

## Chen Hsong JM Mark 6 Series Molding Machines

The JM Mark 6 Series is the next generation after the well-known JM SVP2 Series from Chen Hsong. This series takes the best features from the JM series and adds a faster and more robust platen and toggle design. The Mark 6 Series is the ultimate in reliability and flexibility at an unbelievable price!

### Standard Features:

- Energy Saving Inovance Servo Pumps
- Powerful B&R Controller
- 2 Core Pull Circuits
- 2 Air Blow Circuits
- High Torque Screw Drive
- Eject in Parallel with Clamp motion
- Multiple Ejector Control
- Precise Barrel and Nozzle Temperature Control
- Electrical, Mechanical and Hydraulic Safeties
- Water Flow Meters
- Spare Parts Kit— Heaters Bands, Leveling Pads, Filters and Mold Clamps
- CE Declaration
- Euromap Standards
- E67 Robot Interface
- 2-Year Limited Factory Warranty—Parts & Labor!
- 3-Year Limited Warranty on Frames & Castings

### Available Options:

- Special Screw and Barrel Designs—
- High Mixing, Rigid PVC, PET, PMMA, Reinforced Nylon and more
- Additional Core Pull and Air Blast Circuits including special programming
- Peripheral Pump for Independent control of ejector speed & pressure when ejecting on the fly
- Shut off nozzles
- Integrated Valve Gate Controls (blocks of 4)
- Integrated Hot Runner Controls (blocks of 8)
- High Heat Packages
- Apex Sprue Pickers or 3-Axis Servo Robots (5-Axis Units available as well for 3-plate molds)



## JM 800 Mark 6 Series

Unit of Measure	A	B	C
-----------------	---	---	---

### INJECTION UNIT

Screw Diameter	Inches	3.54	3.85	4.33
	mm	90	98	110
Screw L/D ratio	L/D	24	22	19.6
Shot volume	In <sup>3</sup>	193.99	230.06	289.8
Shot size (PS)	Ounces	102.1	121	152.5
	Grams	2893	3430	4322
Inj. Pressure (max)	PSI	30864	26170	20766
Inj. Rate	In <sup>3</sup> /sec	37.04	43.94	55.35
Screw Stroke	Inches (mm)	19.69 (500)		
Screw Rotation Speed (max)	RPM	130		
Nozzle Forward Force (max)	US-Tons	18.4		
Nozzle Stroke	Inches (mm)	22.04 (560)		

### CLAMPING UNIT

Clamping Force	US-Tons	881.8		
Open Stroke	Inches	41.34		
Space Between Tie bars	Inches (mm)	40.16x40.16 (1020x1020)		
Platen Size	Inches (mm)	56.69x56.69 (1440x1440)		
Mold Thickness (Min-Max)	Inches (mm)	15.75-39.37 (400-1000)		
Maximum Daylight	Inches (mm)	80.71 (2050)		
Ejector Force	US-Tons	20.06		
Ejector Stroke	Inches (mm)	11.02 (280)		
Mold Register Hole	Inches (mm)	9.84 (250)		

### POWER

System Pressure	PSI	2538		
Motor Power	KW (HP)	116 (155)		
Electric Heating Power	KW	46.9		
Temperature Control Zones		6+1		

### OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	429x95x98		
	Meters	10.9x2.41x2.5		
Oil Tank Capacity	Gallon	277		
Machine Weight (Approx.)	Lbs	74957		



Technology Creates the Future

60 Years of Focus, Determined to Continue Innovating

*Chen Hsong is committed to continuous improvement.*

*Specifications are based on current standard models and are subject to change.*