

SFI, Inc. Precision Manufacturing and Assembly

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ISO 9001:2015 Certified and Accredited

MIL I-45208A

Facility List

Sheet Metal Fabrication

- (1) Motorum 2048-LT CNC Punch Press, 4 Auto Index Stations and 44 Tool Stations
- (1) Motorum 2548 CNC Punch Press, 4 Auto Index Stations
- (1) F1G-1250 Sheet Loader, 4 ft x 8 ft on the Motorum 2548
Both Presses are equipped with a single station Vari Tool adding 12 additional tools, with over 1000 pieces of different sized and shaped tooling.
- (1) Mazak Nexus Optiplex 3015, 4KW Fiber Laser with Tekmag 6 Shelf FMS
- (1) Wysong CNC Hydraulic Shear, 12ft length, 1/4" thickness
- (1) 6 ft Niagara Shear
- (1) S23A Hydmech Horizontal Band Saw
- (1) Dake Cutoff Saw
- (1) DoAll Bandsaw 20" Throat
- (3) Saws for various materials and cutting speeds
- (1) 6ft CNC Advatage Accurpress Press Brake
- (1) Trumpf C60 CNC Press Brake
- (1) 10 ft CNC Advantage Accurpress Press Brake, 130 Tons
Trumpf and Wilson Precision Ground and Segmented Brake Tooling
- (1) Safan Darley 8' CNC Press Brake
- (1) 3 ft Hydraulic Press Brake
- (3) 90 Degree Corner Notchers
- (1) Eagle Bending and Rolling Machine
- (1) 2 ft Diacro Rolls (16 ga.)
- (1) Cole TUVE 60" Rolling Machine with 1/4" capacity
- (1) Costa Sander/Deburr, 52" Width x 6.3" Height

Quality Control

- Quality Assurance Manual
- (1) Faro Platinum Inspection Arm with 48" Radius
- (4) Surface Plates
- (4) Height Gauges
Miscellaneous JO Blocks, Verniers, and other inspection equipment
- (1) Vertek Laser Scanner, 48" sq. Table
- (1) CMM Coordinate Measurement Machine

Assembly and Subassembly

- (1) Autosert Hardware Insertion Machine
- (2) Autosert Hardware Insertion Machines with Automatic Tooling

Machining

- (1) Milltronics MB18 CNC Bed Mill
(4) Axis, 32" x 19" x 23"
- (1) Milltronics VM25 CNC Machining Center
(3) Axis, 60" x 25" x 24"
- (1) Mazak VCN 510C-II with Probe
(3) Axis, 41" x 20" x 22.5"
- (1) Mazak Nexus QT 100-II MSY, Twin Spindle, CNC Lathe
6" Chuck, 2" Bar Dia., 21.6" Swing, with Sub Spindle and Live Tooling
- (2) Bridgeport Milling Machines with Digital Readout
- (1) Standard Milling Machine
- (1) South Bend Lathe
- (1) Sheldon Lathe
- (4) Drill Presses
- (1) Multi-head Drill Press with Tapping Head
- (2) Flex Arm Tapping Machines

Finishing

- (3) 2 1/2 Cubic Foot Tumblers
- (2) Downdraft Tables for Sanding
- (1) DeVilbiss Spray Booth 8' x 10'
- (1) Closed Door Spray Booth 14' x 20'
Multiple types of spray equipment
Pressure Pots and agitating cups
Various Silk-Screening Equipment

Welding Department

- (3) Miller Synchronwave Tig Welder
- (3) Lincoln Power Mig Welder
- (1) Miller Mig Welder
- (2) Spot Welders
- (1) OTC Almaga EX-V6 Robotic Welder
- (1) Bluco Precision Ground Weld Table and Clamps
- (3) Weldsale Platens 5' x 6'

Engineering and Design

- Product design services are offered from concept to prototype and on to production. We use SolidWorks, and AutoCad software systems.
- (4) CAD/CAM Stations
EPDM Works Software
Striker Systems Turret Punch Press Programming Software
MetalSoft Turret Punch Press Programming Software
CAMWorks for Machining Programming
FeatureCam for Machining Programming
Trumpf Tops 600 Folding Software
Radan Nesting and Profiling Software for Laser