



Tablet Press- PTCMB4



PTCM-B4 Double Sided Tablet Press Machine is used for production of simple and precise tablets from powder in Pharmaceutical and relevant Industries.

PTCM-B4 Double sided rotary tablet press GMP model is suitable for medium size batch production. The PTCM-B4 Tablet Press designed in an effort to exceed the highest cGMP requirement with used of advance technology and ensure the most ergonomics and efficient tablet production. The PTCM-B4 Tablet Press is offered in three different model Viz. Tooling "D", "B" & "BB" Tooling.

The Machine Ergonomics Design Concept:

The PTCMD4 has been completely new designed according to the most modern ergonomic aspects.

- cGMP confirm.
- Machine's basic construction with separate compression zone and drive zone.
- Stainless Steel and Acrylic Glass Surrounding.
- Easy to Operate and Maintenance.

Salient Features:

- Design is cGMP - Current Good Manufacturing Practices compliance.
- All contact parts AISI 316 & non contact parts AISI 304.
- AC Frequency variable Drives for turret
- Electro Magnetic Clutch.
- Rigid gravity feed frame and stand with fine flow setting of powder.
- Electronics Tablet / RPM Counter.
- Upper Punch penetration.

- Paint free tablet compression area.
- Lower Punch scraper seal.
- Easy to cleaning and changeover
- Two Sided upper lifting cam.
- Dust Extraction for nozzle for dust suction.
- Upper guard with interlock for safety.
- Central oil lubrication system with manual hand pump.

Optional Features:

- Rotary Force Feeder system with VFD.
- Two layer tablet attachment.
- PLC Controls with touch screen.
- Auto Lubrication system.

Safety Features:

- Interlocked upper guard and Overload relay protection.
- Overload pressure release mechanism.
- Emergency stop button.

Technical Specification:

MODEL	PTCM-B4-D 27	PTCM-B4-35	PTCM-B4-45
No. of Station	27	35	45
Type of Tooling	D	B	BB
Output-tablets per Hour	50000 to 129000	70000 to 168000	90000 to 216000
Max Tablet Diameter	25 mm	16 mm	11 mm
Max depth of fill	20 mm	17.5 mm	17.5 mm
Max. Operating pressure	10 Tons	6.5 Tons	6.5 Tons
Upper Punch penetration	1.5 to 6 mm	1.5 to 6 mm	1.5 to 6 mm
Main Electric Motor	5 HP / 3.70 kW	3 HP / 2.25 kW	3 HP / 2.25 kW
Force Feeder Motor-Option	0.25 hp/0.18 kw x 2 nos	0.25 hp/0.18 kw x 2 nos	0.25 hp/0.18 kw x 2 nos