

I Press IV - High Speed Rotary Tablet Press cGMP



FEATURES:

- In Compliance with cGMP Guidelines
- Turret of SG IRON 500/7 Graded Casting
- High Speed Double Sided Rotary Tablet Press with Pre-Compression Facility
- Maximum Output up to 540000 tablets per hour (for 75 Station)
- Easy Accessibility for Quick Cleaning and Product Conversion
- Improved Tablet Quality; Handles Difficult Products Easily due to Pre-Compression Facility
- Precise Weight Control
- Ensures Hygienic Production Conditions and Operator Safety
- All Tablet Parameters can be fine-tuned during operations from outside the tableting zone
- Force Feeding System
- Hydraulic Power-Pack System
- Auto Lubrication system
- Upper punch penetration system
- Safety interlocking for upper guards
- Front and Easy Outside Controls for machine and tablet parameters
- Three Piece Turret with Stainless Steel 316 L die-plate

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-MMI Control system with Touch Screen display
- Gravity Feeding System
- Bi-layer tablet facility
- Tablet Sampling

Technical Specifications:

Type	IPD IV - 45	IPB IV - 55	IPB IV - 61	IPBB IV - 75
No. of stations>	45	55	61	75
Type of tooling	D	B	B	BB
Output tablets / hours Maximum 60 RPM	65000 to 325000	79000 to 396000	87840 to 439200	108000 to 540000
Max. operating pressure (main)	100 kN	65 kN	65 kN	65 kN
Max. operating pressure (pre - crompression)	10 kN	10 kN	10 kN	10 kN
Max. tablet diameter	23 mm (25mm on Demand)	16 mm	16 mm	11.1 mm
Max. depth of fill	20 mm	17 mm	17 mm	17 mm
Upper punch penetration	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm	1.5 to 8 mm
Power (total)	8.75 kW / 11 hp	8.75 kW / 11 hp	8.75 kW / 11 hp	8.75 kW / 11 hp
Main electric motor	7.5 kW / 10 hp	7.5 kW / 10 hp	7.5 kW / 10 hp	7.5 kW / 10 hp
Force feeder motor (2 Nos.)	0.19 kW / 0.25 hp	0.19 kW / 0.25 hp	0.19 kW / 0.25 hp	0.19 kW / 0.25 hp
Overall dimensions (cm) (Guard Close)	167 X 178 X 209 H	167 X 178 X 209 H	167 X 178 X 209 H	167 X 178 X 209 H
Net weight	3750 kg	3750 kg	3750 kg	3750 kg
Grass Weight	4100 kg	4100 kg	4100 kg	4100 kg