

High Volume Machine

For Thermoplastic Materials [TP]



MOLDMAN® 8200^{TP}

- Never before seen capabilities in large production runs
- Run one or two melt/processing units at the same time
- Run different molding materials at the same time
- Run different molding parameters at the same time
- Two melt units can pump up to 40 grams/sec
- Designed for high volume production runs above 250,000 units per year
- Shuttle table operation, practically double your output
- User-friendly operation
- Mold up to eight cavities at the same time (depending on part size)
- Fully independent adjustable process control
Closed loop processing
- Precisely meter shot sizes
- Accurately control flow rates
- Exact pressure control
- Patented permanent nozzle engagement for fewer moving parts

Our 8200^{TP} machine is in a class of its own.

No other shuttle machine
offers capabilities like this.



Ideal for
high volume
production quantities

MOLD1MAN[®] 8200™ TP Product Specification Sheet

Dimensions & Weight	Mold-man 8200	Melt-man
Height	1950 mm / 77"	1230 mm / 48.5"
Width	1925 mm / 76"	575 mm / 23"
Depth	1150 mm / 45.5"	650 mm / 26"
Weight	795 kg / 1750 lbs	125 kg / 275 lbs
Min. Footprint MM8200 & Melt-unit(s)	1925 mm X 1676 mm / 76" X 66" (does not include access space around machine)	

Power & Air Requirements	Mold-man 8200	Melt-man
Power Supply	200-240 VAC, Single Phase, 50/60 Hz, 30 A	200-240 VAC, Single Phase, 50/60 Hz, 30 A
Air Pressure	Min. 6 bar / 90 psi	N/A
Air Volume	Min. 120 lpm / 4 SCFM	N/A

Mold-man™ 8200™ Features

Clamp	Servo electric driven ballscrew with pneumatic booster
Clamping Force	49 kn / 5.5 tons
Clamp Stroke	203 mm / 8"
Ejector	Pneumatic
Ejector Force	180 kg / 400 lbs
Ejector Stroke	20 mm / 0.79"
Shuttle Table	Servo electric driven ballscrew
Shuttle Table Stroke	525 mm / 20.67"
Maximum Mold-set Footprint	300 mm X 250 mm / 12" x 10"
Injection Nozzle	Patented permanent engagement in upper mold-half
Operator Interface	190 mm / 7.5" color touch screen for easy access to molding parameters, customizable alarm screens, cycle counter, auto-start timer, etc.
Safety Features	Safety light curtain, see-thru clamp shield, soft close feature/foreign object sensing in clamping cycle, password protection for setup screens, emergency stop palm button

Options

Additional Melt-unit	For doubled melt capacity or as backup unit for different materials/colors. Integrates seamlessly with Mold-man 8200 controller. Up to two Melt-units can be controlled with one Mold-man 8200.
Mold-set Cooling Kit	Kit includes chiller, hoses and fittings