

Single Rotary Tablet Press (Lab Press-1) (SLP – 1)



Lab Press LP- 1 is a High Tech Rotary Tablet Press in table-top design for R & D and small batch production. This Single sided R & D Tablet Press fully conforms to GMP and the safety requirements. All Electrical settings can be performed by Front panel with indicators at the front of the machine.

The turret is driven by center shaft drive mechanism by a motor and Powerful Reduction gear box. The turret speed is adjusted by A.C. frequency drive.

System Features

- The speed of the turret is adjustable through ACVF variable drive.
- Excellent accessibility for quick cleaning and product conversion.
- Center pillar Drive Mechanism with powerful Gear Box.
- Design ensuring the highest standard of cGMP.
- Turret Electrode less Nichol Plated (ENLP).
- Hard heat-treated Presser Rollers.
- Low noise level.
- Easy movability.
- Electrical voltage & frequency can be provided as per customers requirements.

Technical Specifications

MODEL	'B', 'BB' & 'D' TOOLING	'D' TOOLING	'B' TOOLING
No. Of Station	4+4+4=12	8	10
Tooling	4B/4BB/4D TOOLING	'D' TOOLING	'B' TOOLING
Max. Operating Load (Tons)	60 kN / 6 Tons	60 kN / 6 Tons	60 kN / 6 Tons
Turret Speed (RPM)	5 to 38	5 to 38	5 to 38

Output Tablets/ Hour *			
Min.	1200	2400	3000
Max.	9000	18200	22800
Max. Tablets Dia. (MM)	19 For "D" Tooling	19	16
	16 For "B" Tooling		
	11 For "BB" Tooling		
Max. Depth Of Fill (MM)	20	20	17
Hopper Capacity	3 Kg.	3 Kg.	3 Kg.
Main Electric Motor	2 HP, 3 Phase	2 HP, 3 Phase	2 HP, 3 Phase
(Driven through ACVF)			
Electric Supply	Single Phase or 3 Phase	Single Phase or 3 Phase	Single Phase or 3 Phase