Moldman™ 4000 Product Specification Sheet

MOLDMAN™ 4000

Dimentions & Weight	English	Metric
Height	61"	1550 mm
Width	31.5"	800 mm
Depth	31.5"	800 mm
Weight	385 lb.	175 kg
Power & Air Requirements		
Voltage	AC 200-240V, Single Phase, 50/60Hz	
Power	1600W	
Air Pressure	100 psi	7 bar
Air Volume	0.5 SCFM	15 lpm
Standard Features		
Clamp	Manual toggle	
Clamping Force	1 ton	10 kn
Clamp Stroke	4"	100 mm
Ejector	Pneumatic	
Ejector Force	187 lbf.	830 N
Ejector Stroke	0.4"	10 mm
Moldset Dimension	6.90" x 5.24"	175 mm x 133 mm
Mold Thickness	1.890" each half	48 mm each half
Injection Nozzle	Permanent engagement	
Moldset Cooling	Cross-drilled mold platens	
Melt Reservoir	10 lb. self draining	4 liter (4.5 kg) self draining
Melt Temperature	Up to 475° F	Up to 245° C
Gear Pump Capacity	40 lb / Hour	18 kg/hour
Pump Motor	1/8 HP	0.09 kW / 90 W
Injection Pressure	15 to 300 psi	1 to 20 bar
Shot Size	0.02 to 3 ounces, typically	0.5 to 100 grams, typically
Molding Cycle	PLC controlled: Standard or advanced injection profiles	
Operator Display	Touch screen interface with all molding parameters and cycle counter.	
	Customizable alarm screens. Imperial or metric units.	
Safety Features	Key lock for set-up or production mode.	
	Safety shield.	
	Manual toggle clamping.	
	Opening clamp during molding cycle disrups matrial flow.	
	Emergency stop palm button.	
Moldman™ 4000 Options		
Moldset Cooling Kit	Kit includes, Polysicence chiller, hoses and fittings	
Castor Kit [adds 5"/127mm to height]	Kit includes, four castors, mounting hardware	

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