



FUTURE BEACON  
<https://future-beacon.co>



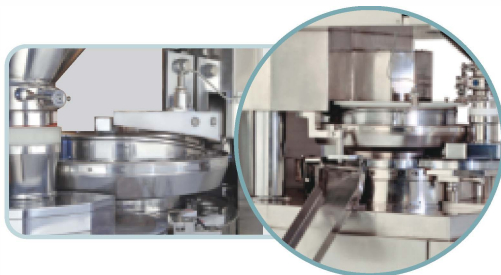
# ATX-1

(WITH PRE COMPRESSION)  
SINGLE SIDED HIGH SPEED ROTARY TABLET  
PRESS

26 Stn. 'D', 32 Stn. 'B', 40 Stn. 'BB'

#### SALIENT FEATURES

- The machine is having PRE-COMPRESSION facility.
- It is a high speed single rotary tablet press for higher tablet output.
- The machine having Hydraulic Power pack for pressure loading and overload release.
- Machine is having center shaft driven turret through heavy duty reduction gear box.
- The machine is having Electromagnetic Clutch arrangements.
- The machine is having bottom driven force feeding system for material feeding.
- The machine is having one piece turret of special grade casting.
- However, three piece turret with SS-304/SS-316 middle plate is also available (optionally).
- Electro less nickel plating can also be available to the turret. (optionally).
- All upper guards are interlocked for safety.
- All Upper Guards of transparent Acrylic material.
- Lower Guards of polished Stainless Steel SS 304.
- All the tablet parameters can be fine tuned during the operation of the machine from outside the tableting zone, with front controls at outside of the machine, having SEIKO type dials.
- Machine is Three sides open with Acrylic upper Guards.
- Control panel is at backside of the machine & all controls are on tablet ejection side.
- The machine is having A.C. variable frequency drive for the main motor & for force feeding motors to synchronize machine's speed & feed both.
- Auto tablet rejection & Random sampling during start & stop of the m/c. (Optionally)
- Servo motor mechanism for tablet thickness / depth of fill Auto dialing though PLC. (Optionally)
- PLC-MMI color touch screen. (21 CFR part-11 compliance. (Optionally)



#### With Automation, CFC & AWC (Optionally).

- With Motorized dozer, for precise depth of fill adjustment.
- With load cell at Main Compression for Pressure measurement.
- With auto sampling based on, either time or revolution of punch no.
- With auto rejection of any single tablet out of prescribed compaction force limit.
- With SCADA with industrial PC. having 12" colour touch panel (21 CFR part 11 compliance)
- With graphical as well as numeric representation of each individual punch force.

#### TECHNICAL SPECIFICATIONS

Type	Accura ATX-I-26	Accura ATX-I-32	Accura ATX-I-40
No. of Station	26	32	40
Type of Tooling	D	B	Bb
Output( Tablets/hr) *maximum / Minimum	109200 / 18720	134400 / 23040	168000 / 28800
Max. Operating Pressure-main(kn)	100	65	65
Max. Operating Pressure- Pre Compression (kn)	10	10	10
Max. Tab. Diameter (mm)	25	16	11
Max. Depth of Fill(mm)	20	16	16
Upper Punch Penetration-main (mm)	.....3 To 6.....		
Upper Punch Penetration-pre Compression (mm)	.....2 To 5.....		
Total Power (kw/hp)	.....4.90/6.50.....		
Main Electric Motor(kw/hp)	.....5 Hp, 3 Phase, 1440 RPM, 415 V., 50 Hz.....		
Force Feeder Electric Motor (kw/hp)	.....0.19/0.25.....		
Power Pack Electric Motor (kw/hp)	.....0.75/1.00.....		
Auto Lubrication			
Overall Dimensions(mm)	.....1945 (l) X 1815(w) X 2035 (h).....		
Net Weight(kg)	.....1465.....		
Case Dimensions (mm)	.....1390 (l) X 1710 (w) X 2130 (h).....		
Gross Weight (kg)	.....1865.....		

\* Machine output mentioned are rated outputs and can vary depending on the product characteristics, Tablet dimension/shape/size, depth of fill, ambient conditions, operator skill and machine maintenance.  
NOTE : DUE TO CONTINUOUS IMPROVEMENTS IN THE MACHINERIES, SPECIFICATION OF THE MACHINERIES IS SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE.  
Electrical Specifications can be customized, like 60 Hz etc. as per customer choice.

