



LAB PRESS – II- SLP



· Lab Press with Mighty Features:-

- The speed of the turret is adjustable through AC variable drive.
- Force Feeder & Pre Compression.
- Excellent accessibility for quick cleaning and product conversion.
- Center pillar drive Mechanism with powerful Gear Box.
- Design ensuring the highest standard of G.M.P.
- Operator Safety – Interlocking on Upper & Lower Guard.
- Turret Electrode less Nichol Plated (ELNP).
- Lower punch seals.
- Hard heat-treated Presser Rollers.
- Outside controls for Pre compression Adjustment, Tablet thickness adjustment and indicator for Tablet thickness control system.
- Low noise level & Easy movability.
- Electrical voltage & frequency can be provided as per customers requirements.

Optional

- Table trolley stainless steel with storage cabinet for dies & punches.
- Turret with Middle S.S. Dye Plate.

Technical Specifications:-

No Of Station	3 st/ 6 st/ 8 st./10st	12 st.	Multi Tooling (6 / 12 st. 6 st – (2B+2D+2BB) 12 st – (4+4+4/ 6D+6B)
Tooling	'D & B'	'B'	D,B and BB / D & B
Tab. Dia Max.	23/16 MM	16 MM	23/15/11 MM
Tab Thickness Min.	2 MM	2 MM	2 MM
Tab. Out put Max./Hr.	5760 / 11520 / 15360	19200 / 23040	-----
Depth Of Fill	20 MM / 16 MM	17 MM	20 MM
Primary Compression. Max.	2 Ton / 20 KN	2 Ton/ 20 KN	2 Ton / 20 KN.
Compression Max.	6 Tons / 60KN	6 Tons / 60 KN	6 Tons / 60 KN
Turret Speed	4 rpm min / 37 rpm max.		
Main Motor	2 HP /1440 RPM / 1 phase/3 phase/ 50/60 Hz Motor.		
Feeder Motor	1/8 HP/ 75 RPM/220 VAC. 50/60 Hz.		
All over dimension	813 mm [D] x 584 mm [W] x 1266 mm [H]		
Net weight	425 Kg. Approx.		
Gross Weight	490 kg. Approx.		
Case Dimensions	838mm (33") [D] x 635mm (25") [W] x 1250mm(49") [H]		



· **Note :-**

- The Tablet output depends upon the properties, tablet shape, weight, thickness as well as quality of granules of material to be compress.
- Ambient Conditions.
- Table Dimension for customer- 850 x 445 x 687 mm ht.

Lab Press – II Details

- Lab press - II is a very ideal for small batch production, Research & Development.
- This Rotary Tablet Press - available in 2 models Lab Press-2 'B' & Lab Press- 2 'D' is a complete solution for compression of wider range of formulations developed with totally new concept of in-built pre-compression.
- The max / min speed of turret can be adjusted by AC variable drive. All the GMP directives are achieved by developing entire controls outside the machine like tablet thickness settings, weight adjustment & standard features such as upper punch entry, lower punch with scrapper seal, key ways in upper guide of turret, robust construction etc.
- Additional care has been taken for the convenience of operation by providing dust collection the tablet discharge chute & dust extractor on turret after compression, although the size of machine is ideally specific for the laboratory use.
- The variable speed feeder allows you to achieve the desired small batch production on Lab Press-2 'B' and Lab press 'D' tooling specifications (6 Tons pressure), tablet diameter 15mm and 23mm respectively.
- The tabletop model is built with a special provision for pre-compression of the granules with application of minor 2 Tons of pressure.