



**Chen Hsong SM-TP Advanced Series Molding Machine:**

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
- Euomap 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 3000 TP Advanced Series**

CLAMPING UNIT	Inches	mm	
Clamping Force (US-Tons)	3307		
Opening Stroke	82.67-118.11	2100-300	
Platen Size	110.23x108.66	2800x2760	
Space Between Tie Bars	79.52x71.65	2020x1820	
Min-Max Mold Height	35.43-70.86	900-1800	
Max daylight	153.54	3900	
Mold Register Hole	12.4	315	
Ejector Force (US-Tons)	19.68	19.68	
Stroke	500	1163	
STANDARD INJECTION UNIT		C1	C2
Screw Diameter	Inches	6.88	7.87
	mm	175	200
Screw L/D ratio	L/D	22	19.3
Shot volume	In <sup>3</sup>	1408.36	1839.49
Shot size (PS)	Ounces	740.82	967.6
	Grams	21002	27431
Inj. Pressure (max)	PSI	23206	17839
Inj. Rate	In <sup>3</sup> /sec	120.21	142.73
Screw Stroke	Inches	37.79	
	mm	960	
Screw Rotation Speed (max)	RPM	83	
Nozzle Forward Force (max)	US-Tons	16.53	

POWER		
System Pressure	PSI	2538
Motor Power	KW (HP)	195 (265.1)
Electric Heating Power	KW	130
Temperature Control Zones		7+1

OTHER INFORMATION WITH STANDARD INJECTION UNIT		
Oil tank Capacity	Gallon	1163
Machine Weight (Approx.)	Lbs	297624
Machine Dimensions (L*W*H)	Inches	595x197x158
	mm	15.1x5x4
Standard Injection Unit		C

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