



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 5500 TP Advanced Series

CLAMPING UNIT	Inches	mm	
Clamping Force (US-Tons)	6062.7		
Opening Stroke	102.36-149.6	2600-3800	
Platen Size	139.76x132.67	3550x3370	
Space Between Tie Bars	103.15x88.58	2620x2260	
Min-Max Mold Height	47.24-94.48	1200-2400	
Max daylight	196.85	5000	
Mold Register Hole	12.4	315	
Ejector Force (US-Tons)	25.59	25.59	
Stroke	650	2444	
STANDARD INJECTION UNIT		F1	F2
Screw Diameter	Inches	9.84	10.82
	mm	250	275
Screw L/D ratio	L/D	22	20
Shot volume	In ³	4101.77	4963.12
Shot size (PS)	Ounces	2157.56	2610.66
	Grams	61166	74011
Inj. Pressure (max)	PSI	23206	19144
Inj. Rate	In ³ /sec	201.8	244.15
Screw Stroke	Inches	53.93	
	mm	1370	
Screw Rotation Speed (max)	RPM	60	
Nozzle Forward Force (max)	US-Tons	16.53	

POWER		
System Pressure	PSI	2538
Motor Power	KW (HP)	375 (509.8)
Electric Heating Power	KW	270
Temperature Control Zones		7+1

OTHER INFORMATION WITH STANDARD INJECTION UNIT		
Oil tank Capacity	Gallon	2444
Machine Weight (Approx.)	Lbs	551155
Machine Dimensions (L*W*H)	Inches	804x240x182
	mm	20.4x6.1x4.6
Standard Injection Unit		F

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



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