



Lab Scale Mini Tablet Press PTCMD-8/10/12



Lab Tablet Press Machine is used for production of simple and precise tablets from powder in Pharmaceutical and relevant Industries for research & development.

NewLABOTabXpress Lab Scale Single Sided Rotary Tablet Press is compact table top machine widely used for formulation development in R&D for small batch of tablet production. The NewLABOTabXpress Lab Scale Single Sided Rotary Tablet Press is designed in an effort to exceed the highest cGMP requirement with use of advance technology and to ensure the most the modern ergonomic aspects and economical and efficient to tablet production. It is easy to operate, clean and maintain.

Prism NewLABOTabXpress Lab Scale Single Sided Rotary Tablet Press is offered in three different Model viz. Tooling 8 Station with "D" Type, 10 Station with "B" Tooling and 12 Station with combined "D", "B" and "BB" Type- 4 Nos station of each type. The Optional feature of NewLABOTabXpress can provide with Force feeding system, Pre Pressing system and PLC Controls with MMI Touch Screen Operate Interface.

Salient Features:

- Design is cGMP - Current Good Manufacturing Practices compliance.
- All contact parts AISI 316 & non-contact parts AISI 304.
- NewLABOTabXpress Lab Scale Single Sided Rotary Tablet Press is offered in three different Model viz. Tooling 8 Station with "D" Type, 10 Station with "B" Tooling and 12 Station with combined "D", "B" and "BB" Type- 4 Nos station of each type.
- Available in "D", "B"& "BB" tooling manufactured to meet the requirement of Research & Development as per SUPAC (scale up post approval changes) & Pilot Production.

- Simple & Convenient Operation, Changeover, Cleanliness, Operator Protection & Ease to Maintenance.
- Designed strictly compliance with the stipulation of cGMP.
- Standard Tooling, No special tooling are used in this machine.
- Versatility & simulation R&D Scale Tablet Press with maximum capacity of 18000# tablets per hour
- Through small and compact machine, almost all the features of standard medium batch are incorporated.
- AC Frequency Variable Speed Drive for Turret.
- Open type fixed gravity feed frame.
- Tablet thickness setting, weight adjustment and speed controls are located outside of the machine.
- Lower guard of S.S.304Q & Upper Guard of Acrylic Glass Surrounding with limit switch.

Optional Features:

- Pre Pressing system.
- Rotary force powder feeder
- PLC controls with HMI Touch Screen Interface.

Safety Features:

- Safety Acrylic guard with limit switch.
- All controls outside of compression zone for safety.
- Overload relay controls.

Technical Specification:

MODEL	PLTCMD-8	PLTCMB-10	PLTCMC- 12
No. of Station	8	10	12
Type of Tooling	D	B	"D", "B"& "BB"- 4 Nos. Each Combind Tooling
Output/Hour	2000 to 14400	2000 to 18000	Each Tooling 1000 to 7200
Max. Operating pressure	60 KN	40 KN	40 KN
Max. Tablet Diameter	22 mm	16 mm	16 mm
Max depth of fill	20.5 mm	17.5 mm	17.5 mm
Main Electric Motor	1.5 hp/1.1 Kw	1.5 hp/1.1 Kw	1.5 hp/1.1 Kw