

CEMACH

R & D TABLET PRESS cGMP

- Perfect For Research & Development
- High Versatility and Superior through Compact Design
- Easy compacting of Round and Caplets
- Easy adjustment of filling depth, tablet thickness & tamping tablet thickness
- Over load pressure release mechanism
- Output varied through AC Variable Frequency Drive from the control panel





CEMACH R & D Tablet Press is a compact table-top machine designed as per cGMP standards, widely used for Formulation & Development (F & D) / small production batches, Colleges, R & D pilot units etc.

TECHNICAL SPECIFICATIONS:

Type	R & D - 8	R & D - 10	R & D - 12 MT
No. of Station	8	10	12
Type of tooling	D	B	D,B & BB
Output tablets / hour *	2000 to 14400	2000 to 18000	2000 to 7200
Maximum Operating Pressure	6 Ton	6 Ton	6 Ton
Maximum Operating Pre -Pressure	1 Ton	1 Ton	1 Ton
Maximum tablet diameter	19 mm(23mm caplet)	16 mm	19 mm(23mm caplet)
Maximum depth of fill	20.5 mm	17.5 mm	20.5 mm
Upper punch penetration	2 to 6 mm	2 to 6 mm	2 to 6 mm
Power	2 Hp / 1440 RPM	2 Hp / 1440 RPM	2 Hp / 1440 RPM
Gross weight (kg)	400	400	400
Over all dimensions (mm)	840 x 635 x 1200 H	840 x 635 x 1200 H	840 x 635 x 1200 H

* Depending upon the characteristic of material and shape & size of tablets.

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

SPECIAL FEATURES

- cGMP Model
- Pre - Compression Facility
- Upper Punch Penetration Facility
- Outside Controls for tablet weight, hardness & pre-compression adjustment
- Operator Safety - Upper Guards with interlocking & MCB in the control panel
- Standard tooling (no special tooling used in this machine)
- Central pillar drive system through an oil- immersed reduction gear-box
- Turret of SG irons casting
- Granules feed through open feed frame which ensures easy setting & minimum wastage of material

- Digital Tablet / RPM counter
- High Operating Simplicity
- Easy Movability
- Easy accessibility for setting maintenance and cleaning
- Critical parts manufactured on CNC machines
- Though small, almost all features of a standard medium batch machines incorporated

OPTIONAL FEATURES

- Force Feeding System - through AC Variable Frequency Drive
- Turret Fully Electro less Nickel Plating
- PLC-MMI Control System
- Fully Computerized System