

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)

JM1000-C3-SVP/2

Unit of Measure	A	B	C
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INJECTION UNIT

Screw Diameter	Inches	3.58	4.33	4.72
	mm	98	110	120
Screw L/D ratio	L/D	24.7	22	20.2
Shot volume	In ³	220.17	277.41	330.19
Shot size (PS)	Ounces	127.26	160.35	190.87
	Grams	3608	4546	5411
Inj. Pressure (max)	PSI	30437	24037	20197
Inj. Rate	In ³ /sec	43.32	54.61	64.99
Screw Stroke	Inches (mm)	20.47 (520)		
Screw Rotation Speed (max)	RPM	113		
Nozzle Forward Force (max)	US-Tons	22.7		
Nozzle Stroke	Inches (mm)	24.4 (620)		

CLAMPING UNIT

Clamping Force	US-Tons	1102
Open Stroke	Inches	45.27 (1150)
Space Between Tie bars	Inches (mm)	43.3x43.3 (1100x1100)
Platen Size	Inches (mm)	61.81x61.81 (1570x1570)
Mold Thickness (Min-Max)	Inches (mm)	17.71-47.24 (450-1200)
Maximum Daylight	Inches (mm)	92.51 (2350)
Ejector Force	Us-Tons	32
Ejector Stroke	Inches (mm)	13.78 (350)
Mold Register Hole	Inches (mm)	5 (127)

POWER

System Pressure	PSI	2538
Motor Power	KW (HP)	136 (185)
Electric Heating Power	KW	51
Temperature Control Zones		7+1

OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	461x99x123
	Meters	11.7x2.5x3.1
Oil Tank Capacity	Gallon	317
Machine Weight (Approx.)	Lbs	116845



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