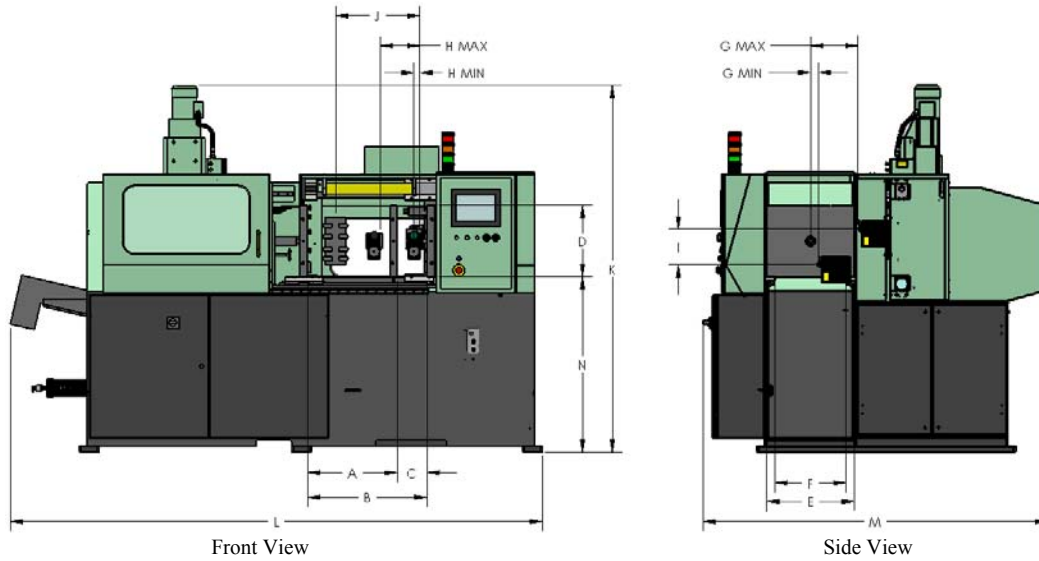


1.1 MODEL 45 SPECIFICATIONS



Model	MODEL 45-12		MODEL 45-25	
	US (60Hz)	METRIC (50Hz)	US (60Hz)	METRIC (50Hz)
Clamp Force	12 ton	10.7 ton	25 ton	22.3 ton
Platen Speed Close Rapid	9 in/sec	190 mm/sec	8 in/sec	169 mm/sec
Platen Speed Close Slow	1 in/sec	21 mm/sec	1 in/sec	21 mm/sec
Platen Speed Open Slow	1 in/sec	21 mm/sec	1 in/sec	21 mm/sec
Platen Speed Open Rapid	9 in/sec	190 mm/sec	8 in/sec	169 mm/sec
A. Stroke	25 in	635 mm	30 in	762 mm
B. Daylight Maximum	30 in	762 mm	35 in	889 mm
C. Daylight Minimum	5 in	127 mm	5 in	127 mm
D. Platen Height	18 in	457 mm	24 in	609 mm
E. Platen Width	22 in	559 mm	30 in	762 mm
F. Distance Between Guide Rails	18 in	457 mm	24 in	609 mm
G. Nozzle In/Out Adjustment	2-12 in	51-304 mm	5-15 in	123-381 mm
H. Nozzle Left/Right Adjustment	2-10 in	51-254 mm	2-10 in	51-254 mm
I. Nozzle Up/Down (Only with 3 rd Axis)	+3 / -3 in	+76 / -76 mm	+3 / -3 in	+76 / -76 mm
J. Spray Left/Right Adjustment	10-20 in	254-508 mm	10-20 in	254-508 mm
K. Overall Height	92 in	2340 mm	96 in	2438 mm
L. Overall Width (Includes Conveyor)	133 in	3380 mm	138 in	3505 mm
M. Overall Depth	86 in	2180 mm	92 in	2336 mm
N. Platen to Floor	44 in	1120 mm	41 in	1041 mm
Die Mount Holes	3/8-16	M10-1.5	3/8-16	M10-1.5
Wax Reservoir Capacity	30 gal	114 l	30 gal	114 l
Wax Reservoir Cooling Capacity	200 lb/hr @ ΔT of 30°F	90 kg/hr @ ΔT of 15°C	200 lb/hr @ ΔT of 30°F	90 kg/hr @ ΔT of 15°C
Single Shot Capacity	150 cu in	2.5 l	150 cu in	2.5 l
Injection Pressure	50 – 1000 PSI	3.5 – 70 bar	50 – 1000 PSI	3.5 – 70 bar
Injection Rate	0 – 15 cu in/sec	0 - .2 l/sec	0 – 15 cu in/sec	0 - .2 l/sec
Injection Time	0 – 999 sec	0 – 999 sec	0 – 999 sec	0 – 999 sec
Injection Counter	19,999	19,999	19,999	19,999
Nozzle Tip	3/8 in radius	9.5 mm radius	3/8 in radius	9.5 mm radius
Hydraulic Pattern Ejector Travel	4 in	102 mm	4 in	102 mm
Injection Count Per Spray	1 – 999	1 – 999	1 – 999	1 – 999
Hydraulic Reservoir Capacity	55 gal	210 l	55 gal	210 l
Hydraulic Cooling Water	4 GPM @ 80°F	15 l/min @ 27°C	4 GPM @ 80°F	15 l/min @ 27°C
Electric Standard	480V, 60Hz, 3ph	380V, 50Hz, 3ph	480V, 60Hz, 3ph	380V, 50Hz, 3ph
Power Requirement	12.5 KVA	12.5 KVA	12.5 KVA	12.5 KVA
Air Requirement	80 PSI	5.3 bar	80 PSI	5.3 bar
Machine Weight	7,500 lb	3,402 kg	10,000 lb	4,536 kg

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.