

Facility –

110,000 SF Total; manufacturing work shop area 62,500 SF; high bay fabrication & assembly area – 37,500 SF, Four (4) 10 ton overhead cranes with 22' lift height; Two (2) 16' W x 18'H door openings; 2000 amp electrical service



Hydraulic Shears

Amada FG-30II, Atlantic HDS; maximum stroke length 158"; stainless steel up to 3/8", mild steel up to 1/2", aluminum up to 3/4"

HEM Model VT120HA-60 TS High Speed Production Vertical Band Saw

Programmable/Powered Tilt with Angle Read Out for Precision Cuts; Computer Controlled Feed System with Power Lift Table; Full Stroking Vises; Cutting Capabilities: 18" Horizontal X 24" Vertical @ 90 degrees; 18" Horizontal X 16" Vertical @ 45 degrees (left); 18" Horizontal X 14.75" Vertical @ 45 degrees (right); 18" Horizontal X 10" Vertical @ 60 degrees (left); 18" Horizontal X 9" Vertical @ 60 degrees (right)



CNC Lasers

Two (2) Mitsubishi 3015 LVP – 4000 watts with River System automated load/unload, mild & stainless steel, 3/4" maximum thickness. 60" X 120" Maximum capacity

CNC Dynamic Flow Water Jet

Flow Model 712127-1 Dynamic Flying Bridge; FlowMaster 5.0 software; maximum platform capacity: 72" x 144"; maximum thickness: 6"; accuracy: +/- 0.003"; repeatability: +/- 0.002



CNC Turret Punch

Amada Vipros 357 Queen – 50" x 72" process area; reposition 50" x 144"; 10 GA max. 33 punching tons capacity; high speed table positioning of 4,229 IPM; max. form height: .787"; brush table for scratch resistance

Whitney Punch

50 ton; single station; 48" x 120" area; 2 axis control CNC panel gauge



CNC (& Other) Press Brakes

(2) Amada Model HDS 8025 NT
 Amada Model HFB 2204
 Amada Model HFE 130-4S
 Amada Model HDS 1303 NT (pictured)
 Atlantic Model HD
 Toyokoki
 Toyokoki
 Guifil PE 20-60 / 20-63

<u>Axis</u>	<u>Ton</u>	<u>Max. Length</u>
8	88	102"
4	242	170"
8	135	170"
8	143	127"
2	200	168"
6	60	78"
6	40	51"
	66	72"

Multi Axis Vertical Machining Centers

Haas VF-7 84 x 32 x 30
 Haas VF-5 50 x 20 x 25
 (3) Haas VF-4 50 x 20 x 20
 Toshiba BTD-13F.R22 118 x 90 x 63 x 27.5 (pictured)
 Vectrax 34 x 15 x 12



Welding

31 TIG, 20 Wire MIG, Stud and Spot Welders.
 Generous capacity – from 20 gauge metal to 4" thick. MIL248 & MIL278 defense certification for mild steel, aluminum & stainless

CNC Robotic Welding

Arc Mate 120IL;
 Range: 300° Reach: 71.30"; 6 Axis



824 WindowTouch



CNC Pem Inserter

824 Window Touch – 8 tons of ram force; Fully Hydraulic;
 PLC Electrical Controls

Rolling

4' Montgomery roll with computer read-out; various hand rollers; max. roll face 60"; .25" max. material thickness; 1.5" min. circle

Finishing

Vibratory Deburring System; Giant GT10, max. size: 46" x 18" x 22"; Port-A-Vibe, max. size 6" x 6";
 Bead Blasting – booth size 140" x 90" x 89"; SteelMaster – 36" wide



Inspection Department

Brown & Sharpe CMM 22 x 29 x 19
 Faro Platinum Arm, Portable CMM Inspection system – 8ft / 2.4m range, six axis Positector,
 Surface roughness tester, micrometers, Grade A granite table 36 x 72
 Inspection equipment calibrated and traceable back to NBS

