



PRESS II

DOUBLE SIDED HIGH SPEED ROTARY TABLET PRESS 37 Stn. 'D', 45 Stn. 'B', 55 Stn. 'BB', 61 Stn. 'BB'

SALIENT FEATURES

- High speed double rotary tablet press
- Square design with comply cGMP standards
- All contact parts made of SS 316L material
- All tablet parameters control from outside of tableting zone through Dial
- Double sided main compression roller –100kN capacity
- SS 316L Double sided hopper with Powder controlling butterfly valve having - 24 Liters capacity
- Two Stage Force feeding system with zero clearance
- Butterfly valve to control flow of material
- 3 piece turret design –die table SS 316L material upper & lower piece in SGI material with electroless nickel plating.
- Main turret drive motor capacity of 10HP.
- Electromagnetic clutch system for smooth start of turret & improve life of motor and gearbox.
- Internal Helical ring with Pinion for turret rotation through high torque gearbox
- Hydraulic compaction force control system.
- Hydraulic cylinder withstand up to 100kN force.
- Auto lubrication system.
- Lower guard made of SS 304L Material.

TECHNICAL SPECIFICATIONS

TYPE	PRESS-II-37	PRESS-II-45	PRESS-II-55	PRESS-II-61
Number of Station	37	45	55	61
Type of tooling (As Per EU1)	D	B	BB	BB
Output-tablets/hour (Min / Max.)(Single Layer)	44,400 / 2,22,000	54,000 / 2,70,000	66,000 / 3,30,000	73,200 / 3,66,000
Output-tablets/hour (Min / Max.)(Bi-Layer)	22,200 / 66,600	27,000 / 81,000	33,000 / 99,000	36,600 / 1,09,800
Turret RPM (Min./Max.)(Single Layer)	10 / 50			
Turret RPM (Min./Max.)(Bi-Layer)	10 / 30			
Max. Operating Pressure-Main (kN)	100	65		
Max. Tablet Diameter (mm)	25	16	11	
Max. Tablet Thickness (mm)	8.5			
Max. Depth of fill (mm)	20.5mm	17.5mm		
Upper punch entry Main	1/8" To 5/16" (3.2 to 8mm)			
Main Electric Motor (kW/hp)	7.5 / 10 x 1440 RPM			
Hydraulic Power Pack Motor (kW/hp)	0.75 / 1.0 x 1440 RPM			
Feeder Electric Motor (kW/hp)	0.19/0.25 x 1440 RPM x 2 Nos. = 0.38 / 0.50 kW/hp			
Hopper Capacity	20 Litres			
Overall dimensions close guard-cm	140 W x 141 L x 189 H			
Overall dimension Open guard -cm	246 W x 236 L x 208 H			
Case dimensions - cm	175 W x 176 L x 220 H			
Net weight (kg)	2500 Kg.			
Gross weight(kg)	2835 Kg.			
Utilities :	1) Suction Air :- 300 CFM (Qty. - 01 for Single Layer) 300 CFM (Qty.- 02 for Bi Layer)			
	2) Power Supply :- (a) 415 V, 3 Phase, 50 Hz (b) 480 V, 3 Phase, 60 Hz (c) 220 V, 3 Phase, 60 Hz			
	3) Power-Total (kw/hp) :- 8.63 kW / 11.50 hp			

* Depending upon material characteristic & available room atmosphere only.

NOTE : DUE TO CONTINUOUS IMPROVEMENTS IN THE MACHINERIES, SPECIFICATION OF THE MACHINERIES IS SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE.

Pre-pressure and Main pressure could be changed depending on the size of the compress and filling depth, powder or granulation. It is dependent on the physical specification of the used material for the compress.

The above specification is the subject to change without prior notice for the technical development.

It is Recommended not to use large depth of fill, minimum tablet thickness and maximum compression pressure for maximum performance consistently. Technical rights to change catalogues, specifications and features are reserved with the manufacturer. Actual output may vary against indicated output on the product under compression and RPM on lower side.



Single Layer



Double Layer