

TABLETING MACHINES

“Accura” High Speed Tablet Press IV (Square cGMP, With Pre Compression)

45 Stn. "D", 55 Stn. "B", 61 Stn. "B" & 75 Stn. "BB" (Max. Output - 5,40,000 Tablet / Hour)



TECHNICAL SPECIFICATIONS

MODEL	ACRA PRESS-IV-45	ACRA PRESS-IV-55	ACRA PRESS-IV-61	ACRA PRESS-IV-75
No. of Station	45 Station	55 Station	61 Station	75 Station
Type of Tooling	D	B	B	BB
Output-Tablet/Hr (Min./Max)*	65,000 to 3,25,000	79,000 to 3,96,000	87,840 to 4,39,200	1,08,000 to 5,40,000
Operating Pressure (Main)	10 Tons (Max.)	6.5 Tons		
Operating Pressure (Pre-Compression)	1 Ton			
Depth of Fill	20 mm	17.4 mm		
MAX RPM	60 RPM			
Max. Tablet Dia.	25 mm	16 mm	16 mm	11.1 mm
Upper Punch Penetration	1.5 to 8 mm			
Total Power	8.75 kw/11.7 HP			
Main Electric Motor	7.5 kw /10 HP/1440 RPM 415 V / 50 Hz. / 3 Ph.			
Feeder Motors (2 Nos.)	0.19 kw/0.25 HP / 1440 RPM / 415 V			
Overall Dimension (mm)	2500 (L) x 2500 (W) x 2275 (H) (Open Guard)			

Overall Dimension (mm)	1500 (L) x 1580 (W) x 1900 (H) (Close Closed)
Case Dimension (mm)	3100 (L) x 3200 (W) x 2450 (H)
Net Weight (Approx.)	3800 kgs.
Gross Weight (Approx.)	4150 kgs.

*Depending upon the characteristic of material and shape & size of tablets.

SALIENT FEATURES

- ❖ In Compliance with cGMP Standard
- ❖ Higher output suitable for large batch production
- ❖ Higher tablet weight consistency
- ❖ Inter locked guards for safety, Hopper level sensors, Helical gear ring to drive the turret
- ❖ Pre-compression, as a Standard Feature.
- ❖ Easily removable bottom driven rotary force feeders
- ❖ ACVF Drive for Main motor & also ACVF Drive for Feeder Motors
- ❖ Electromagnetic Clutch, Acrylic carbonate upper guards & SS Lower Guards
- ❖ Front Controls at outside of the machine, having SEIKO dials
- ❖ Hydraulic power pack for pressure loading and overload Release
- ❖ One Shot lubrication
- ❖ Lower Punch seals in Turret
- ❖ 3 Types of Filling cams
- ❖ All the tablet parameters can be set from outside of the Tableting zone
- ❖ Bottom Driven Rotary Feeding System.
- ❖ SS. Hopper With Imported Butter fly Valve

OPTIONAL FEATURES

- ❖ Tablet Rejection on Machine Start up and Stop and random sampling device
- ❖ Powder Level Sensors at Feed Hopper
- ❖ Tight Punch Detection (Upper Punch)
- ❖ PLC With MMI & Colour Touch Screen Gravity Feeding System
- ❖ Bi-layer tablet facility
- ❖ Tablet Sampling
- ❖ Auto Lubrication
- ❖ PLC With Fully Computer Control system CFC (SCADA) System
- ❖ Auto Rejection and Random Sampling Device (During Start and Stop of the Machine).
- ❖ Power Loading System (VAC-U-MAX TYPE WITH Y BEND)