

Moldman™ 8000 Product Specification Sheet

MOLDMAN™ 8000

PRESENTATION FEATURES SPECIFICATIONS

| Dimensions & Weight | English | Metric |
|---|---|--------------------------------|
| Height | 64.0" | 1625 mm |
| Width | 41.0" | 1040 mm |
| Depth | 29" | 740 mm |
| Weight | 950 lb. | 430 kg |
| Power & Air Requirements | | |
| Voltage | AC 208-230V, Single Phase, 50/60Hz | |
| Power | 4000W | |
| Air Pressure | 115-145 psi | 8-10 bar |
| Air Volume | 4 SCFM | 120 lpm |
| Standard Features | | |
| Clamp | Pneumatic | |
| Clamping Force | 1 ton | 10 kn |
| Clamp Stroke | 6" | 150 mm |
| Ejector | Pneumatic | |
| Ejector Force | 345 lbf. | 1535 N |
| Ejector Stroke | 0.4" | 10 mm |
| Moldset Dimension | 8" x 6" | 200 mm x 150 mm |
| Mold Thickness | 1.890" each half | 48 mm each half |
| Injection Nozzle | Permanent engagement | |
| Moldset Cooling | Cross-drilled mold platens | |
| Melt Reservoir | 22 lb. self draining | 10 liter (10 kg) self draining |
| Melt Temperature | Up to 475; F | Up to 245; C |
| Gear Pump Capacity | 70 bl. Hour | 32 kg/hour |
| Pump Motor | 1/4 HP | 0.20 kW / 200 W |
| Injection Pressure | 15 to 450 psi | 1 to 30 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 | Two-hand-no-tie-down actuation with zero-force buttons. Key lock for set-up or production mode. Work table designed for easy mounting of custom fixtures. Low initial clamping pressure. Misplaced / foreign object sensing in clamping cycle. Emergency stop palm button. | |
| Moldman[®] 8000 Options | | |
| Castor Kit [adds 5"/127mm to height] | Kit includes, four castors, mounting hardware | |
| Double Clamping Cylinder | Increases the clamping force to 1.5 Ton minimum | |
| Moldset Cooling Kit | Kit includes, Polyscience chiller, hoses and fittings | |