

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)

JM1600-C3-SVP/2

Unit of Measure	A	B	C
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INJECTION UNIT

Screw Diameter	Inches	5.11	5.51	5.9
	mm	130	140	150
Screw L/D ratio	L/D	24	22	20
Shot volume	In ³	566.91	657.59	754.86
Shot size (PS)	Ounces	301.27	349.7	401.41
	Grams	8547	9914	11380
Inj. Pressure (max)	PSI	28404	24492	21292
Inj. Rate	In ³ /sec	60.23	69.87	80.18
Screw Stroke	Inches (mm)	27.55 (700)		
Screw Rotation Speed (max)	RPM	85		
Nozzle Forward Force (max)	US-Tons	28.66		
Nozzle Stroke	Inches (mm)	43.3 (1100)		

CLAMPING UNIT

Clamping Force	US-Tons	1763
Open Stroke	Inches	62.99 (1600)
Space Between Tie bars	Inches (mm)	59.05x59.05 (1500x1500)
Platen Size	Inches (mm)	85.03x85.03 (2160x2160)
Mold Thickness (Min-Max)	Inches (mm)	27.55-62.99 (700-1600)
Maximum Daylight	Inches (mm)	125.98 (3200)
Ejector Force	Us-Tons	44
Ejector Stroke	Inches (mm)	15.74 (400)
Mold Register Hole	Inches (mm)	12.400 (315)

POWER

System Pressure	PSI	2538
Motor Power	KW (HP)	192 (261)
Electric Heating Power	KW	93
Temperature Control Zones		7+1

OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	599x130x126
	Meters	15.2x3.3x3.2
Oil Tank Capacity	Gallon	635
Machine Weight (Approx.)	Lbs	244714



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