

# Our New

## Mix on Demand Molding™ Table Top Machine

For Thermoset Materials [TS]



### **MOLDtMAN**® 2050 **TS**

- Precision flow and metering system
- Light curtain and safety actuation
- 2 Ton clamping force
- Intuitive touch screen operation
- Servo-driven positive displacement delivery system
- Single or 2K Silicones
- Capable of processing up to 750,000 cps materials
- Patent pending disposable static mixing nozzle design
- Injection pressure up to 2000 psi
- \* Shown with optional adjustable stand

# MOLD1MAN® 2050<sup>TS</sup> Product Specification Sheet

## Dimensions & Weight

Height	965 mm / 38"
Width	812 mm / 32"
Depth	914 mm / 38"
Weight	215 kg / 475 lbs

## Power & Air Requirements

Voltage	230VAC, Single Phase, 50-60 Hz, 40 Amp.
Air Pressure	8 bar / 116 psi
Air Volume	180 lpm / 6 SCFM

## Standard Features

Clamp	Pneumatic Stack Cylinder
Clamping Force	20 kN / 2 ton
Clamp Stroke	150 mm / 5.9"
Ejector	Pneumatic
Ejector Force	1535 N / 345 lbf
Ejector Stroke	10 mm / 0.4"
Mold-set Dimension	200 mm x 150 mm / 7.8" x 5.9"
Mold Height	100 mm / 3.9" minimum
Shot Size	0.5-50 g* / 0.02-1.76 oz*
Mold Platen Cooling	Yes
Plunger Motor	750W / 1 HP (2 units) 1500 W / 2 hp Total
Molding Pressure	Up to 2000 psi (material dependent)
Operator Display	Touch screen, micro processor controlled
Material	32oz. cartridges or bulk delivery capability
Max Shot Size	50 g

## Safety Features

Emergency-stop button
Safety light curtain

## Mold Man® 2050<sup>TS</sup> Options

2-hand control

\* Shot size is part geometry dependent

\*\* Maximum heater cartridge wattage / current is 2000 watts @ 240 volts

\*\*\* Chiller is required

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