

Mallory Industries, Inc. Facilities List

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Turning

1 DMG Mori NLX 2500SY/700 multi-axis
Ø14.4 max dia. X 27" length
3 Hwacheon CNC 20" x 20"
1 Okuma-Howa HL-20 CNC 10"x10"
1 Kia SKT-21 CNC 10"x15"
1 EuroTech multi-axis 2.75 bar feed
Ø12.6 max dia. X 22" length
1 South Bend 6"x24"
1 Hardinge (Chucker & Tool Room)
capable of marking stainless / exotic alloys

Milling

2 Bridgeport 9"x36"
1 CNC Bridgeport 12"x32" Vert. 4 axis
1 Rambaudi CNC 12"x28" Vert. 4 axis
2 YCM NSV 40"x23"x23" Hi-Speed
1 DMG MORI NHX5000 HMC 28" X 28" X 34"
1 Leitz Optical Rotary Head

CNC Milling/Grinding/Contouring

Cams/Precision Machining

10x & 20x optics

1 CNC - Mill/Grind 58"x30"x30" (4 axis to 20")
1 CNC - Mill/Grind 60"x25"x24" (4 axis to 14")
1 CNC - Mill/Grind 36"x17"x20" (4 axis to 12")
1 CNC - Mill/Grind 40"x20"x20" (4 axis to 10")
1 CNC - Mill/Grind 40"x20"x20" (4 axis to 6")
1 Webber 83 pc Primary Standards
1 Elstrom 83 pc Gage Block set

Cam Milling (designed & Built @ Mallory)

4 3D Contour Roughers (multi-spindle)
24 3D Contour Finishers
4 2D Contour Millers
2 Face & Barrel Cam Millers
Assorted PCs for data/documentation

Grinding

Cylindrical
1 Landis Universal 8"x16"
1 Myford MG12 6"x10"
1 Overbeck ID 4"
Surface
1 Okamoto ACC-16.24DX
1 Okamoto ACC-6.18DX 2

EDM

1 Fanuc Wire 4 axis 20"x12"x12"
1 Fanuc Wire 4 axis 20"x12"x16"

Drilling

6 Sensitive Drill Spindles

1 lead screw tapping head

Miscellaneous

3 Sunnen Hones
1 Band Saw (Vert)
3 Tumbling Barrels (to 50")
1 Vapor Blast (wet)
1 Vert. Broach
1 Horz. Broach
1 Automatic Band Saws (Horz.)
1 Parts Wash (to 50")
1 Ultra Sonic Tank

Marking Systems

1 Telesis Pinstamp Marking system 12"x12"x12"
1 Trumpf VectorMark NdYag Laser 4.5"x4.5"

Inspection Measurement Equipment

1 Zeiss Contura G2 CMM 40"x83"x24"
1 Zeiss Contura Aktiv CMM 27"x39"x24"
1 Mitutoyo Model B504B CMM 17"x20"
1 Flexbar Borescope Model #12720

accurate to 2 arc seconds
1 Deltronics Image Master Comparator 14"

1 Brown & Sharp Comparator 14"
10x & 20x optics
1 Wilson Rockwell Tester
3 Surface Plates 24"x36" (Lab Grade)
1 Mitutoyo Surftest 211

3 Starrett Digi Check Height
1 Sheffield OD Comparator
3 Sheffield Air Column Gages
8 Sunnen Precision Hole gages
Assorted Micrometers to 22"

Gage Track Calibration software

Calibration System per: AS9100

A2LA IEC Guide 25

ISO 10012

ANSI/NSCLZ540

Quality Systems: ISO9001:2015

AS9100:D

Manufacturing Measurement Equipment

Surface plates to 4'x6' -
Starrett Height Gages to 24"
6 Fowler-Trimos 21" Electronic Height Gages
All major areas utilize dedicated measuring devices
Various PC workstations for Process Control
Tracking
available through out the manufacturing floor