



## 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 568 Mark 6 Series

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

### INJECTION UNIT

Screw Diameter	Inches	2.95	3.26	3.54
	mm	75	83	90
Screw L/D ratio	L/D	23.2	21	19.4
Shot volume	In <sup>3</sup>	111.85	137	161.1
Shot size (PS)	Ounces	58.9	72.1	84.7
	Grams	1668	2043	2403
Inj. Pressure (max)	PSI	30025	24521	20851
Inj. Rate	In <sup>3</sup> /sec	26.97	33.01	38.81
Screw Stroke	Inches (mm)	16.33 (415)		
Screw Rotation Speed (max)	RPM	180		
Nozzle Forward Force (max)	US-Tons	12.23		
Nozzle Stroke	Inches (mm)	21.25 (540)		

### CLAMPING UNIT

Clamping Force	US-Tons	626
Open Stroke	Inches	34.25
Space Between Tie bars	Inches (mm)	33.85x33.85 (860x860)
Platen Size	Inches (mm)	47.63x47.63 (1210x1210)
Mold Thickness (Min-Max)	Inches (mm)	13.78-33.85 (350-860)
Maximum Daylight	Inches (mm)	66.11 (1730)
Ejector Force	Us-Tons	18.29
Ejector Stroke	Inches (mm)	9.84 (250)
Mold Register Hole	Inches (mm)	7.87 (200)

### POWER

System Pressure	PSI	2538
Motor Power	KW (HP)	72 (97.9)
Electric Heating Power	KW	35.5
Temperature Control Zones		5+1

### OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	367x87x89
	Meters	9.3x2.2x2.24
Oil Tank Capacity	Gallon	251
Machine Weight (Approx.)	Lbs	47400



Technology Creates the Future  
60 Years of Focus, Determined to Continue Innovating