

EQUIPMENT LIST

SATTTLER INC is a high quality source for Precision CNC Machining Services and Complete Sub-Assembly Manufacture; Low Volume & Prototype Parts Machining, Sub-Assemblies, Pallet Fixtures, Robot (EOAT) Grippers & Cells, and Conveyors

Capabilities include Design with Solidworks (3D & 2D), AutoCAD, complete manufacture, assembly, wire, pipe, and test. Functional test & run-off, as well as CMM certification of parts and assemblies in an environmentally controlled CMM Room. E2 ERP System for comprehensive data collection, part routing and tracking, inventory, accounting, payroll, MIS reporting etc.

CNC Machining Centers: (X x Y x Z)

- MITSUBISHI M-VB25 Fixed Bridge Mill – 4-Axis 70HP 60-Tool w/Right Angle Head (118" x 98" x 39")
- (2) MAZAK – HCN-8800 – 4-Axis 50Hp 120-Tool CNC Horiz Mach Ctr w/Pallet Change (51.2" x 43.3" x 39.4")
- MAZAK - HCN-6000 - 4-Axis 80-Tool CNC Horiz Mach Ctr w/ Pallet Change (40.0" x 31.5" x 31.0")
- MAZAK - HCN-4000 - 4-Axis 80-Tool CNC Horiz Mach Ctr w/ Pallet Change (22.0" x 22.0" x 20.0")
- CINCI - MAXIM 630C - 4-Axis 80-Tool CNC Horiz Mach Ctr w/ Pallet Change (40.4" x 31.5" x 31.5")
- MAZAK - ULTRA 650 - 4-Axis 40-Tool CNC Horiz Mach Ctr w/ Pallet Change (40.0" x 31.5" x 31.0")
- MAZAK – AJV-35/60 – 4-Axis 60-Tool CNC Vert Mach Ctr w/Pallet Change (59.0" x 31.5" x 23.0")
- MAZAK - AJV-32/405 - 3-Axis 60-Tool CNC Vert Mach Ctr w/Pallet Change (39.0" x 27.0" x 18.0")
- MAZAK - AJV-18N - 3-Axis 30-Tool CNC Vert Mach Ctr w/Pallet Change (22.0" x 16.0" x 15.8")
- MAZAK - NEXUS VCN 510C - 30-Tool CNC Vertical Machining Center (41.0" x 20.0" x 20.0")
- MAZAK ~ QUICKTURN 300 - 35Hp CNC Lathe; 12-Tool Turret (10" Chuck; 16.5" dia x 25.7" length)

General Purpose Machine Tools: (X x Y x Z)

- DeVLIEG SPIRAMATIC JIGMIL 43K-48 - Horiz Boring Mill w/ Auto Position (48" x 32" x 36")
- BRIDGEPORT - Series II - (12" x 48" x 12")
- SW INDUSTRIES TRAK MILL MODEL K-3 (12" x 48" x 12")
- TOS - 14" x 60" Lathe
- MARVEL-81A PC Programmable Vertical Hydraulic Band Saw
- ELECTRO-ARC Metal Desintegrator (Tap Burner)
- FOSDICK - Radial Arm Drill; HANNIFIN - 5-ton Press; DAKE - 75-ton Press

Grinding Equipment:

- BROWN AND SHARP No. 2 Cylindrical Grinder
- (2) BROWN & SHARP No. 13 Cylindrical Grinder
- OKAMOTO – 12" X 24" Automatic Surface Grinder
- PARKER MAJESTIC No. 2 Surface Grinder
- REID No. 2 Surface Grinder
- (2) CINCINNATTI No. 2 Tool Cutter Grinder
- (2) SUNNEN – Hone with large assortment of tooling

Inspection Equipment -All inspection equipment has current calibrations per ISO 9001:2015

- SHEFFIELD - CORDAX APOLLO RS-150 CMM ~ Fully Automatic ~ (40" x 72" x 38") PC-DMIS
- SUNNEN Bore Gages and Mastering Unit (2" thru 12")
- MUELLER Groove Diameter Gages
- ZOLLER 40/50 Taper Optical / Digital Tool Presetter
- RENISHAW Touch Probes for most CNC Machine Tool
- Digital Height Gages, Height Master, Gage Blocks, Pins and Balls, Micrometers, Calipers, etc.

Other Equipment:

- 30,300 sq ft CNC Machining, Inspection & Assembly ~ 3,400 sq ft office ~ 15,000 steel storage & fab shop.
- BEAMER Laser Marking System
- Index Tables (motorized, air-lift, and manual), Angle Blocks, Tombstones, Modular Fixturing Details
- Complete CNC Tooling; 1,000+ CAT-V50 and 500+ CAT-V40 Tool Holders
- (1) 20-Ton Bridge Crane & (2) 10-Ton Bridge Crane
- (1) 40 HP and (2) 20 HP Screw-Type Air Compressor Systems
- Air Filtration Units on all CNC's, and in Grind Shop for Dust and Mist
- Gas, MIG and TIG Welding, Vibratory Stress Relieve (VSR), and Sandblast Equipment
- CAD Workstations; AutoCAD & Solidworks (all versions up to the current year)
- Redundant Servers with Cloud and offsite back-up. Color Plotters, Scanners, Copiers, Faxes, etc.
- Automated (computer controlled) Tool Crib for Job Costing and inventory control of perishable tooling
- Multiple Granite Surface plates (8) 48" x 96" up to 60" x 120" for assembly / inspection