

# B4 TYPE

## SQUARE GMP DOUBLE ROTARY TABLET PRESS 27

Stn. 'D' Tooling, 27 Stn. 'B' Tooling,  
35 Stn. 'B' Tooling, 45 Stn. 'BB' Tooling,



### SALIENT FEATURES

- Double rotary tablet press
- Square design with comply cGMP standards
- All contact parts made of SS 316L material
- Speed up to 40 RPM
- 360° operational access
- All tablet parameters control from outside of tableting zone
- Plug & play design
- Bi-layer operation
- Double sided main compression roller –100kN capacity
- 3 steps Gearbox for higher torque
- Double hopper having-14 Liters capacity
- Gravity Feeding system
- Upper punch penetration up to 8mm
- AC variable Frequency drive for RPM control with Electromagnetic clutch
- Turret of special grade SGI cast iron with electro less nickel plating
- Lubrication port available for upper punch head, Barrel & Gearbox
- Manual Lubrication system
- Lower guard made of SS304 Material
- Electromagnetic clutch system for smooth start of turret & improve life of motor and gearbox
- Four side Upper Guard with safety interlock

### TECHNICAL SPECIFICATIONS

TYPE	B4-27-D	B4-27-B	B4-35-B	B4-45-BB
Number of Station	27	27	35	45
Type of tooling (As Per EU1) Output-tablets/hour (Min / Max.)(Single Layer) Output-tablets/hour (Min / Max.)	D	B	B	BB
(Bi-Layer) Turret RPM (Min./Max.)	55,080 / 1,29,600	55,080 / 1,29,600	71,400 / 1,68,000	91,800 / 2,16,000
(Single Layer)	16,200 / 40,500	16,200 / 40,500	21,000 / 52,500	27,000 / 67,500
Turret RPM (Min./Max.)(Bi-Layer)	17 / 40	10 / 25		
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)	20mm	17.5mm		
Pressure Roll Diameter	8-1/2" (215.9mm)	8" (203mm)		
Upper punch entry Main	1.5 to 8mm			
Main Electric Motor (kW/hp)	5.5 Kw / 7.5 Hp x 1440 RPM		3.72 Kw / 5 Hp x 1440 RPM	
Hopper Capacity	15 Litres			
Overall dimensions close guard-cm	112 W x 120 L x 179 H			
Overall dimension Open guard -cm	189 W x 205 L x 206 H			
Case dimensions - cm	132 W x 153 L x 210 H			
Net weight (kg)	1400 Kg.			
Gross weight(kg)	1800 Kg.			
Utilities :	1) Suction	150 CFM (Qty. - 01 for Single Layer)		
	Air:-	150 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

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.