

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)



Technology Creates the Future

60 Years of Focus, Determined to Continue Innovating

JM1400-C3-SVP/2

Unit of Measure	A	B	C
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INJECTION UNIT

Screw Diameter	Inches	4.72	5.11	5.51
	mm	120	130	140
Screw L/D ratio	L/D	24	22	20
Shot volume	In ³	426.12	484.28	561.66
Shot size (PS)	Ounces	246.32	279.93	324.66
	Grams	6983	7936	9204
Inj. Pressure (max)	PSI	26512	22600	19557
Inj. Rate	In ³ /sec	60.17	70.6	81.89
Screw Stroke	Inches (mm)	25.59 (650)		
Screw Rotation Speed (max)	RPM	89		
Nozzle Forward Force (max)	US-Tons	28.66		
Nozzle Stroke	Inches (mm)	31.49 (800)		

CLAMPING UNIT

Clamping Force	US-Tons	1543
Open Stroke	Inches	59.05 (1500)
Space Between Tie bars	Inches (mm)	57.1x53.14 (1450x1350)
Platen Size	Inches (mm)	77.16x77.16 (1960x1960)
Mold Thickness (Min-Max)	Inches (mm)	25.59-57.08 (650-1450)
Maximum Daylight	Inches (mm)	116.13 (2950)
Ejector Force	Us-Tons	38.5
Ejector Stroke	Inches (mm)	14.96 (380)
Mold Register Hole	Inches (mm)	5 (127)

POWER

System Pressure	PSI	2538
Motor Power	KW (HP)	204 (277)
Electric Heating Power	KW	60
Temperature Control Zones		7+1

OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	556x123x123
	Meters	14.1x3.1x3.1
Oil Tank Capacity	Gallon	529
Machine Weight (Approx.)	Lbs	171961