

## 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 128 Mark 6 Series

Unit of Measure	A	B	C
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### INJECTION UNIT

Screw Diameter	Inches	1.41	1.61	1.81
	mm	36	41	46
Screw L/D ratio	L/D	23.9	21	18.7
Shot volume	In <sup>3</sup>	12.75	16.53	20.81
Shot size (PS)	Ounces	6.7	8.7	10.9
	Grams	190	246	310
Inj. Pressure (max)	PSI	34861	26882	21349
Inj. Rate	In <sup>3</sup> /sec	6.34	8.23	10.37
Screw Stroke	Inches (mm)	8.07 (205)		
Screw Rotation Speed (max)	RPM	250		
Nozzle Forward Force (max)	US-Tons	4.62		
Nozzle Stroke	Inches (mm)	11.41 (290)		

### CLAMPING UNIT

Clamping Force	US-Tons	141
Open Stroke	Inches	14.96
Space Between Tie bars	Inches (mm)	16.14x16.14 (410x410)
Platen Size	Inches (mm)	23.62x23.62 (600x600)
Mold Thickness (Min-Max)	Inches (mm)	5.9-17.71 (150-450)
Maximum Daylight	Inches (mm)	32.67 (830)
Ejector Force	US-Tons	3.74
Ejector Stroke	Inches (mm)	4.72 (120)
Mold Register Hole	Inches (mm)	4.92 (125)

### POWER

System Pressure	PSI	2538
Motor Power	KW (HP)	17 (23.1)
Electric Heating Power	KW	10.3
Temperature Control Zones		3+1

### OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	193x49x72
	Meters	4.9x1.3x1.9
Oil Tank Capacity	Gallon	61
Machine Weight (Approx.)	Lbs	8818



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.*