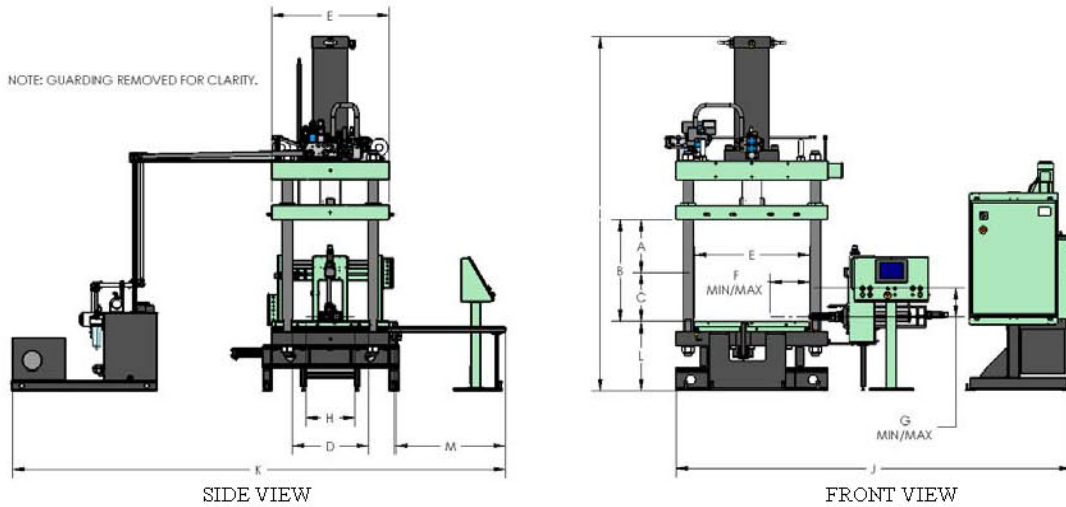


1.1 MODEL 35 SPECIFICATIONS – US (60 HERTZ)



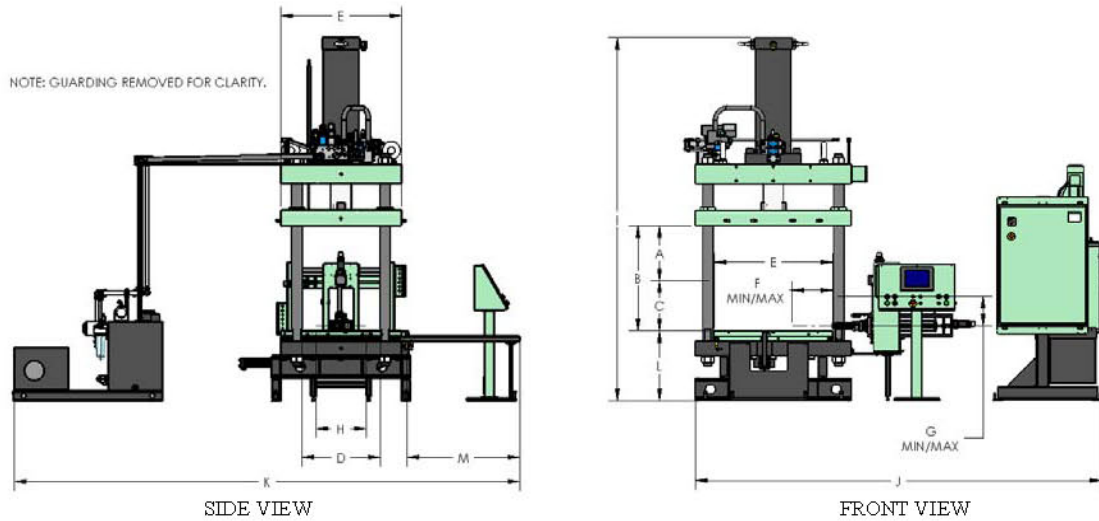
Model	35-150	35-200	35-100	35-300
Clamp Force	28 - 150 ton	38 - 200 ton	20 - 100 ton	75 - 300 ton
Platen Speed Close Rapid	2.4 in./sec.	1.6 in./sec.	2 in./sec.	.98 in./sec.
Platen Speed Close Slow	1.1 in./sec.	.75 in./sec.	1 in./sec.	.5 in./sec.
Platen Speed Open	1.9 in./sec.	1.5 in./sec.	1.9 in./sec.	.9 in./sec.
A. Stroke	36 in.		42 in.	
B. Daylight Maximum	42 in.		48 in.	
C. Daylight Minimum	6 in.			
D. Distance Between Columns	48 in.		60 in.	
E. Platen Width	48 in.		60 in.	
F. Nozzle In/Out Adjustment	8 – 24 in.		14 – 30 in.	
G. Nozzle Up/Down Adjustment	2 – 12 in.			
H. Nozzle Left/Right Adjustment	+/- 10 in.			
I. Overall Height	147 in.		206 in.	
J. Overall Width	166 in.		180 in.	
K. Overall Depth (not including Jb Crane)	190 in.		238 in.	
L. Platen to Floor	28 in.			
M. Shuttle Table Travel	48 in.		70 in.	
Shuttle Table Speed	6 in./sec.			
Die Mount Holes	1/2-13			
Wax Reservoir Capacity	30 gallon			
Wax Reservoir Cooling Capacity	200 lb./hr. @ ΔT of 30°F			
Single Shot Capacity	1130 cu. in.			
Injection Pressure	50 – 1000 PSI			
Injection Rate	0 – 15 cu. in./sec.			
Injection Time	0 – 999 second			
Injection Counter	19,999			
Nozzle Tip	3/8 in radius			
Hydraulic Reservoir Capacity	100 gallon			
Hydraulic Cooling Water	5 GPM @ 80°F			
Electrical Standard	460V, 60Hz, 3ph			
Power Requirement	32 KVA			
Air Requirement	80 PSI			
Machine Weight	27,000 lb.	28,000 lb.	40,000 lb.	42,000 lb.

* Shuttle work table work area reduced when supplied with platen guarding

Notes: Optional equipment may alter the machines overall dimensions, weight, and power requirements. Contact MPI sales department for additional information.

We reserve the right to change specifications without notice.

1.2 MODEL 35 SPECIFICATIONS – METRIC (50 HERTZ)



Model	35-150	35-200	35-100	35-300
Clamp Force	25 - 136 ton	34 - 181 ton	18 - 91 ton	68 - 272 ton
Platen Speed Close Rapid	51 mm/sec.	32 mm/sec.	42 mm/sec.	25 mm/sec.
Platen Speed Close Slow	23 mm/sec.	16 mm/sec.	21 mm/sec.	13 mm/sec.
Platen Speed Open	40 mm/sec.	34 mm/sec.	40 mm/sec.	23 mm/sec.
A. Stroke	914 mm		1067 mm	
B. Daylight Maximum	1067 mm		1219 mm	
C. Daylight Minimum	152 mm			
D. Distance Between Columns	1219 mm		1524 mm	
E. Platen Width	1219 mm		1524 mm	
F. Nozzle In/Out Adjustment	203 – 610 mm		356 – 762 mm	
G. Nozzle Up/Down Adjustment	51 – 305 mm			
H. Nozzle Left/Right Adjustment	+/- 254 mm			
I. Overall Height	3734 mm		5232 mm	
J. Overall Width	4216 mm		4572 mm	
K. Overall Depth (not including Jb Crane)	4826 mm		6045 mm	
L. Platen to Floor	711 mm			
M. Shuttle Table Travel	1219 mm		1778 mm	
Shuttle Table Speed	152 mm/sec.			
Die Mount Holes	M12			
Wax Reservoir Capacity	113 l			
Wax Reservoir Cooling Capacity	90 kg/hr. @ ΔT of 15°C			
Single Shot Capacity	18.5 l			
Injection Pressure	3.5 – 70 bar			
Injection Rate	0 - .2 l/sec.			
Injection Time	0 – 999 second			
Injection Counter	19,999			
Nozzle Tip	9.5 mm radius			
Hydraulic Reservoir Capacity	379 l			
Hydraulic Cooling Water	19 l/min. @ 27°C			
Electrical Standard	380V, 50Hz, 3ph			
Power Requirement	32 KVA			
Air Requirement	5.5 bar			
Machine Weight	12,247 kg	12,700 kg	18,145 kg	19,051 kg

* Shuttle work table work area reduced when supplied with platen guarding.

Notes: Optional equipment may alter the machines overall dimensions, weight, and power requirements. Contact MPI sales department for additional information.

We reserve the right to change specifications without notice.