

MANOR

TOOL & MANUFACTURING COMPANY



Tool Room Equipment List

MACHINE TYPE	SIZE	NUMBER OF MACHINES
CNC Machines		
VMC HAAS VF5	50" x 26" x 26"	1
Radial Drill Press	48"	2
Surface Grinders	6" x 12"	6
Pedestal Grinders		1
#2 Moore-Jig Grinder		1
Vertical Mills	2 HP	6
Sand Blaster		1
Speed Lathes		1
Screw Press	65 Ton	1
Hoists	1 Ton	2
	3 Ton	1
Water Grinders	12" x 24"	1
	16" x 32"	1
Belt Sander Vertical		1
Okuma	20" x 40" x 25"	1
Feeler	12" x 12" x 18"	1
Mitsubishi Wire EDM	15" x 19"	1
Belt Sander Vertical		1
Quantum CNC Machining Center # Q-200V	Travel 35" x 80"	1
Okuma High Speed CNC Machining Center (15,000 RPM)		1
Mattison Surface Grinder	Travel 18" x 72"	1
Mitsubishi Wire EDM #FA20S	Travel x=19"; y=13"	1
CNC Bridgeport E-Z Track Milling Machine		2
Bridgeport w/Readout		1
Moore #3 Jig Grinder		1
6 x 12 Okamoto Surface Grinders		4
Small Squaring Mill w/ Vice Cincinnati		5
Donau #DR-32 Radial Drill Press (medium size)		4
Regular Fosdick Drill Presses		2
2 Ton Bridge Crane		1
½ Ton Jib Crane		1

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Press Room Equipment List

MACHINE TYPE	SIZE/SPECS	NUMBER OF MACHINES	MAXIMUM CAPACITY
Coil Cradles w/ Automatic Straighteners	4000#	10	30" Wide
Air Press Feeds	.125 Max	21	16" Mat'l Width
Combination Dereeler/Straighteners	6000#	1	20"
Cradle	2000#	2	
Dereelers	6000#	5	
Straighteners	.020/.150	3	
Feedline, Dereelers, Straighteners, Servo-Feed	11,000#	5	1/4" @ 10" W Or 5/32" @ 24" W
Fully Integrated COE Space Saver Feed Lines	15,000#	2	1/4" Thk x 36" Wide
Wintress, Smart Pac2 Press Controls	5	6	Uniform, Solid State Set-Up
Minster 250	22 Tons	1	12 x 20 Bed Size
Bliss 213 214	45	2	18 x 29
Minster 246	56	1	21 x 32
Bliss 244 245 265	60	3	21 x 32
Niagara 208	60	1	21 x 32
Bliss 240	75	1	24 x 36
Federal 234 235 238	75	3	24 x 36
Niagara 202	90	1	25 x 39
Niagara 201	110	1	27 x 42
Federal 237	100	1	30 x 60
Bliss 260	150	1	30 x 50
Bliss 243	150	1	36 x 60
Bliss 253	200	1	36 x 60
Verson 264	90	1	19 x 34 1/2
Minster 300	150	1	40 x 54
Bliss 302	110	1	27 x 42
Bliss 317	400	1	48 x 96
Bliss 207 206	250	2	34 x 58
Komatsu Servo H2W300	330	1	47 x 94
AIDA 231	220	1	25 x 34

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Machine Department Equipment List

MACHINE TYPE	SIZE (TONNAGE)	NUMBER OF MACHINES	MAXIMUM CAPACITY
Di-Acro Hand Press		1	
Automatic Riveters		1	
Multi Press Air Over Hydraulic		1	1000 PSI
Haeger-Pem Stud Inserter-Autofeed		1	
Natco-Autofeed Drill & Tap		2	5HP/16 Spindle
Matsuura MC760 VX 7 HP		1	30 Tool Carousel
Pedestal Polish & Deburr		1	
Auto Reaming Machine		1	Gear Blanks
Finn-Power C-5 Turret Press		1	Auto Load/Unload with Parts Through
Press Brakes-Pullmax DI-Acros & Pacific CNC Programmable	30-110	4	10'
Hand Brake	4'	1	.060 Steel
Hammond Roto Finish Vibratory Deburring	6' Dia Tub	1	500#
Hollow Spinner		1	140#
Air Hand Presses for Small Tools		3	
50 KVA Press Type Spot & Projection Welder		1	
75 KVA Press Type Spot & Projection Welder		1	
20 KVA Rocker Arm		2	Can Spotweld as Thin as .005
Vertical Mills		1	
Horizontal Mills		2	2 w/ Automatic Feeds
Drill Presses		19	
Multi Spindle Lead Screw Tapper	10" Throat	1	17" x 37" x 29" Spindle
Lead Screw Tapper	6" Throat	2	2 Spindle
Multi Drill	8" Throat	1	22" Dia x 10" Spindle
Automatic Drill & Tap Machines-Snow		1	Single Spindle
Surface Grinders (Water Grinders)		2	16" x 24"
Wysong Shear	10 Foot	1	3/16" Thick Mild Steel
Belt Sanders		3	
Arbor Presses		2	

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Engineering Department Equipment List

MACHINE TYPE	NUMBER OF MACHINES
2013 AutoCad w/ D15 Maker	5
NC Express	1
HP Design Jet 500C (Large)	1
HP Color Laser Jet M553	1
Diaz Blueprint Machine	1
Unigraphics NX5 w/ Progressive Die Wizard Cad Software	1
Solidworks - Software w/ 3D Quickpress	1

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Quality Assurance Equipment List

MACHINE TYPE	NUMBER OF MACHINES
Sherr-Tumico Fully Programmable CNC 2 Axis Optical Comparator	1
Brown & Sharp Fully Programmable CNC Coordinate Measuring Machine w/DMIS 3-D Software & Real Time SPC Software	1
Brown & Sharp Digit-Hite Plus	1
Tesa Micro-Hite	1

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CLL Engineering Equipment List

MACHINE TYPE	SPECS	NUMBER OF MACHINES
Quantum CNC Machining Center	block size: 80 x 35 x 32 height	1
Okuma CNC Machining Center	3 Axis - block size: 40 x 20 x 17	2
Programmable EZ trak Bridgeport Mills		1
Tryout Presses	to 400 Ton	1
Mitsubishi Wire Machine	19 x 13 work area x8	2
Mattison Surfae Grinder	18 w x 72 long x 20	1
Moore Jig Grinder		2
Complete Tool Room Equipment		1
Overhead Crane	5000 lb. capacity	1
Software:	Auto Cad 2009, Die Maker, MasterCam, Unigraphics	1
Charmilles Wire Machine	16 x 10 x 8	1
Haas CNC Machining Center	40 x 20 x 20	1
Haas CNC Machining Center	50 x 26 x 26	1
Haas TL-2 CNC	16 x 48	1
South West Machining Centers		1