



FUTURE BEACON

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## ATX-II

(WITH PRE COMPRESSION)

SINGLE SIDED HIGH SPEED ROTARY TABLET PRESS

37 Stn. 'D', 45 Stn. 'B', 55 Stn. 'BB' & 61 Stn. 'BB'

ALSO AVAILABLE WITH CFC & AWC



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## 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.
- 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.
- The control panel is fitted at back side of the machine & the controls on the side panel.
- Lower Guards of polished Stainless Steel SS 304.
- Machine is Three sides open with Acrylic upper Guards.
- Control panel is at backside of the machine & all controls are on tablet ejection.
- Auto tablet rejection & Random sampling during start & stop of the m/c. (Optionally)
- Servo motor mechanism for tablet thickness / depth of fill Auto dialing through 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	ATX II - 37	ATX II - 45	ATX II - 55	ATX II - 61
No. of Station	37	45	55	61
Type of Tooling	D	B	Bb	Bb
Output (tablets/hr) * maximum / Minimum	155400/26640	189000/32400	231000/39600	256200/43920
Max. Operating Pressure-main (kn)	100	65	65	65
Max. Operating Pressure- Pre Comp. (kn)	15	15	15	15
Max. Tab. Diameter (mm)	25	16	11	11
Max. Depth of Fill (mm)	20	16	11	11
Upper Punch Penetration - Main (mm)	3 To 6			
Upper Punch Penetration - Pre Comp. (mm)	2 To 5			
Total Power (kw/hp)	6.75/9.00			
Main Electric Motor (kw/hp)	5.50/7.50			
Force Feeder Electric Motor (kw/hp)	0.19/0.25			
Power Pack Electric Motor (kw/hp)	0.75/1.00			
Electrics	415v/3phase/50hz			
	460v/3phase/60hz			
	220v/3phase/60hz			
Over All Dimensions (mm)	1500 (l) X 1200 (w) X 2000 (h) [Guard Closed]			
Over All Dimensions (mm)	2220 (l) X 2350 (w) X 2100 (h) [Guard Open]			
When Upper Guards Open (mm)	2220 (l) X 2530 (w) X 1940 (h)			
Net Weight (kg)	2200			
Case Dimensions (mm)	2100 (l) X 1700 (w) X 2150 (h)			
Gross Weight (kg)	2500			

\* 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.



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