MOLDMAN
LOW-PRESSURE MOLDING MACHINES

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MOLDMAN™ 8000

- Our most versatile machine
- Designed for production runs around 250,000 units per year
- Extremely user-friendly operation. No special training required to operate
- Mold up to four cavities at the same time (depending on part size)
- Fully independent adjustable process control
- Precisely meter shot sizes
- Accurately control flow rates
- Exact pressure control
- Patented permanent nozzle engagement for fewer moving parts
- Soft close safety feature

By far the best and simplest machine in its class.

MOLDMAN™ 8000 Product Specification Sheet

Ideal for
low to high volume
production quantities

Dimensions & Weight

Height	1625 mm / 64.0"
Width	1040 mm / 41.0"
Depth	740 mm / 29"
Weight	430 kg / 950 lbs

Power & Air Requirements

Voltage	AC 208-230 V, Single Phase, 50/60 Hz
Power	4000 W
Air Pressure	8-10 bar / 115-145 psi
Air Volume	120 lpm / 4 SCFM

Standard Features

Clamp	Pneumatic
Clamping Force	10 kn / 1 ton
Clamp Stroke	150 mm / 6"
Ejector	Pneumatic
Mold-set Dimension	200 mm x 150 mm / 8" x 6"
Injection Nozzle	Permanent engagement
Mold-set Cooling	Cross-drilled mold platens
Melt Reservoir	10 liter (10 kg) / 22 lbs self draining
Melt Temperature	Up to 245° C / 475 °F
Injection Pressure	1-30 bar / 15-450 psi
Shot Size	0.5-100 grams / 0.02-3 ounces, 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

Mold-man™ 8000 Options

Castor Kit	Adds 127 mm / 5" to height. Kit includes four castors with mounting hardware
Double Clamping Cylinder	Increases the clamping force to 1.5 ton minimum
Mold-set Cooling Kit	Kit includes chiller, hoses and fittings