



**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)

***SM 6500 TP Advanced Series***

CLAMPING UNIT	Inches	mm	
Clamping Force (US-Tons)	7165		
Opening Stroke	106.29-153.54	2700-3900	
Platen Size	149.6x142.91	3800x3630	
Space Between Tie Bars	108.66x94.48	2760x2400	
Min-Max Mold Height	51.18-98.42	1300-2500	
Max daylight	204.72	5200	
Mold Register Hole	12.4	315	
Ejector Force (US-Tons)	25.59	25.59	
Stroke	650	3078	
STANDARD INJECTION UNIT		G1	G2
Screw Diameter	Inches	10.82	11.81
	mm	275	300
Screw L/D ratio	L/D	22	20.2
Shot volume	In <sup>3</sup>	5434.04	6466.99
Shot size (PS)	Ounces	2858.39	3401.71
	Grams	81034	96437
Inj. Pressure (max)	PSI	23206	19435
Inj. Rate	In <sup>3</sup> /sec	199.42	237.32
Screw Stroke	Inches	59.05	
	mm	1500	
Screw Rotation Speed (max)	RPM	50	
Nozzle Forward Force (max)	US-Tons	16.53	

POWER		
System Pressure	PSI	2538
Motor Power	KW (HP)	520 (707)
Electric Heating Power	KW	330
Temperature Control Zones		7+1

OTHER INFORMATION WITH STANDARD INJECTION UNIT		
Oil tank Capacity	Gallon	3078
Machine Weight (Approx.)	Lbs	628317
Machine Dimensions (L*W*H)	Inches	925x252x189
	mm	23.5x6.4x4.8
Standard Injection Unit		G,H

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



Technology Creates the Future  
60 Years of Focus, Determined to Continue Innovating