

## 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 2<sup>nd</sup> 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