



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
- 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 88 Mark 6 Series

Unit of Measure	A	B	C
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INJECTION UNIT

Screw Diameter	Inches	1.22	1.41	1.61
	mm	31	36	41
Screw L/D ratio	L/D	24.4	21	18.4
Shot volume	In ³	8.29	11.16	14.52
Shot size (PS)	Ounces	4.4	5.9	7.6
	Grams	124	167	216
Inj. Pressure (max)	PSI	36255	26882	20723
Inj. Rate	In ³ /sec	4.88	6.59	8.54
Screw Stroke	Inches (mm)	7.08 (180)		
Screw Rotation Speed (max)	RPM	280		
Nozzle Forward Force (max)	US-Tons	4.62		
Nozzle Stroke	Inches (mm)	10.82 (275)		

CLAMPING UNIT

Clamping Force	US-Tons	97		
Open Stroke	Inches	13.38		
Space Between Tie bars	Inches (mm)	14.17x14.17 (360x360)		
Platen Size	Inches (mm)	21.26x21.26 (540x540)		
Mold Thickness (Min-Max)	Inches (mm)	4.92-14.96 (125-380)		
Maximum Daylight	Inches (mm)	28.34 (720)		
Ejector Force	Us-Tons	3.74		
Ejector Stroke	Inches (mm)	4.72 (120)		
Mold Register Hole	Inches (mm)	3.93 (100)		

POWER

System Pressure	PSI	2538		
Motor Power	KW (HP)	14 (19)		
Electric Heating Power	KW	8		
Temperature Control Zones		3+1		

OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	173x46x71		
	Meters	4.4x1.2x1.8		
Oil Tank Capacity	Gallon	48		
Machine Weight (Approx.)	Lbs	7936		



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