

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 468 Mark 6 Series

Unit of Measure	A	B	C
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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 ³	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 ³ /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	515.8
Open Stroke	Inches	32.28
Space Between Tie bars	Inches (mm)	32.67x32.67 (830x830)
Platen Size	Inches (mm)	46.85x46.85 (1190x1190)
Mold Thickness (Min-Max)	Inches (mm)	11.81-33.46 (300-850)
Maximum Daylight	Inches (mm)	65.74 (1670)
Ejector Force	Us-Tons	18.29
Ejector Stroke	Inches (mm)	8.66 (220)
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	344x80x89
	Meters	8.8x2.1x2.3
Oil Tank Capacity	Gallon	251
Machine Weight (Approx.)	Lbs	43651