# TABLETING MACHINES

"Accura ATX I Tablet Press (Single Rotary)"


## TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>ACRA-ATX-I 26</th>
<th>ACRA-ATX-I 32</th>
<th>ACRA-ATX-I-40</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of Station</td>
<td>26 Station</td>
<td>32 Station</td>
<td>40 Station</td>
</tr>
<tr>
<td>Type of Tooling</td>
<td>D</td>
<td>B</td>
<td>BB</td>
</tr>
<tr>
<td>Output-Tablet/Hr (Min./Max)*</td>
<td>18,720 to 1,09,720</td>
<td>23,040 to 1,34,400</td>
<td>28,800 to 1,68,000</td>
</tr>
<tr>
<td>Max. Operating Pressure KN</td>
<td>100</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Max Operating Pressure (Pre-Compression) KN</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth of Fill</td>
<td>20 mm</td>
<td>16 mm</td>
<td>16 mm</td>
</tr>
<tr>
<td>Max. Tablet Dia.</td>
<td>25 mm</td>
<td>16 mm</td>
<td>11 mm</td>
</tr>
<tr>
<td>Upper Punch Penetration</td>
<td>3 to 6 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Punch Penetration (Pre-Compression)</td>
<td>2 to 5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Main Electric Motor</td>
<td>3.70 Kw / 5 HP, 3 Phase, 415 V, 50 Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Pack Electric Motor</td>
<td>0.75 Kw / 1.0 HP/3 Phase, 415 V, 50 Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RPM MAX</td>
<td>70 RPM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall Dimension (mm)</td>
<td>1945 (L) x 1815 (W) x 2035 (H)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Output-Tablet/Hr (Min./Max)* refers to the minimum and maximum output per hour for the respective station.
**SALIENT FEATURES**

- In Compliance with cGMP Standard
- High speed Turret Operation – up to 70 RPM.
- Pre-Compression as a Standard Features.
- SS 316 Contact Parts and Middle Plate of Turret
- Electroless Nickel Plating & Lower Punch seals.
- Easily removable bottom driven rotary Force Feeders.
- Main Motor and force feeder motors drives through ACVFD
- Electromagnetic Clutch system to protect rotating parts from the starting toque means, less wear & tare.
- Hydraulic Power pack system for pressure loading and overload release.
- All Machine contacts & tablet parameter settings from outside of the machine
- Centrally driven oil immersed gear box having direct drive to the turret.
- Main motor & drive have rested to permit the star of the machine at any speed, under maximum load, Without any complications.
- Adjustable Upper Punch Penetration (This feature is highly beneficial when tablet difficult products Or making very Shallow tablets.
- Double Sided Groved Channel Type Upper Cam Track for Lifting / lowering the upper Punches.
- Auto Lubrication pump, as a standard features.
- Acrylic upper cabinet guards having 12 mm thickness.
- Lower guards of SS 304, having excellent matt finish.
- Hopper with Butterfly valves
- Hour run meter, to record the total machine run time.
- Digital tablet counter with RPM Meter.
- Interlocked limit switches to upper guards for operator safety.
- S.S. Cladding to the bottom plate for easy cleanability
- Anti Vibration mount at the bottom plate
- Tablet MFG. Zone, paint free & without corner support pillars, for easy cleanability ox type control panel of SS 304 material, having acrylic cover.

**OPTIONAL FEATURES**

- Polycarbonate upper guards (Optional)
- Separate Electric control Panel (Optional)
- PLC with MMI Colour Touch Screen (Optional)
- Servo Motor Mechanism for tablet thickness Auto dialing through PLC (Optional)
- Auto Rejection and Random Sampling Device (During Start and Stop of the Machine) (Optional)
- Fully Computer Control system (CFC) (Optional)
- Powder loading system (VAC – V-Max Type) (Optional)
- Lower punch lubrication spray System (Optional)
- 2 Year recommended Spares (Optional)