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
- 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)

**SM 5500 TP Advanced Series**

<table>
<thead>
<tr>
<th>CLAMPING UNIT</th>
<th>Inches</th>
<th>mm</th>
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<tbody>
<tr>
<td>Clamping Force (US-Tons)</td>
<td>6062.7</td>
<td>2600-3800</td>
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<tr>
<td>Opening Stroke</td>
<td>102.36-149.6</td>
<td>2600-3800</td>
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<tr>
<td>Platen Size</td>
<td>139.76x132.67</td>
<td>3550x3370</td>
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<tr>
<td>Space Between Tie Bars</td>
<td>103.15x88.58</td>
<td>2620x2260</td>
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<tr>
<td>Min-Max Mold Height</td>
<td>47.24-94.48</td>
<td>1200-2400</td>
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<tr>
<td>Max daylight</td>
<td>196.85</td>
<td>5000</td>
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<tr>
<td>Mold Register Hole</td>
<td>12.4</td>
<td>315</td>
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<tr>
<td>Ejector Force (US-Tons)</td>
<td>25.59</td>
<td>25.59</td>
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<tr>
<td>Stroke</td>
<td>650</td>
<td>2444</td>
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<table>
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<tr>
<th>STANDARD INJECTION UNIT</th>
<th>F1</th>
<th>F2</th>
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<tbody>
<tr>
<td>Screw Diameter</td>
<td>Inches</td>
<td>9.84</td>
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<td></td>
<td>mm</td>
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<td>Screw L/D ratio</td>
<td>L/D</td>
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<tr>
<td>Shot volume</td>
<td>In³</td>
<td>4101.77</td>
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<tr>
<td>Shot size (PS)</td>
<td>Ounces</td>
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<td>Grams</td>
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<td>Inj. Pressure (max)</td>
<td>PSI</td>
<td>23206</td>
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<tr>
<td>Inj. Rate</td>
<td>In³/sec</td>
<td>201.8</td>
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<tr>
<td>Screw Stroke</td>
<td>Inches</td>
<td>53.93</td>
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<td></td>
<td>mm</td>
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<td>Screw Rotation Speed (max)</td>
<td>RPM</td>
<td>60</td>
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<tr>
<td>Nozzle Forward Force (max)</td>
<td>US-Tons</td>
<td>16.53</td>
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</tbody>
</table>

**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.***