Hole Popper
- 1 Makino Edge 25 CNC

GRINDING DEPARTMENT

- 1 Okamoto Automatic Grinder ACC12-24DX
- 1 Okamoto Automatic Grinder ACC12-24ST
- 2 Parker Majestic 2Z Manual Surface Grinder 6v x 18"
- 3 Boyar Schultz Manual Surface Grinder 6" x 12"

MANUAL MACHINES

- 4 Prototrak Bridgeports
- 4 Clausing Accurite Tool Room Mills

INSPECTION EQUIPMENT

- 1 Sheffield Endeavor CMM 9.9.7 (PH10 MQ Renishaw Motorized Head)
- 2 Discovery III's Cordax D12 (Tesa Star, motorized Head)
- 1 J & L 14" Optical Comparator
- Deltronic Plug Gages
- Mitutoyo Bore Gages
- Mitutoyo Indicator Micrometers .0001

SOFTWARE CAPABILITIES

- E2 Shop System
- PC-Dmis (Current Release)
- Edge CAM (Current Release)
- Mazak Smart System
- Solid Works (Current Release)
- CMM Manger

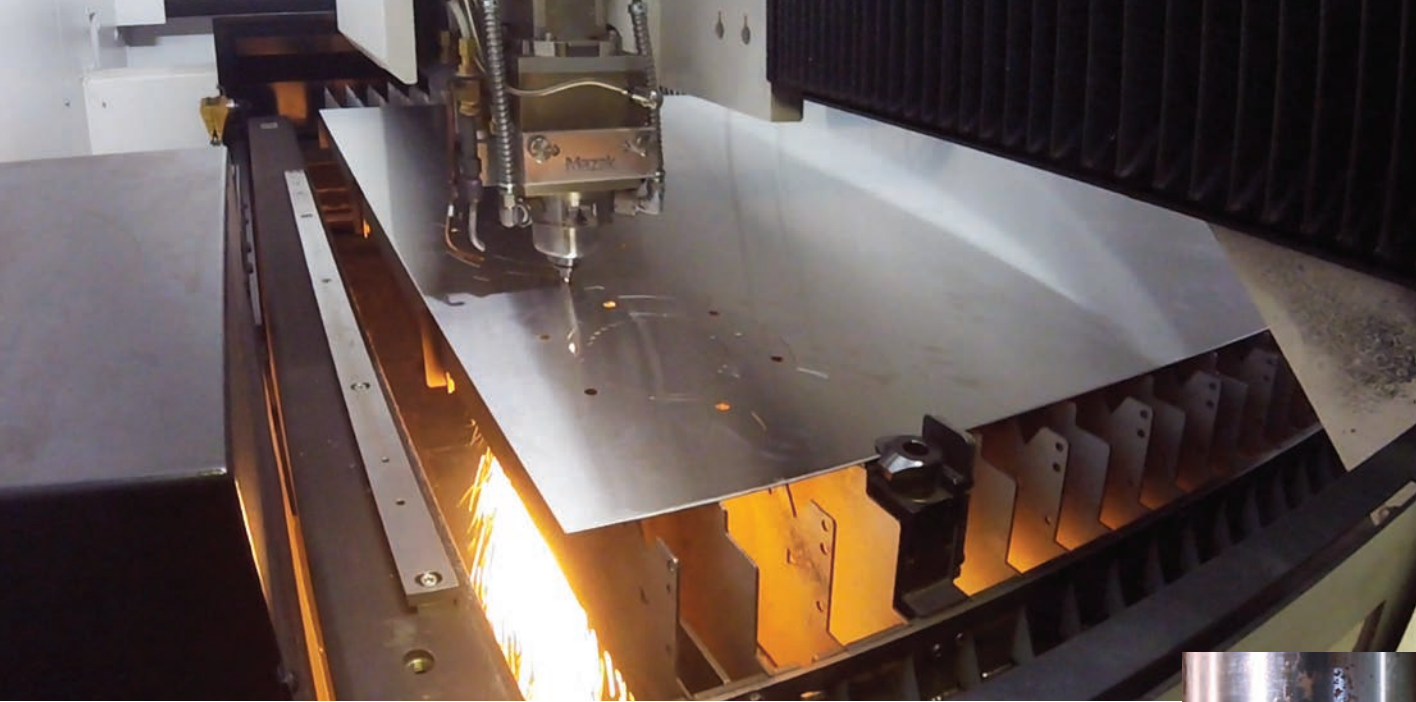
MANTYCH METALWORKING



SPECIALISTS IN PRECISION MACHINING AND SHEET METAL FABRICATING OF SMALL TO MEDIUM-SIZED PARTS

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www.Mantych.net
Call: (937) 258-1373



FIBER LASER CAPABILITIES

Our state of the art 6kw fiber laser is capable of efficiently cutting steel plates up to 1" thick. We also have the capability to form parts up to 8'. Our enclosed burr room and grinding station strives for quality down to the small details of your sheet metal work. Also, with skilled welders and adequate fixturing and tooling, Mantych is capable of meeting your requirements for TIG, MIG, brazing, spot welding, or solder. Finally, Mantych's Sheetmetal Division has an assembly department with hundreds of fasteners including inserts, studs, and pem nuts, to accomplish our standard in parts per print.

MODEL SHOP DEPARTMENT

Our model shop excels in quality and service specializing in fixture/detail work. We bring your engineering concepts to fruition.

CNC MILL DEPARTMENT

With more than a dozen machining centers, we are capable of machining a wide range of parts. From plastics to steels to non-ferrous metals, our equipment and skilled operators are up for any challenge. Whether it is 2d, 3d, 5th or 4th axis, Mantych is capable of machining close tolerance parts with up-to-date equipment and techniques.

CNC LATHE DEPARTMENT

With 6 Okuma turning centers, 2 Prototrak Lathes and a Hanwa Swiss Turn, Mantych offers competitive turning solutions.

EDM/SINKER DEPARTMENT

When it comes to close tolerance parts or complex designs, Mantych offers EDM services (wire and sinker).



Mike Mantych started Mantych Metalworking almost 50 years ago. We have had the privilege of providing top quality service and products to many companies throughout our region. We look forward to the next 50!