

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)

JM650-C3-SVP/2

| Unit of Measure | A | B | C |
|-----------------|---|---|---|
|-----------------|---|---|---|

INJECTION UNIT

| | | | | |
|----------------------------|----------------------|-------------|--------|--------|
| Screw Diameter | Inches | 3.26 | 3.54 | 3.58 |
| | mm | 83 | 90 | 98 |
| Screw L/D ratio | L/D | 23.9 | 22 | 20.2 |
| Shot volume | In ³ | 129.12 | 151.82 | 180.02 |
| Shot size (PS) | Ounces | 74.64 | 87.76 | 104.05 |
| | Grams | 2116 | 2488 | 2950 |
| Inj. Pressure (max) | PSI | 30722 | 26170 | 22046 |
| Inj. Rate | In ³ /sec | 25.69 | 30.2 | 35.82 |
| Screw Stroke | Inches (mm) | 16.73 (425) | | |
| Screw Rotation Speed (max) | RPM | 152 | | |
| Nozzle Forward Force (max) | US-Tons | 14.55 | | |
| Nozzle Stroke | Inches (mm) | 20.47 (520) | | |

CLAMPING UNIT

| | | |
|--------------------------|-------------|-------------------------|
| Clamping Force | US-Tons | 716 |
| Open Stroke | Inches | 36.22 (920) |
| Space Between Tie bars | Inches (mm) | 35.43x35.43 (900x900) |
| Platen Size | Inches (mm) | 51.57x51.57 (1310x1310) |
| Mold Thickness (Min-Max) | Inches (mm) | 13.78-35.82 (350-910) |
| Maximum Daylight | Inches (mm) | 72.04 (1830) |
| Ejector Force | Us-Tons | 19.8 |
| Ejector Stroke | Inches (mm) | 10.43 (265) |
| Mold Register Hole | Inches (mm) | 5 (127) |

POWER

| | | |
|---------------------------|---------|------------|
| System Pressure | PSI | 2538 |
| Motor Power | KW (HP) | 84 (114.2) |
| Electric Heating Power | KW | 36 |
| Temperature Control Zones | | 5+1 |

OTHER INFORMATION

| | | |
|----------------------------|--------|-------------|
| Machine Dimensions (L*W*H) | Inches | 378x83x115 |
| | Meters | 9.6x2.1x2.9 |
| Oil Tank Capacity | Gallon | 238 |
| Machine Weight (Approx.) | Lbs | 83775 |



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