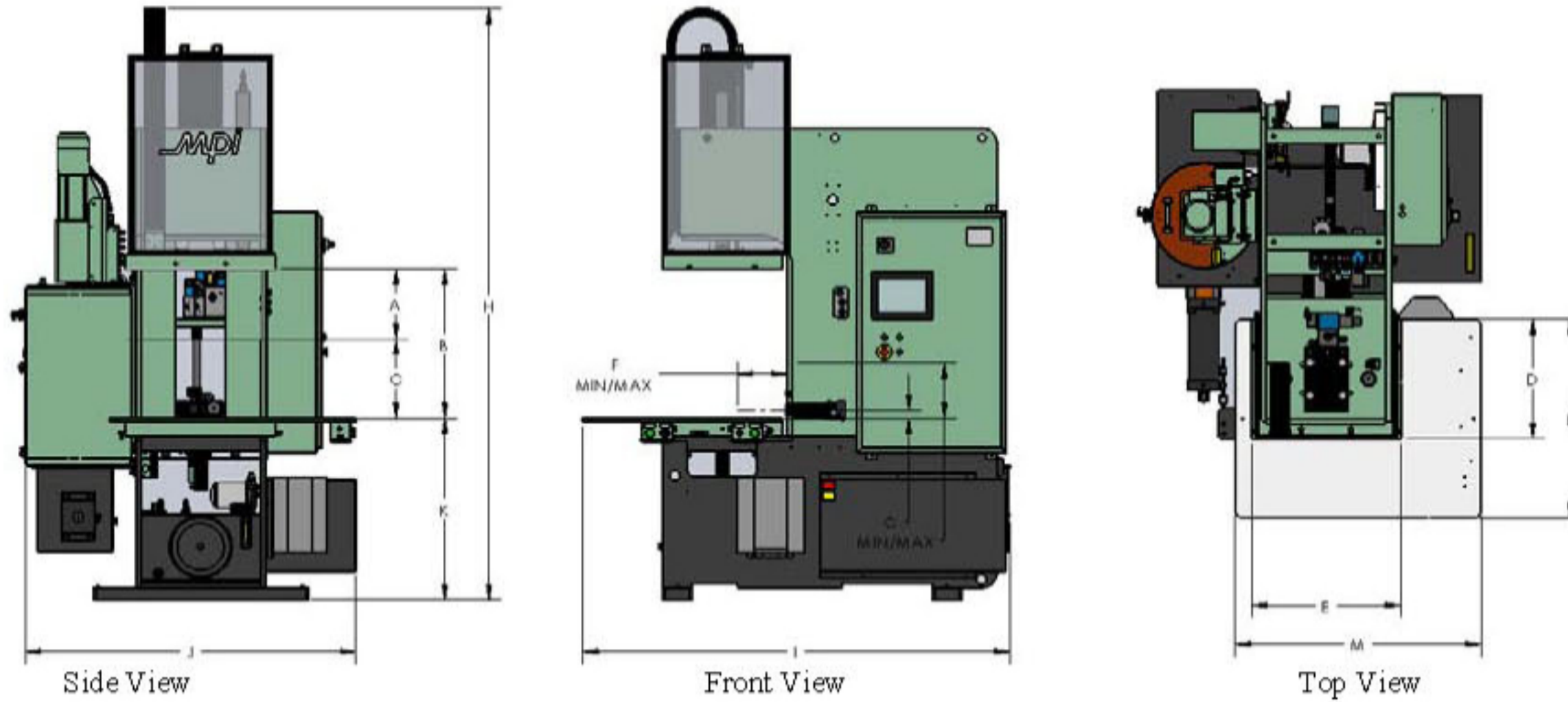


SEMI-AUTOMATIC WAX INJECTOR



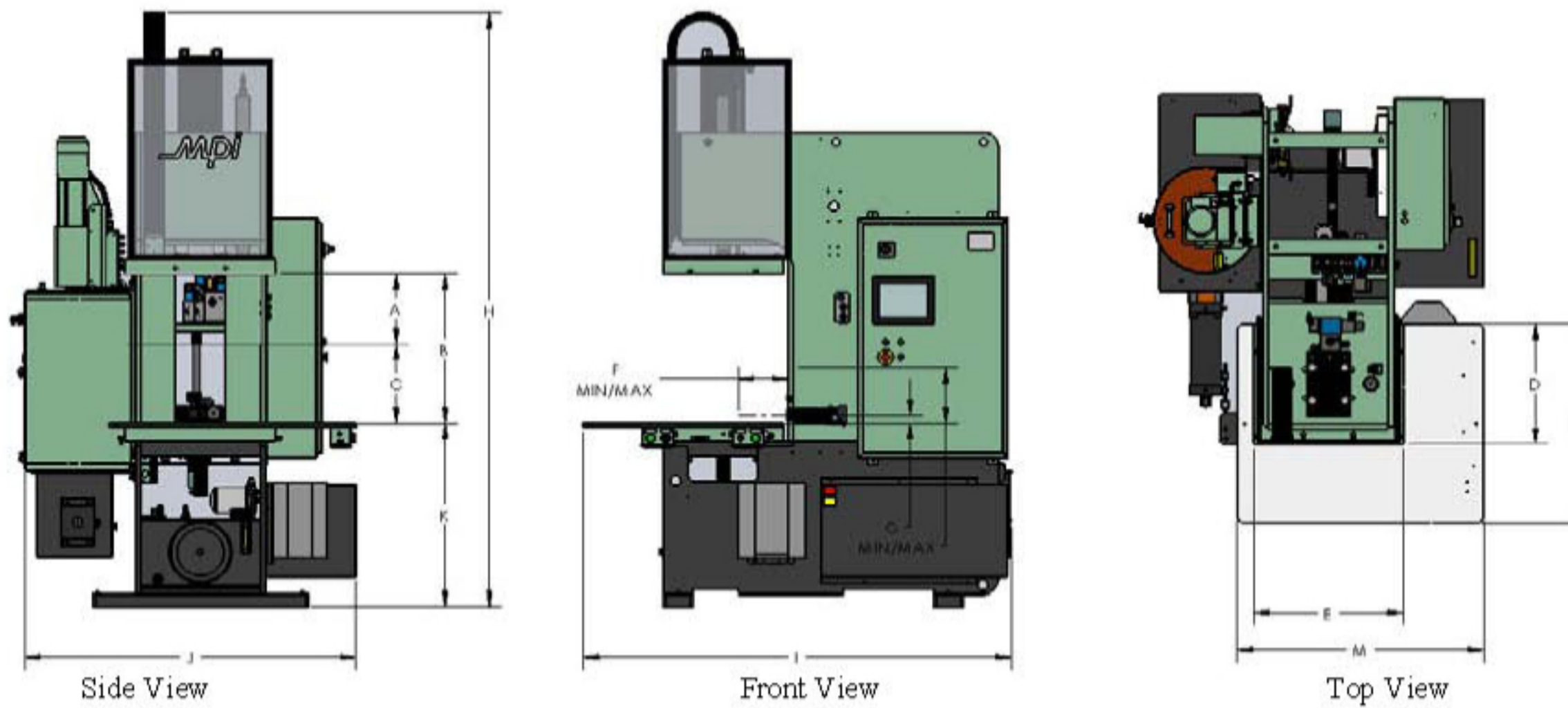
1.1 MODEL 55 SPECIFICATIONS – US (60 HERTZ)



Model	55-25-18	55-25-24	55-40-24	55-40-30	55-50-24	55-50-30	55-100-32	55-100-38
Clamp Force	25 ton		40 ton		50 ton		100 ton	
Platen Speed Close Rapid	4 in/sec		3.9 in/sec		2.2 in/sec		2 in/sec	
Platen Speed Close Slow	2 in/sec		1.7 in/sec		1.1 in/sec		1 in/sec	
Platen Speed Open	3.8 in/sec		3.1 in/sec		2.3 in/sec		1.9 in/sec	
A. Stroke	14 in	20 in		26 in	20 in	26 in	28 in	34 in
B. Daylight Maximum	18 in	24 in		30 in	24 in	30 in	32 in	38 in
C. Daylight Minimum	4 in							
D. Width of Platens	18 in		24 in		34 in		40 in	
E. Depth of Platens	22.5 in		30 in		40 in		50 in	
F. Nozzle In/Out Adjustment	0 – 10 in		3 – 13 in		8 – 18 in			
G. Nozzle Up/Down Adjustment	2.25 – 8 in		2.25 – 10 in					
H. Overall Height	92 in	98 in	111 in	123 in	111 in	123 in	132 in	148 in
I. Overall Width	76 in		86 in		112 in			
J. Overall Depth	67 in		72 in		73 in			
K. Platen to Floor	36 in							
L. Work Area Width	30 in		40 in		50 in			
M. Work Area Depth	42.6 in		49.3 in		56 in			
Die Mount Holes	3/8-16							
Wax Reservoir Capacity	30 gallon							
Wax Reservoir Cooling Capacity	200 lb/hr @ ΔT of 30°F							
Single Shot Capacity	150 cu in						400 cu in	
Injection Pressure	50 – 1000 PSI							
Injection Rate	0 – 15 cu in/sec							
Injection Time	0 – 999 second							
Nozzle Tip	3/8 in radius							
Hydraulic Reservoir Capacity	28 gallon		33 gallon		60 gallon			
Hydraulic Cooling Water	3 GPM @ 80°F							
Electrical Standard	460V, 60Hz, 3ph							
Power Requirement	14.5 KVA						17 KVA	
Air Requirement	80 PSI							
Machine Weight	4,400 lb	4,500 lb	9,500 lb	9,750 lb	9,500 lb	9,750 lb	26,000 lb	27,000 lb

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.

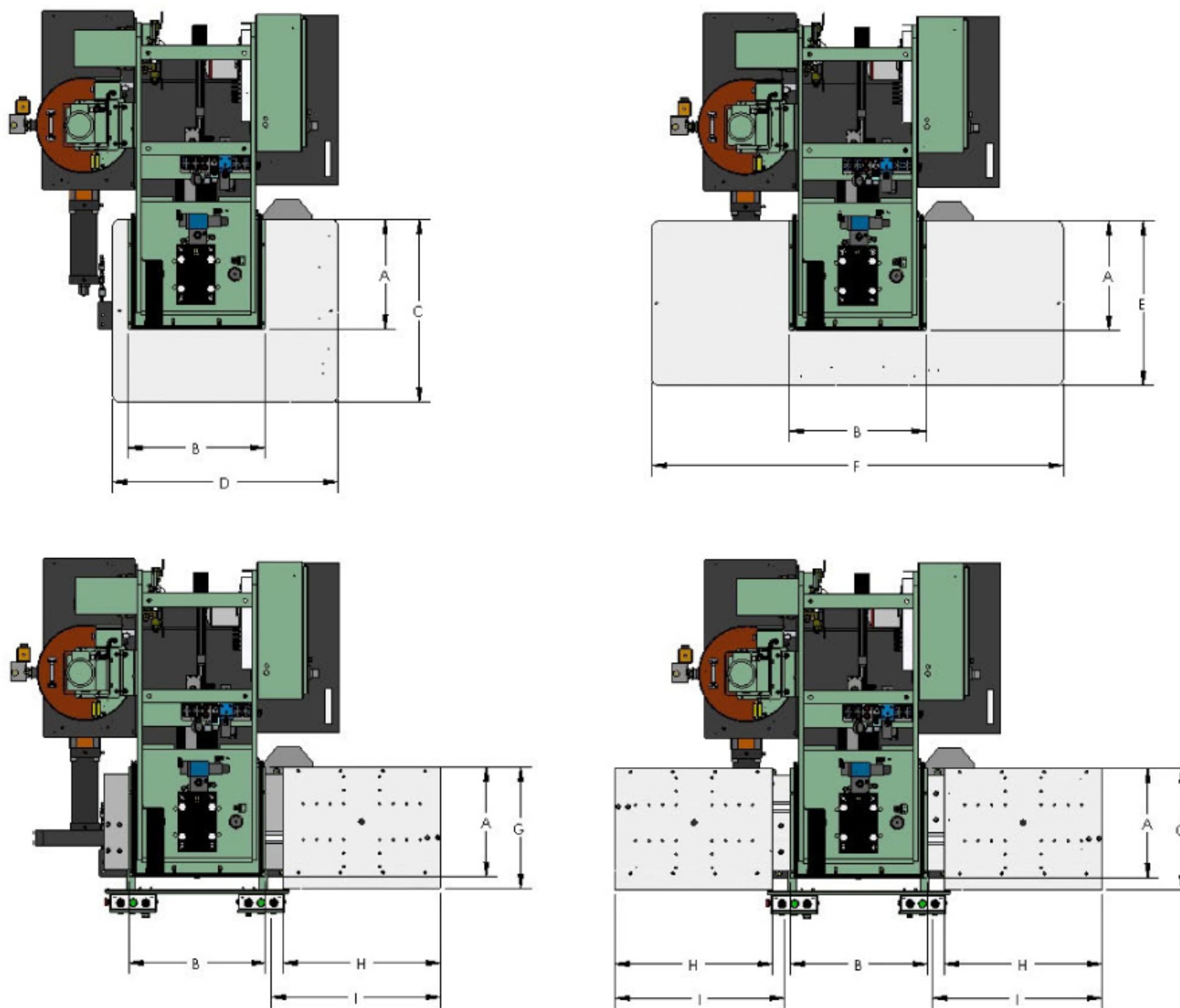
1.2 MODEL 55 SPECIFICATIONS – METRIC (50 HERTZ)



Model	55-25-18	55-25-24	55-40-24	55-40-30	55-50-24	55-50-30	55-100-32	55-100-38
Clamp Force	23 ton		35 ton		45 ton		91 ton	
Platen Speed Close Rapid	85 mm/sec		83 mm/sec		47 mm/sec		42 mm/sec	
Platen Speed Close Slow	42 mm/sec		35 mm/sec		23 mm/sec		25 mm/sec	
Platen Speed Open	80 mm/sec		65 mm/sec		48 mm/sec		40 mm/sec	
A. Stroke	356 mm	508 mm		660 mm	508 mm	660 mm	711 mm	864 mm
B. Daylight Maximum	457 mm	610 mm		762 mm	610 mm	762 mm	813 mm	965 mm
C. Daylight Minimum	102 mm							
D. Width of Platens	457 mm		610 mm		610 mm		864 mm	
E. Depth of Platens	572 mm		762 mm		762 mm		1016 mm	
F. Nozzle In/Out Adjustment	0 – 254 mm		76 – 330 mm		76 – 330 mm		203 – 457 mm	
G. Nozzle Up/Down Adjustment	57 – 203 mm		57 – 254 mm					
H. Overall Height	2337 mm	2489 mm	2819 mm	3124 mm	2819 mm	3124 mm	3353 mm	3760 mm
I. Overall Width	1930 mm		2184 mm				2845 mm	
J. Overall Depth	1702 mm		1829 mm				1854 mm	
K. Platen to Floor	914 mm							
L. Work Area Width	762 mm		1016 mm		1016 mm		1270 mm	
M. Work Area Depth	1082 mm		1252 mm		1252 mm		1422 mm	
Die Mount Holes	M10							
Wax Reservoir Capacity	113 liter							
Wax Reservoir Cooling Capacity	90 kg/hr @ ΔT of 15°C							
Single Shot Capacity	2.5 liter		2.5 liter		2.5 liter		6.5 liter	
Injection Pressure	3.5 – 70 bar							
Injection Rate	0 – .2 l/sec							
Injection Time	0 – 999 second							
Nozzle Tip	9.5 mm radius							
Hydraulic Reservoir Capacity	106 liter		125 liter		125 liter		227 liter	
Hydraulic Cooling Water	11 l/min @ 27°C							
Electrical Standard	380V, 50Hz, 3ph							
Power Requirement	14.5 KVA						17 KVA	
Air Requirement	5.3 bar							
Machine Weight	1996 kg	2041 kg	4309 kg	4423 kg	4309 kg	4423 kg	11,794 kg	12,247 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.

1.3 MODEL 55 WORKTABLE SPECIFICATIONS



Model	55-25-18	55-25-24	55-40-24	55-40-30	55-50-24	55-50-30	55-100-32	55-100-38
	US	METRIC	US		METRIC		US	METRIC
A. Width of Platens	18 in	457 mm	24 in		610 mm		34 in	864 mm
B. Depth of Platens	22.5 in	572 mm	30 in		762 mm		40 in	1016 mm
C. Width of Single Work Table Work Area	30 in	726 mm	40 in		1016 mm		50 in	1270 mm
D. Depth of Single Work Table Work Area	42.6 in	1082 mm	49.3 in		1252 mm		56 in	1422 mm
E. Width of Double Work Table Work Area	30 in	762 mm	36 in		914 mm		46 in	1168 mm
F. Depth of Double Work Table Work Area	67.5 in	1715 mm	90 in		2286 mm		120 in	3048 mm
G. Width of Shuttle Worktable Work Area*	20.8 in	528 mm	26.6 in		676 mm		36.8 in	935 mm
H. Depth of Shuttle Worktable Work Area*	29.5 in	749 mm	34.5 in		876 mm		45 in	1143 mm
I. Shuttle Travel	31 in	787 mm	36 in		914 mm		46 in	1168 mm

* 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.