

MODERN TOOL, INC. 2012 – Facilities Equipment List

Perforations

- 4 - 6000 Watt Mitsubishi Laser NX 2D / Towered
- 2 - 4500 Watt Mitsubishi Laser 3015 EX / Towered
- 1 - 6000 Watt Bystronic Bystar, 60 x 120
- 1 - Strippit VT 30 1525 Turret Press
- 1 - Strippit 1000MXP30 Turret Press
- 1 - Strippit FC1000SXP Turret Press
- 1 - Strippit FC1250SXP Turret Press
- 1 - Strippit Super 750SG Turret Press
- 1 - Loshborough/Jordan 40 ton Notching Press
- 3 - DiAcro 5-ton O.B.I. Presses

Forming

- 5 – 440/220/180/160/120 Ton Baykal 5 Axis Press Brakes 10'
- 1 - 350 Ton Cincinnati AutoForm Press Brake 12'
- 1 - 135 Ton Cincinnati Form Master Press Brake 12'
- 1 - 160 Ton Pacific 10' Press Brake
- 2 - 150 ton Chicago 10' Press Brake
- 1 – 60 Ton Cincinnati CB II 4' Press Brake
- 2 - 230 Ton Cincinnati AutoForm 10' Press Brake
- 1 - 60 Ton Chicago 4' Press Brake
- 2 - 14 Ton DiAcro 4' Press Brakes
- 1 – 150 Ton Cincinnati 10' Hurco Back Gage

Receiving / Shearing

- 1 – LVD MVS–TS 50/10' 12mm Plate Shear
- 5 - Three Ton Capacity Monorail System 5,000 lb. cap.
- 1 - Cincinnati Shear 10' x 1/4"
- 1 - Wysong 10' x 10 gage
- 1 - Niagara 8' x 10 gage
- 1 - Amada HDA-250 N/C Cutoff Saw
- 1 - Eisele VMS 2-PV Miter Cut Saw
- 1 - Thermal Dynamics Plasma Cutter 1/4" Capacity
- 1 - Dynapack 110 Plasma Cutter 3/16" Capacity

Welding

- 4 – ABB Robotic Pulse Welders
- 1 - Robotic Miller Axxess Auto 450 Accu-Pulse - Adaptive Pulse multi MIG Process Platform – Digitally Controlled and Software Driven
- 2 - Robotic Miller Deltaweld 451 Computer Controlled Multi-station MIG welders
- 10 - Miller Axxess 300 Accu-Pulse – Adaptive Pulse multi MIG Process Platform – Digital / Software Driven
- 5 – Miller Axxess 450 Accu-Pulse – Adaptive Pulse multi MIG Process Platform – Digital / Software Driven
- 3 - Miller Syncrowave 350 Amp TIG Welders with Pulsar
- 2 - Miller 200 Amp TIG Welders
- 1 - Miller Tec Torch TIG Spot Gun
- 6 – RSW Spotwelders 15 KVA - 100 KVA
- 1 – Spotco Spotwelder 170 KVA

Punch Press

- 1– 400 ton Bliss 32x84 bed w/ Feeder & Straightener
- 1 –160 ton Aida 32x24 bed C Frame
- 5 - 150 ton Clearing OBI presses – 40x 50 beds
- 1 - 300 ton Williams & White 36x42 bed Press
- 1 - 250 ton Niagara 30x48 bed Press
- 2 - 150 ton Bliss 36x60 bed Press
- 1 - 135 ton Minster 48x60 bed Press
- 1 - 110 Ton Niagara OBI 27x42 bed press
- 1 - 110 Ton Niagara OBI 26x42 bed press
- 1 - 106 ton Minster 36x40 bed Press
- 1 - 85 ton Havir 22x36 bed Press
- 1 - 75 ton Bliss 24 x 36 bed Press
- 1 - 60 ton Bliss 18x30 bed Press
- 2 - 56 ton Minster 21x32 bed Press
- 1 - 45 ton Niagara 21x32 bed Press
- 1 - 40 ton Minster 18x28 bed Press
- 1 - 35 ton Niagara 15x24 bed Press
- 1 - 32 ton Niagara 15x24 bed Press
- 1 - 15 ton Niagara 11x16 bed Press
- 9 - Stock Feeders 3" - 18" Wide
- 5 - Stock Straightener 3" - 18" Wide
- 4 - Coil Cradles 36-40" diameter, 400 - 2,500 lb.

Deburring / Grinding

- 1 – Timesavers 3100 Series Thru-Feed Wet Sander Sander 37"
- 1 - Automatic Conveyorized Drier - Degreaser
- 2 - Roto-Vib 8 & 12 cu ft Capacity
- 4 - Barrel Tumbler Dryers
- 1 - Mattison 6" x 300" Straightliner
- 1 - Carborundum 6"x274" Straightliner
- 6 - Belt Sanders 1" x 42"
- 2 - Belt Sanders 1" x 30"
- 1 - Olympic 4" Square D Belt Sander
- 1 - Falls Edge Cutting Deburr

Assembly

- 1 - Haeger 6 ton Automated Press with FEO Feeder
- 1 - Pem Serter 6 ton Auto Press with Syntron Feeder
- 2 - Denison 2 ton Hydro Presses
- 2 - Denison 4 ton Hydro Presses
- 1 - Chicago Automatic Riveting Machine 1-4" diameter
- 1 - Erico Jones Stud Gun
- Misc. Air and Hand Hardware Installation Tools

Coatings Facility

- 2 - Fremont Phosphatizing Systems
- 2 - Fremont Phos-Mate Parts Washer
- 2 - Nordson Versa-Coat Batch Powder Booths with reclamation capability
- 1 - Devilish Paint Booth
- 3 - Hot Air Ovens 8' x 8' x 10'
- 4 - Nordson Versa-Spray System guns with control unit
- 1 - LS-15D Still with Cooler for Solvent disposal
- Misc. Pressure Cup Guns and Pressure Pots.

Machine Shop

- 3 - Proconier Tapping Heads 1/4" cap.
- 1 - Proconier Lead Screw Tapping Attachment
- 1 - Proconier Multi-Head Tapping Attachment (up to 13 holes within 4.5" x 10" Pattern)
- 1 - Bridgeport Mill
- 1 - Tree Mill
- 1 - Clausing Drill Press 1/2" capacity
- 1 - PW800 Stud welder
- 2 - Arbor Presses
- 1 - Denison Rod Cutting Multipress
- 2 - Denison Multipresses for Plate Fixture Hardware Installation
- 2 - Multi-Head Drill Presses (5 & 6 Chuck) 1/2" Capacity

Tool Room

- 1 - Kent Precision Surface Grinder
- 2 - Sharp Vertical End Mills -16 x 30
- 2 - Die Tables 24" x 36"
- 1 - Die Table with Lift 24" x 32"
- 1 - Turntable 15"
- 1 - Marvel Cutoff Saw 16" capacity
- 1 - Wells Metal Band Saw 12" capacity
- 2 - Grod Band Saws 18" Throat
- 1 - Shaper 24"
- 2 - Pedestal Grinders 8" & 6"
- 1 - Small Pedestal Grinder 6"
- 1 - Black & Decker Body Grinder
- 1 - Large Surface Grinder 14x36
- 1 - DoAll Surface Grinder 10x24
- 1 - Small Surface Grinder 6x18
- 1 - Fosdick Tapper 24x24 Table
- 2 - LeBlond Lathes 15" x 36" bed
- 6 - Bridgeport Mills
- 1 - Large Radial Drill Press
- 1 - Small Radial Drill Press 18" x 32"

Quality Assurance

- 1 - Vision Scanner (Inspection)
 - 1 - Faro Arm
 - 1 - Master Set Gage Blocks
 - 2 - Shop Grade Sets
 - 8 - Surface Plates from 18x18 to 42x97
 - 2 - Coordinate Measurement Machines 24" x 18" x 18" & 30" x 20" x 8"
 - 1 - Optical Comparator 5" capability
 - 4 - Height Gages 12"
 - 2 - Height Risers 10"
 - 1 - Microscope 30X
- Various height gages, sine blocks, parallels, squares, calipers, micrometers, scales, thread & pin gages.

Facility

Facility Expansion of 1996 adding approximately 83,000 sq. ft. to existing manufacturing floor space has been fully occupied including an integrated cell for manufacturing with C/N/C Lasers and Turret Presses, Forming and Welding Capabilities. Total shop floor area is 193,000 square feet.

Computerization

- **Epicor 9.05**
- **ISO – 9001:2008 Registered**

Paperless Transaction System

Transfer of Pro-E, IGES or DXF files

- **4 seats of ProE Wildfire**
- **4 Seats of Solid Works**
- **Full EDI Commerce**