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## **MINI PRESS** BI-LAYER R&D MODEL

TABLE TOP SQUARE GMP SINGLE ROTARY TABLET  
PRESS 9 Stn. 'D', 11 Stn. 'B', 7'D'+7'B', 5'D'+5'B'+5'BB'  
Stn. Combo Tooling  
SUITABLE FOR BI-LAYER TABLETS

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### SALIENT FEATURES

- Square GMP Table Top Model suitable for bi-layer tablet.
- Paint free tablet manufacturing zone
- Turret of Special Grade S.G. Iron casting
- Aluminium Turret Guards Anti Vibrating mount.
- Upper punch penetration, as a standard features.
- Transparent Acrylic Guards with interlock.
- Electronic Digital Tablet cum RPM Counter, as a standard features.
- Imported needle roller bearing provided at the bottom of turret.
- Grease Nipples are provided for effective lubrication, where required
- Force Feeder, combination of D & B Tooling, PLC and etc. (Optionally)

### TECHNICAL SPECIFICATIONS

TYPE	Acra-Mini-D	Acra-Mini-B	Acra-Mini-COMBO	Acra-Mini-COMBO
Number of Station	9	11	7D + 7B	5D+5B+5BB
Type of Tooling (As per EU1)	D	B	D + B	D + B + BB
OutputTablets/hour (Min / Max.)(Single Layer)	5,400 / 16,200	6,600 / 19,800	4,200 / 12,600	3,000 / 9,000
OutputTablets/hour (Min / Max.)(Bi-Layer)	5,400 / 10,800	6,600 / 13,200	4,200 / 8,400	3,000 / 6,000
Turret RPM (Min.- Max.) (Single Layer)	10 - 30			
Turret RPM (Min.- Max.) (Bi-Layer)	10 - 20			
Max. Operating pressure-Main (kN)	60			
Max. Operating Pre. Pressure (kN)	20			
Max. Tablet Diameter (mm)	25	16	25 + 16	25+16+11
Max. Tablet Thickness (mm)	8.5			
Depth of fill (mm) (First Layer)	10			
Depth of fill (mm) (Second Layer)	18			
Upper punch entry Main (mm)	2 To 6			
Upper punch entry Pre-Compression(mm)	1 To 5			
Main Electric motor (kw/hp)	2.25 kW / 3 hp x 2850 RPM			
Hopper Capacity	4 Litres			
Overall dimensions (Close guard) cm	55 W x 84 L x 110 H			
Overall Dimensions (Open Guard) cm	145 W x 145 L x 143 H			
Case dimensions (cm)	90 W x 120 L x 125 H			
Net weight (kg)	Approx. 350			
Gross weight(kg)	Approx. 550			
Utilities :	1) Suction Air :- 150 CFM (Qty :- 01 for Single layer)			
	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) :- 2.25 kW / 3 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.