



Tablet Press - PTCMD4



PTCMD4 Single Sided Tablet Press Machine is used for production of simple and precise tablets from powder in Pharmaceutical and relevant Industries.

Prism PTCMD4 is a single sided rotary tablet press GMP model and suitable for medium size batch production. The Tablet Press is designed in an effort to exceed the highest cGMP requirement with use of advance technology and to ensure the most economical and efficient tablet production. PTCMD4 Tablet Press features a unique ergonomic design. It is easy to operate, clean and maintain. PTCM-D4 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:

- 3 Pc. turret with S.S 316 Die Pot
- Rotary Force Feeder system with VFD.
- PLC Controls with touch screen.
- Auto Lubrication.

Safety Features:

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

Technical Specification:

Model	PTCMD4 - 16	PTCMD4 - 20	PTCMD4 - 25	PTCMD4 - 27
No. of Station	16	20	25	27
Type of Tooling	D	D	B	BB
Output-tablets per Hour	16320 to 40300	21500 to 50000	25500 to 61500	28800 to 81500
Max Tablet Diameter	25 mm	25 mm	16 mm	16 mm
Max depth of fill	20 mm	20 mm	17.4 mm	17.4 m
Max. Operating pressure	10 Tons	10 Tons	6.5 Tons	6.5 Tons
Upper Punch penetration	3 to 6 mm	3 to 6 mm	3 to 6 mm	3 to 6 mm
Main Electric Motor	2 HP / 1.5 Kw	2 HP / 1.5 Kw	2 HP / 1.5 Kw	2 HP / 1.5 Kw
Force Feeder Motor-Option	0.25hp/0.18kw	0.25hp/0.18kw	0.25hp/0.18kw	0.25hp/0.18kw