

Equipment and Capabilities

MANUFACTURING FACILITY

40,000 SF Manufacturing
10,000 Distribution Center

SUPPORTING SOFTWARE

Epicor 10 – ERP
SolidWorks 2017 - Design
Mastercam 2017 - Machining
FabriWin – Sheetmetal Inspection
PCDMIS – Quality Assurance
QC-CALC – CPK Analysis & Histograms
eDrawings – CAD File Viewer

FABRICATING DEPARTMENT

(1) Amada AE 2510 NT-Turret with MP 1225 Autoloader
(1) Amada LC2515 C1 AJ Combination Fiber Laser/Turret with Amada ASR 3015 NTR Auto Load/Unload
(1) Amada 2000 Watt Pulsar 1212 Laser

PRESSES

(1) 200 ton Niagara Punch Press
(1) 110 ton Stamtec

CNC PRESS BRAKES

(1) 240 ton Amada Procam 14' bed with 6 axis backgauge
(2) 80 ton Amada with N/C and Fine-Alpha Bender – 9EX backgauge
(2) 50 ton Amada with N/C and Fine-Alpha Bender – 9EX backgauge

CERTIFICATIONS

ISO 9001:2015
ITAR Registered
ORCA Registered
CCR Registered

WELDING EQUIPMENT

(1) Amada America ID40ST Spot Welder
(3) Miller Dynasty 350 Tig Welder
(1) Miller Dynasty 280 Tig Welder
(1) PAK 50 Plasma Torch
(2) Diversitech Downdraft Table

MACHINING DEPARTMENT

(2) DMG Mori NHX 4000 2nd Gen Horizontal Machining Center
(1) KIWA KH 4100 Duel Pallet Horizontal Machining Center
(3) FANUC T-21-iFLa Robo Drill with Pallet Changer
(1) DMG Mori Eco Mill 1100 Vertical Machining Center
(1) FANUC (1X) A-T21-iEL Robo Drill with Pallet Dual Changer
(1) FANUC (1X) E-T14-iBL Robo Drill with Pallet Dual Changer
(1) Proto Trak SMX

ADDITIONAL MACHINING EQUIPMENT

(2) Reid Precision Grinders
(1) GROB Band Saw
(1) Powermatic Tapper
(1) Rockwell Disc Sander
(1) Pexto Shear
(1) Doall Cut Off Saw

SURFACE FINISHING

(1)-Steelmaster SMW-533 Profiline-Deburring/Grinding
(1) Lissmac SMW-123-Deburring/Surface Finishing
(1) Timesaver --9"
(1) P & G Sandblaster
(1) Rosemont Tumbler
(1) Raytech 75 Tumbler

LATHES

(1) Kia Turn 15 Turning Center - 15" Between Centers
(1) Hardinge Precision 8 Station Chucking Lathe

HARDWARE INSERTION

(4) Haeger Automatic Pemserters
(6) Pneumatic STI insertion tools
(2) Pneumatic Rivnut Setters
(3) Pneumatic Rivet Guns

ASSEMBLY DEPARTMENT

(10) Flexible Work Stations
(1) Electrical and PCB Testing
(1) ESDS Controlled
(5) Magnification/Inspection Centers
(1) Serialization and Barcoding

TOOL ROOM DEPARTMENT

(5) Bridgeport Milling Machines w/N.C. Controllers

QA EQUIPMENT

(1) Brown & Sharp Global – Automatic CMM with Tesa Star Head
(1) Fabri Vision 4X4 - Digitizing Part Scanner
(1) Starrett Horizontal Digital Video Measurement System HDV400
(1) Tesa hite 700 - Digital Height Stand with SPC Output
(1) Tesa hite 400 - Digital Height Stand with SPC Output
(5) Mitutoyo - 24" Twin Beam Height Stands
(1) Mitutoyo – Profilometer
(4) Starret - Internal Bore Micrometers
(1) Deltronic gauges
(1) Imada ESH push/pull force gage 0-500 lbs
(1) Imada FB push/pull force gage 0-100 lbs