



FACILITIES LIST

(ON SITE OR AT OUR DISPOSAL)

FACILITY GPS Rochester N.Y.

25,000 Sq. Ft. Climate Controlled Manufacturing and Assembly Facility

PMD Rochester N.Y.

115,000 Sq. Ft. Climate Controlled Manufacturing and Assembly Facility spread across two buildings enabling proprietary, confidential and sensitive projects

PMD Spartanburg S.C.

15,000 Sq Ft. Climate Controlled Manufacturing and Assembly Facility.

ENGINEERING

(60) Complete work stations utilizing a full range of CAD software options

(7) CAM Mastercam work stations

RAPID PROTOTYPING

(1) Direct Metal Laser Sintering Machine EOS M 290

(1) Markforged Mark Plastic 3D Printer

CNC MILLING

(1) Fadal Model VMC 3018 Vertical Machining Center

(2) Fadal Model VMC 4020 Vertical Machining Centers

(4) Fadal Model VMC 6030 Vertical Machining Centers

(2) OKK High Speed Vertical Machining Centers

(1) Johnford Vertical Machining Center

(2) Mazak Vertical Center Nexus 510C2KY Mazatrol Matrix Nexus Control

CNC HORIZONTAL MACHINING CENTER

(1) Mazak HCN 5000E w/ Dual Pallet Changer

CNC TURNING

- (1) Mazak Quick Turn 250 MSY (Dual Spindle, Automated Barfeed)
- (1) KIA 8 Inch Turning Center
- (1) Okuma Turning Center

HORIZONTAL BORING MILLS

- (1) DeVlieg #4K-60 Boring Mill
- (1) DeVlieg #4H-72 Boring Mill

GRINDING

- (1) Okamoto #ACC618BX2 Wet Grinder
- (1) Okamoto #ACC1224BX2 Wet Grinder
- (1) Covelle 6" x 12" Surface Grinder
- (1) Moore G-18 Jig Grinder, 11" x 13" x 18"
- (1) Mitsui 200 MH 6"x12" Surface Grinder w/2 axis DRO-.0001 Res.

EDM

- (3) Mitsubishi Wire EDM 11"x 14" x 8"

TOOLROOM

- (4) Bridgeport 9" x 48" Travel / Acu-Rite Readout / Power Feed
- (9) Bridgeport 9" x 48" Travel with Proto-Trak controllers
- (1) Clausing 10" x 30" Lathe Model 5904
- (1) Whacheon 18" x 40" Lathe with Acu-Rite Master Readout
- (1) Hardinge Super Precision Lathe with Acu-Rite Master Readout

WATERJET

- (1) Techni-Jet Water Cutting Machine 5'x 10' Table

WELDING/FABRICATION

- (2) Millermatic 51 Tig Welders
- (2) Millermatic Syncrowave 250 Tig Welders
- (1) Millermatic Syncrowave 250 DX Tig Welder
- (1) Miller Invision 456P mig Welder
- (1) Miller XR-W Aluminum Feed Unit
- (1) 5' x 8' Weldsale Welding Table
- (1) Acetylene And Oxygen Torch Set
- (1) Hypertherm Powermax 600 Plasma
- (1) Amada 88 Ton Press Brake 8'
- (1) Amada 3/16 Shear 8'

INSPECTION

- Starret 40"x40"x18" CMM
- Starret HGC 2018-16 CMM
- Starret Comparator
- 48" x 48" Inspection Plates
- 48" x 60" Inspection Plates
- Starret Bore Gauges 1/4" - 4"
- 18" x 24" Inspection Plate
- Mitutoyo 12" Height Gage with Digital Readout
- CSE 26" Height Gage
- Brown and Sharp 12" Cadillac Height Gage, Gage Pins Etc

PROOF OF CONCEPT LABORATORY

Robotic Cell, with a SCARA robot and Frame grabber hardware
Various types of mechanical grippers
Various types of vacuum grippers
Air prep and valve hardware
Various manipulators
Vision hardware
Lensing
Lighting
PC for applications testing and proof of concept
LabView Full Development Suite
LabView Vision Builder
PLC for Breadboard style programming
Various Load Cells and force sensing hardware

MISCELLANEOUS / ANCILLARY EQUIPMENT

- Delta Rockwell Disk & Belt Sander
- Carbide Cutting Pedestal Grinder
- Cummings Drill Press
- Arbor Press
- Power-Matic Band Saw, Model 87 With Welder
- Wellsaw Horizontal Cut-Off Saw, Model 1118
- Cosen (2017) SH-500 Semi Auto w/hydraulic Miter Band Saw
- Baldor Pedestal Buffer
- Hyster 5,000 lbs Capacity Tow Motor
- (3) Komatsu 5,000 lbs. Capacity Tow Motors
- Komatsu 10,000 lbs Capacity Tow Motor

PAINTING

- 20 Ft. wide x 10 Ft. tall x 12 Ft. deep Paint Booth. Full range of painting capabilities