

FACILITIES LIST

FACILITY

Victor N.Y.

136,000 Sq. Ft. Climate Controlled Manufacturing and Assembly Facility spread across three buildings enabling proprietary, confidential and sensitive projects

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

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
- Weight Scale
- Brass Weight Set
- Microscope with Light Ring
- Microscope with PC Monitor

CNC MILLING

- Master Cam 2017 Programming Software
- (2) Fadal Model VMC 3016 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 - 81" x 70" travel

- (2) Vertical Center Nexus 510C2KY Mazatrol Matrix Nexus Control
- (1) Cincinnati Arrow 750 Vertical Machining Center

CNC TURNING

- (1) KIA 8 Inch Turning Center
- (1) KIA SKT 250 Y Lathe with Fanuc 2li Controls (live tooling)

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) Nicco #NSG 6H Wet Grinder 12" x 24"
- (1) Mitsui #MSG 200MH Wet Grinder 6" x 12"
- (1) Chevalier #FSG-2A20 Wet Grinder 8" x 18"
- (1) K.O. Lee #S714 Surface Grinder 6" x 12"

EDM

- (2) Mitsubishi Wire EDM 11" x 14" x 8"
- (1) Mitsubishi Wire EDM 400mm x 30mm x 220mm
- (1) Mitsubishi Wire #ED-2000M Hole Popper 7" x 10" Table x 7.25" Z-travel

TOOLROOM

- (7) Bridgeport 9" x 48" Travel / Acu-Rite Readout / Power Feed
- (10) 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
- (1) Clausing 10" x 30" Lathe Model C1340
- (1) Knee Mill with Mach Motion 2 axis NC control
- (1) Chevalier #FM-3VS 9" x 48" Sony Readout
- (1) Enco #92010 6" x 24"

WATERJET

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

PAINTING

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

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) Miller Inversion 252 Mig Welder
- (1) Miller 18069L Tig Welder
- (1) Bead Blast Cabinet
- (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 with PC DIMS 2015
- Starret Comparator
- 48" x 96" Inspection Plate
- 48" x 36" Inspection Plate
- 48" x 48" Inspection Plates
- 48" x 60" Inspection Plates
- Starret Bore Gauges 1/4" - 4"
- 18" x 24" Inspection Plate
- (1) SPI 18" Height Gage with Digital Readout
- Gage blocks, Pins, .060 to .500, Etc.
- Sine Vise, Vee Blocks, Indicators, Boring head
- Harig Whirley Gig, Radius dresser
- 24" & 40" Mitutoyo calipers
- Mitutoyo 12" Height Gage with Digital Readout
- CSE 26" Height Gage
- Brown and Sharpe 12" Cadillac Height Gage, Gage Pins Etc
- Brown and Sharpe (Hexagon) 0710 CMM with PC DIMS 2014
- Brown and Sharpe Microval 454 CMM with PC DIMS 2009

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
- Wellsaw Horizontal Cut-Off Saw, Model 1318
- 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
- Sunnen #MBB-1650 Honing Machine
- Jet Pedestal Diamond Wheel Grinder
- Extrusion Chop Saw