



Chen Hsong SM-TP Advanced Series Molding Machines

The SM-TP Advanced Series Two Platen Servo Drive injection molding machine series is a revolutionary two-platen design. Designed by leading European and Japanese industry experts, it represents a unique combination of world-class, no compromise performance and characteristics. Numerous innovations protected by international patents give this machine a very good price-performance value. The SM-TP Advanced Series is the ultimate in reliability and flexibility at an unbelievable price!



Standard Features:

- Energy Saving Inovance Servo Pumps
- Powerful Beckhoff Controller
- 2 Core Pull Circuits, 2 Air Blow Circuits
- High Torque Screw Drive
- Eject on the Fly
- 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
- E67 Robot Interface
- 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 & more
- Injection units listed are standard, shot size from 69.4 to 3,742 ounces available
- Additional Core Pull and Air Blast Circuits
- Electric Screw Drive and Shut Off Nozzle
- Integrated Valve Gate & Hot Runner Controls
- High Heat Packages
- Apex 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

SM 1050 TP Advanced Series

CLAMPING UNIT	Inches	mm	
Clamping Force (US-Tons)	1157.4		
Opening Stroke	51.18-82.67	1300-2100	
Platen Size	70.86x70.86	1800x1800	
Space Between Tie Bars	50.39x50.39	1280x1280	
Min-Max Mold Height	19.68-51.18	500-1300	
Max daylight	102.36	2600	
Mold Register Hole	9.84	250	
Ejector Force (US-Tons)	13.78	13.78	
Stroke	350	476	
STANDARD INJECTION UNIT		N1	N2
Screw Diameter	Inches	3.85	4.33
	mm	98	110
Screw L/D ratio	L/D	22	19.6
Shot volume	In ³	230.05	289.8
Shot size (PS)	Ounces	120.98	152.45
	Grams	3430	4322
Inj. Pressure (max)	PSI	26686	21175
Inj. Rate	In ³ /sec	43.93	55.34
Screw Stroke	Inches	19.68	
	mm	500	
Screw Rotation Speed (max)	RPM	130	
Nozzle Forward Force (max)	US-Tons	16.53	

POWER		
System Pressure	PSI	2538
Motor Power	KW (HP)	93 (126.4)
Electric Heating Power	KW	48
Temperature Control Zones		7+1

OTHER INFORMATION WITH STANDARD INJECTION UNIT		
Oil tank Capacity	Gallon	476
Machine Weight (Approx.)	Lbs	103617
Machine Dimensions (L*W*H)	Inches	397x130x110
	mm	10.1x3.3x2.8
Standard Injection Unit		N

***additional injection units with larger & smaller shot sizes available.

Chen Hsong is committed to continuous improvement.

Specifications are based on current standard models and are subject to change.