

### 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)

## JM1200-C3-SVP/2

Unit of Measure	A	B	C
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#### INJECTION UNIT

Screw Diameter	Inches	4.33	4.72	5.11
	mm	110	120	130
Screw L/D ratio	L/D	24	22	20
Shot volume	In <sup>3</sup>	320	380.91	447
Shot size (PS)	Ounces	184.97	220.18	258.38
	Grams	5244	6242	7325
Inj. Pressure (max)	PSI	24492	20566	17523
Inj. Rate	In <sup>3</sup> /sec	65.29	77.74	91.23
Screw Stroke	Inches (mm)	23.62 (600)		
Screw Rotation Speed (max)	RPM	113		
Nozzle Forward Force (max)	US-Tons	28.66		
Nozzle Stroke	Inches (mm)	31.49 (800)		

#### CLAMPING UNIT

Clamping Force	US-Tons	1322
Open Stroke	Inches	51.96 (1320)
Space Between Tie bars	Inches (mm)	49.21x49.21 (1250x1250)
Platen Size	Inches (mm)	70.86x70.86 (1800x1800)
Mold Thickness (Min-Max)	Inches (mm)	19.68-51.18 (500-1300)
Maximum Daylight	Inches (mm)	103.14 (2620)
Ejector Force	Us-Tons	38.5
Ejector Stroke	Inches (mm)	13.78 (350)
Mold Register Hole	Inches (mm)	5 (127)

#### POWER

System Pressure	PSI	2538
Motor Power	KW (HP)	204 (277)
Electric Heating Power	KW	55
Temperature Control Zones		7+1

#### OTHER INFORMATION

Machine Dimensions (L*W*H)	Inches	520x111x107
	Meters	13.2x2.8x2.7
Oil Tank Capacity	Gallon	423
Machine Weight (Approx.)	Lbs	141096



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