



## 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 3600 TP Advanced Series

CLAMPING UNIT	Inches	mm	
Clamping Force (US-Tons)	3968.3		
Opening Stroke	86.61-125.98	2200-3200	
Platen Size	118.11x114.17	3000x2900	
Space Between Tie Bars	85.43x75.59	2170x1920	
Min-Max Mold Height	39.37-78.74	1000-2000	
Max daylight	165.35	4200	
Mold Register Hole	12.4	315	
Ejector Force (US-Tons)	21.65	21.65	
Stroke	550	1572	
STANDARD INJECTION UNIT		D1	D2
Screw Diameter	Inches	7.87	8.85
	mm	200	225
Screw L/D ratio	L/D	22	19.6
Shot volume	In <sup>3</sup>	2107.76	2667.65
Shot size (PS)	Ounces	1108.69	1403.19
	Grams	31431	39780
Inj. Pressure (max)	PSI	23206	18274
Inj. Rate	In <sup>3</sup> /sec	129.49	163.9
Screw Stroke	Inches	43.3	
	mm	1100	
Screw Rotation Speed (max)	RPM	65	
Nozzle Forward Force (max)	US-Tons	16.53	

POWER		
System Pressure	PSI	2538
Motor Power	KW (HP)	240 (326.3)
Electric Heating Power	KW	175
Temperature Control Zones		7+1

OTHER INFORMATION WITH STANDARD INJECTION UNIT		
Oil tank Capacity	Gallon	1572
Machine Weight (Approx.)	Lbs	374785
Machine Dimensions (L*W*H)	Inches	650x209x166
	mm	16.5x5.3x4.2
Standard Injection Unit		D

\*\*\*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.