



## Middleville Tool & Die Co., Inc. Press Specifications - Manufacturing

Press No.	Make	Tons	Stroke	Stock Thick	Stock Width	Stock Thick	Stock Width	Stock Thick	Stock Width	Type	S.P.M.	SHUT HEIGHT			BED SIZE		RAM SIZE		Feeder Stroke	Preferred Feed Lvl	O.D.		I.D.		# Capacity	Exceptions
												Min.	Max.	Preferred	F.B.	R.L.	F.B.	R.L.			Min	Max	Min	Max		
*** 22	Stamtec	1100	16	0.375	12"	0.250	24"	0.125	66"	SS	14-45	20.87"	39.37"	36.0" ± .25	84.6"	169"	84.6"	169"	99"	22" ± .5	36"	72"	22"	24"	30000	
** 21	Stamtec	600	12	0.250	24"	0.167	36"			SS	25-50	18"	27.875"	27.5" ± .25	60"	120"	60"	120"	99"	16.5" ± .5	36"	72"	22"	24"	20000	
19	Bliss	400	8	0.312	12"	0.250	24"			SC2	30-60	11.75"	21.37"	21.0" ± .25	42"	72"	42"	72"	99"	13.5" ± .5	36"	65"	22"	24"	15000	
6	Makay Warco Air Cush 7" Draw 24x14	400	14	0.250	17"	.180"	24"			SS	18 / 36	21"	30.5"	21.5 ± .250	54"	84"	54"	84"	99"	13.5" ± .5	36"	72"	22"	24"	20000	
18	Bliss	300	6	0.190	12"	.120"	24"			SS	30-90	15.37"	21.37"	21.0" ± .25	42"	72"	36"	72"	99"	13.5" ± .5	36"	65"	22"	24"	15000	
20	Komatsu	275	9.88							Gap Frame	30-50	19"	23.75"	21.0" ± .25	37"	106"	28"	83"								
23	Komatsu	200	10	0.250	7"	0.125	26"			Gap Frame Max	40	15.00	19.50		33.5"	95"	25.75"	73.5"		9.75"		72"	20"	24"	28000 per side	
1	AIDA	110	7	0.156	13"					Gap Frame	50	10.2"	14.25"	14.0" ± .100	27"	56"	20.4"	23.5"								
2	AIDA	90	6.375"	0.187						Gap Frame	60	9.75"	12.5"		19.75"	37.375"	15.75"	21.25"	---	---						Storage
7	Bliss	60	4	---						OBI	75	8.25"	11.25"		21"	32"	11"	17"								
9	Bliss	60	4	---						OBI	75	9.75"	12.75"		21"	32"	11"	17"								Storage
15	Minster	60	4"	0.070						OBI	45-160	7.25"	10.25"		21"	32"	14"	21.25"	99"	5"	36"	56"	16"	20"	4000	

\* If steel ordered is skidded then 10M# max, spacers required

\* If steel ordered standing, must be .100 and 12" min then 15M# max

\*\* Equipped with Wayne Trail Technologies transfer system model #MTTBD-II. Fully programmable servo driven front and back mounted system utilizing universal transfer rails engineered by Middleville Tool & Die Co., Inc. System is capable of running 100% gripper tooling utilizing Syron rail receivers and micro versa link components.

\*\*\* Equipped with Linear transfer system model FR2000 Fully programmable servo driven front and back mounted system utilizing unersival transfer rails engineered by Middleville Tool & Die Co., Inc. System is capable of running 100% gripper tooling utilizing Syron rail receivers and micro versa link components.



## Middleville Tool & Die Co., Inc. Press Specifications - Tool Build

Press No.	Type	Tons	Stroke	Stock Thick					Type	S.P.M.	SHUT HEIGHT			BED SIZE		RAM SIZE		Preferred Feed Lvl	O.D.		I.D.		# Capacity
											Min.	Max.	Preferred	F.B.	R.L.	F.B.	R.L.		Min	Max	Min	Max	
Tool Room	Hydraulic	300	12	---					Enclosed	---	---	16"		3"	18"	16.24	---	---					
Tool Room	Hydraulic Dual Cylinder	200	12	---					SS	---	12"	24"		42"	60"	42"	60"	---	---				
Tool Room	Hydraulic Air Cushion 2" Draw	110	8	---					SS	---	9"	18"		29"	21"	18"	16"	---	---				
Tool Room	Hydraulic	80	12	---					SS	---	1"	13"		21"	26"	15.5"	23"	---	---				
Tool Room	Hydraulic	80	10	---					SS	---	3 1/2"	13 1/4"		21"	26"	15"	23"	---	---				



## Middleville Tool & Die Co. Inc. Other Equipment - Tooling

### EDM

- 1 Elox Series P, Travel - 13.779 X 9.842 X 8.125
- 1 Genspark EDM Drill, Envelope - 24 X 12 X 12

- 1 Fanuc Robocut 11A, Travel - 20.472 X 14.567 X 12.205
- 1 2' X 3' Inspection Grade Surface Plate

### DESIGN & CNC

- 1 OKK VM5 II 40 X 20 X 20 CNC MILL
- 1 OKK VM5 III 40 X 20 X 20 CNC MILL
- 2 18" X 24" Surface Plates
- 7 Design Stations Utilizing SolidWorks

- 1 HAAS VF-4 50 X 20 X 20 CNC MILL
- 1 Propen CNC ID Marker 36 X 24 X 20
- 3 CNC Programming Stations

### WATERJET

- 1 FLOW Water Jet Machine - 4 X 8 Submersible With Dynamic Head

### CMM

- 1 Brown & Sharp Global Image CMM
- 1 Renishaw Motorized Probe Head (PH10MQ)
- 1 Renishaw SP600M Scanning Probe Head
- 1 Renishaw Touch Trigger Probe (TP200)

- 1 SCR200 Stylus Changer Rack
- 1 PC-DMIS CAD ++ (DCC) Software
- 1 DataPage / RT Statistical Software

### Grinding Room

- 7 Surface Grinders max size 36 X 18 X 16

### Hydraulic Presses up to:

- 4 60 X 42 X 24 & 300 ton See above tables

### Tool Room

- 2 Manual Drill Presses 36 X 18 X 12 capacity
- 1 60" X 120" Die Wash Station
- 1 8' Sheat Metal Brake
- 2 Vertical Band Saws
- 5 Bridgeport series one mills with digital readout
- 1 Cincinnati 50 Taper Vertical Salbbing Mill
- 6 Surface Plates up to 48" x 36" inspection grade

- 3 Radial Drills 4' 5' & 6' reach
- 1 5' Shear Press
- 1 3' Sheat Metal Pan & Box Brake
- 1 Horizontal Band Saw 12" X 14" Capacity
- 1 Bridgeport series two mill with digital readout
- 1 Kearney & Trecker 50 Taper Horizontal Slabbing Mill

### Miscellaneous

Miller TIG Welder  
 Plasma Cutter  
 5000# Fork Truck Forks 4" Wide X 1-3/4 Thick, ID 28"  
 21000# Fork Truck Forks 7" Wide X 3" Thick, ID 30-1/2"

Torch Set





