

PLANO MACHINE & INSTRUMENT, INC.

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Facility List

CNC Horizontal Machining Centers

- 1 - Mazak HCN6800, 10000 RPM Spindle, 41" x 35" x 38", 24.8" x 24.8" pallet
- 4 - Kitamura HX-630i, 12000 RPM Spindle, 41" x 33.5" x 35.5", 24.8" x 24.8" pallet

CNC Vertical 5-Axis Machining Centers

- 1 – Leadwell MCV-1500iT, 8000 RPM Spindle, 20" Rotary, 50" x 30" x 39"

CNC Vertical Machining Centers

- 1 – Leadwell V-80i, 12000 RPM Spindle, 40" x 80" x 28"
- 2 - Fanuc Robodrill, 10000 RPM Spindle, 16" x 12" x 12"
- 3 – Leadwell MV-40, 8000 RPM Spindle, 40" x 20" x 30" with Full 4th axis
- 1 – LeBlond Makino FNC-128, 6000 RPM Spindle, 49" x 31" x 27"

CNC Turning/Milling Centers

- 1 – Mazak Nexus 400-II M, 18" Chuck, 33" x 80" with Milling with 4.500" thru hole
- 2 - Mazak Nexus 350-II MY, 15" Chuck, 25" x 60" with "Y" Axis with 4.000" thru hole
- 1 – Mazak Nexus 300-II M, 10" Chuck, 23" x 30" with Milling with 2.750" thru hole

CNC Lathe Turning Centers

- 2 – Mazak Nexus 2502KY, 10" Chuck, 24" x 20" with 3.000" thru hole
- 1 – Mazak Nexus 350-II, 15" Chuck, 25" x 60" with 4.000" thru hole
- 2 – Leadwell LTC-50CL, 21" Chuck, 33" x 80" with 6.500" thru hole
- 1 – Leadwell LTC-35DXXL, 21" Chuck, 30" x 120" with 6.500" thru hole

Manual Engine & Turret Lathes

- Mazak Engine Lathe, 24" x 120"
- Monarch Engine Lathe, 21" x 96"
- Monarch Engine Lathe, 21" x 192"
- Clausing Engine Lathe, 15" x 50"
- Clausing Engine Lathe, 13" x 50"
- 2A Warner Swasey Turret Lathe Square Head CST
- 3A Warner Swasey Turret Lathe Square Head CST
- 4A Warner Swasey Turret Lathe Square Head CST

Manual Mills

- 3 – Pasma TUM-20VS Vertical Knee Mills, 9" x 42" table

Saws

Hem Saw 105A, 14" x 14" capacity

Cosen C-300NC+ Horizontal Automatic Saw 12" x 12" capacity

DoAll 2612-H Band Saw

Misc Equipment

Gun Drill capacity of 1.5" diameter x 26" deep

2 - Bead Blast Machines

Better Engineering Parts Washer – F3000PZX 36" x 36" tub

5' x 11" Carlton Radial Arm Drill

Hardige Polish Lathe, DSM59R

Dake 75-ton Hydraulic Straightening Press

Technifor CN200Sp Engraver

SIC Marking System – Dot Peening Technology (2D barcode, etc.)

Support Equipment

Mastercam X8 Level 3 – Mills, Level 1 – Lathes (3 seats)

Quality Equipment

Zeiss Contura G2 RDS (CNC) Coordinate Measuring Machine
39" x 47" x 23" w/ Probe

Brown & Sharpe Coordinate Measure Machine
14" x 16" x 12" w/ Probe

2 - Brown & Sharpe 36" Micro-Hite 2D Electronic Height Gage

1 – Brown & Sharpe 28" Micro-Hite 2D Electronic Height Gage

3 – Brown & Sharpe 27" Tessa-Hite 2D Electronic Height Gage

Brown & Sharpe 24" Digit Hite IV w/Digital Readout

Enco 10" RC Hardness Tester

Miscellaneous OD/ID Micrometers up to 36" diameter, Intramikes, Dial bore gages, and other inspection equipment.

1 – 5000# Forklift

2 – 6000# Forklifts

3 – 8000# Forklifts

2 – 15000# Forklifts

24' Box Truck

3 ton Bobtail Truck

20,000 square feet manufacturing facility, climate controlled.

22 Employees w/ 656+ years of machining experience.

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