



## **MOLDMAN™ 8200**

- 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 machine is in a class of its own.

No other shuttle machine  
offers capabilities like this.

# MOLDMAN™ 8200 Product Specification Sheet

Ideal for  
high volume  
production quantities

| 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<br>MM8200 & Melt-unit(s) | 1925 mm X 1676 mm / 76" X 66"<br>(does not include access space around machine) |                  |

| Power & Air Requirements | Mold-man 8200                                   | Melt-man  |
|--------------------------|---|---|
| Power Supply             | 200-240 VAC,<br>Single Phase,<br>50/60 Hz, 30 A | 200-240 VAC,<br>Single Phase,<br>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<br>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<br>upper mold-half  |
| Operator Interface         | 190 mm / 7.5" color touch screen for easy access<br>to molding parameters, customizable alarm<br>screens, cycle counter, auto-start timer, etc.                                      |
| Safety Features            | Safety light curtain, see-thru clamp shield, soft<br>close feature/foreign object sensing in<br>clamping cycle, password protection for setup<br>screens, emergency stop palm button |

## Options

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