

Alton Manufacturing Incorporated

- Facilities List -



825 Lee Road Rochester, NY 14606
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CNC Machining

- (2) HAAS VF35SYT 40"x26"x25"
- (2) Mazak FH4800 Horizontal 16" Pallets 12,000 RPM Spindle
- (2) Mazak FH5800 Horizontal 20" Pallets 12,000 RPM Spindle
- (1) Mazak FH8800 Horizontal 32" Pallets 7,000 RPM Spindle
- (2) Makino A55 Horizontal 16" Pallets 12,000 RPM Spindle
- (3) Makino A66 Horizontal 20" Pallets 12,000 RPM Spindle
- (1) Makino A77 Horizontal 24" Pallets 12,000 RPM Spindle
- (2) Mazak H400 Horizontal 16" Pallets
- (2) Mazak V7.5 Vertical 16x30
- (2) Mazak V10 Vertical 20x40
- (12) Bench Drill Presses
- (1) Star (4) Axis CNC Lathe
- (2) Hardinge CNC Lathes
- (1) Hardinge CNC GT Lathe
- (1) Hardinge CNC Conquest 42 Lathe
- (7) Single Spindle Drill Presses
- (2) Multi Spindle Drill Presses
- (3) Tapping Machines
- (2) Gang Tapping Machines

Press Room

- (1) 200 Ton Minster Straight Side 44x72 Bolster Auto
- (1) 300 Ton Minster Straight Side 42x72 Bolster Auto
- (7) 100 Ton Minster Straight Side 31x48 Bolster Auto
- (1) 150 Ton Federal OBI 30x30 Bolster
- (2) 110 Ton Minster OBI 27x42 Bolster
- (4) 100 Ton Minster OBI 30x46 Bolster Auto
- (1) 90 Ton Minster OBI 26x40 Bolster
- (2) 75 Ton Minster OBI 24x46 Bolster
- (10) 60 Ton Minster OBI 21x32 Bolster
- (2) 60 Ton Kamatsu Hydraulic OBI Adjustable Stroke 22x36 Bolster
- (4) 45 Ton Minster OBI 18x28 Bolster
- (6) Straighteners Up to 18" wide
- (6) Coil Stock Reels up to 8,000 lb Cap
- (1) Amada Shear 120 Wdx.25 Thick
- (2) Work Cell Conveyers

Tool Room

- (1) Sodic Wire EDM 10x14
- (1) Sodic Wire EDM 14x24
- (1) Mitsubishi Wire EDM 16x30
- (1) Charmilles ISO Pulse EDM 10x12
- (1) Fosdick Jig Bore 24x 48
- (1) Jig Grinder 16x24
- (10) Toolroom Mills
- (1) Flowmaster Water Jet (50) HP integrated pump/ 60,000 psi cutting pressure 48x96 axis travel
- (1) Trump CNC Mill 18x38
- (1) Horizontal Band Saw
- (1) Vertical Band Saw
- (1) Wells Auto Cutoff Saw
- (1) Trens Engine Lathe 12" Swing
- (3) Hardinge Manual Lathes
- (1) Sunnen Honing Machine
- (1) Blohm Wet Grinder 18x28
- (1) Blohm Wet Grinder 12x28
- (6) Linear Surface Grinders
- (1) Clausing Cylinder Grinder

Fabrication

- (1) Mazak 2000 Watt Laser 48x96
- (1) Mazak 1500 Watt Laser 48x96
- (3) 30 Ton SPH Amada Brakes
- (2) 50 Ton CNC Amada Brakes 4' Bed
- (2) 80 Ton CNC Amada Brakes 8' Bed
- (1) 50 Ton Chicago Brake 8' Bed
- (1) 80 Ton CNC Amada Promecam Brake 9' Bed
- (1) 220 Ton CNC Amada Promecam Brake 14' Bed
- (5) Pemserters
- (2) Automatic Cut-Off Saws
- (1) 30 Ton Minster OBI Press
- (2) Trumpf Trumatic 5000R

Welding

- (2) Fanuc Three Stage Robotic Mig Welders
- (2) 100 KA Teledyne Peer Spotwelders
- (3) 150 KVA Teledyne Projection Welders
- (1) Linde Tig Welder
- (1) Lincoln Tig Welder
- (1) 20 KVA Miller Portable Spotwelder
- (1) Portable Mig Welder
- (1) Fanuc Robotic Plasma Welder

Engineering

- CAD/CAM Computer Systems Utilizing CadKey 99 Design & Detailing Software. Full Range of Wire-Frame & Solid Geometry Translator (IGES, DXF, DWG & SAT) Formats
- SmartCam CNC Programming Software
- DNC Interface with all CNC Machining Centers.
- Hewlett Packard "E" Size Networked Roll Feed Color Plotter

Assembly

- (3) Short Tip Orbital Riveters
- (1) Long Tip Orbital Riveter
- (8) Flexible Assembly Workstations
- (5) Miscellaneous Surface Plates
- Localized components Warehouse
- Miscellaneous Air & Electric Drivers

Metal Finishing

- (1) Wet Timesaver 18" Wide
- (1) Wet Timesaver 36" Wide
- (1) Tumbler 60" Diameter
- (1) Tumbler 50" Diameter
- (1) Stoelting Three Stage Parts Washer
- (1) Holland Parts Dryer

Quality Assurance

- (1) Sheffield Cordax 1808M DCC/CMM 24x40
- (1) Sheffield Cordax RS-35 DCC/CMM 36x48
- (1) Hansford Rapid Check CMM 24x40
- (1) OPG Opticom 30" Comparator
- (1) OPG Avant 300 Non-Contact (vision) Measuring System
- (1) Mitutoyo Surface Test III Surface Analyzer
- (1) Sheffield Digital Profilometer
- (4) Certified Surface Plates
- Full Complement of standard inspection tools with direct digital interface capability
- Inspection Department is temperature & humidity controlled