

Chen Hsong JM SVP/2 Series Molding Machines

The JM- SVP/2 injection molding machine series combines a fast-response gear pump with a high-precision servo drive that guarantees the highest response, highest precision and lowest power consumption at the same time.



Standard Features:

- Energy Saving Invoance Servo Pumps
- Powerful B&R Controller
- 2 Core Pull Circuits
- 2 Air Blow Circuits
- High Torque Screw Drive
- 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
- Screw Recovery in Parallel with Clamp motion with Electric Screw Drive
- 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)

JM800-C3-SVP/2

Unit of Measure	A	B	C
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INJECTION UNIT

Screw Diameter	Inches	3.54	3.58	4.33
	mm	90	98	110
Screw L/D ratio	L/D	24	22	19.6
Shot volume	In ³	164.27	194.72	245.37
Shot size (PS)	Ounces	94.95	112.56	141.83
	Grams	2692	3191	4021
Inj. Pressure (max)	PSI	31006	26170	20766
Inj. Rate	In ³ /sec	34.53	40.95	51.56
Screw Stroke	Inches (mm)	18.11 (460)		
Screw Rotation Speed (max)	RPM	110		
Nozzle Forward Force (max)	US-Tons	13.22		
Nozzle Stroke	Inches (mm)	21.25 (540)		

CLAMPING UNIT

Clamping Force	US-Tons	881
Open Stroke	Inches	40.35 (1025)
Space Between Tie bars	Inches (mm)	39.37x39.37 (1000x1000)
Platen Size	Inches (mm)	56.69x56.69 (1440x1440)
Mold Thickness (Min-Max)	Inches (mm)	15.74-42.32 (400-1075)
Maximum Daylight	Inches (mm)	82.67 (2100)
Ejector Force	Us-Tons	32
Ejector Stroke	Inches (mm)	11.81 (300)
Mold Register Hole	Inches (mm)	5 (127)

POWER

System Pressure	PSI	2538
Motor Power	KW (HP)	116 (158)
Electric Heating Power	KW	41
Temperature Control Zones		7+1

OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	434x99x119
	Meters	11x2.5x3
Oil Tank Capacity	Gallon	278
Machine Weight (Approx.)	Lbs	105821



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