

SMART PROCESS SOLUTION

TabXpress-PTX



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TabXpress-PTX :

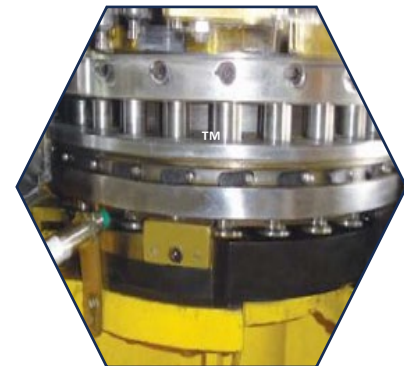
TabXpress-PTX Tablet Press Machine is used for production of simple and precise tablets from powder in pharmaceutical and relevant Industries. It is a high speed single sided, central drive, pre compression rotary tablet press suitable for medium batch size production.

TabXpress-PTX designed in an effort to exceed the highest cGMP requirement and to ensure the most economical and efficient tablet production. TabXpress-PTX features a unique ergonomic design for easy to operate, easy to fast changeover, easy to clean with minimum down time.

TabXpress-PTX Tablet Press is completely separated into three zones i.e. Tablet compression zone, machine service zone and electrical controls zone.

Salient Features :

- ❖ Design is cGMP with contact parts AISI 316 & non contact part AISI 304.
- ❖ Machine ergonomic design construction with separate compression zone and drive zone and electric controls zone and easy to operate, change over, clean & maintenance. Single sided rotary tablet press is suitable for medium batch size.
- ❖ Available in different three model tooling 26 Sin "D" type, 32 stn "B" type & 40 stn "BB" type.
- ❖ Single sided rotary compression press with higher output.
- ❖ Turret drive with worm gear, electromagnetic clutch & variable speed by VFD.
- ❖ Force feeder system with bottom drives with variable speed by VFD.
- ❖ Hydraulic power pack system for pressure loads and released.
- ❖ Tablet parameter to be adjusts from outside and in front of the machine.
- ❖ Simple & convenient to operation, changeover, cleanliness, maintenance.
- ❖ Easy accessibility for quick cleaning and product changeover.
- ❖ Auto lubrication system for roller pin.
- ❖ Upper punch penetration system with eccentric upper roller pin.
- ❖ Powder scrapper seal for lower punch on turret.
- ❖ Drive zone is cover with lower guard of S.S.304
- ❖ Compression zone is covered of acrylic surrounding with inter lock.
- ❖ Paint free tablet compression zone.
- ❖ Electric control panel is closed dust free type in front of machine with easy removal.



Optional Features :

- ❖ PLC controls with HMI touch screen interface.
- ❖ Powder level sensor for hopper.
- ❖ 3 Pcs. turret with S.S 316 Die Pot.
- ❖ Start and stop times rejection and sampling device.



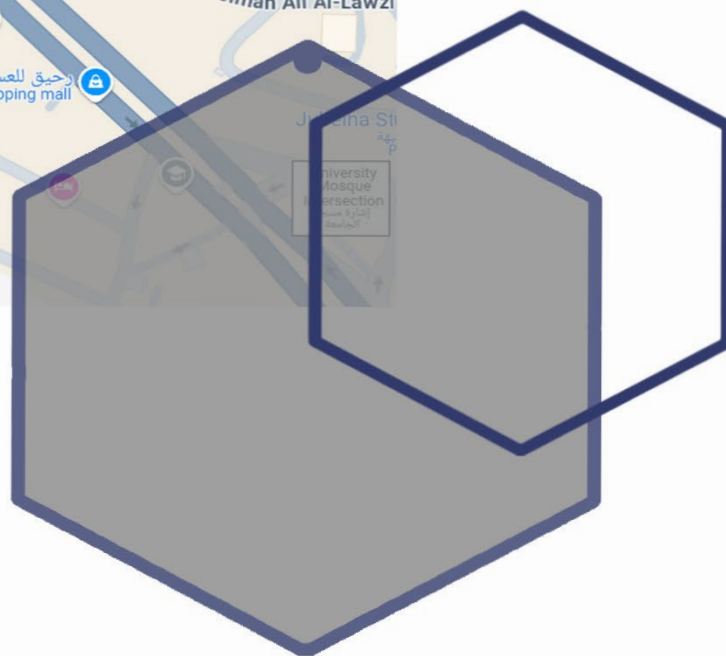
Safety Features :

- ❖ Interlocked upper guard.
- ❖ Overload pressure release mechanism.
- ❖ Emergency stop button.

Technical Specifications :

Model	TabXpress PTX- 26	TabXpress PTX- 32	TabXpress PTX- 40
No. of Stations	26	32	40
Type of Tooling	D	B	BB
Output Tablets per hour	15,600 to 93,600	19,200 to 1, 15,200	24,000 to 1,44,000
Max. Operating Pressure Main Press	100 kN	80 kN	80 kN
Max. Operating Pressure Pre-Press	18 kN	18 kN	18 kN
Max. Tablets Size	24 mm	16 mm	11 mm
Max. Depth of Fill	20.5 mm	17.5 mm	17.5 mm
Upper Punch Penetration	3 to 6 mm	3 to 6 mm	3 to 6 mm
Turret Drive Motor	5 HP /3.75 Kw	5 HP /3.75 Kw	5 HP /3.75 Kw
Force Feeder Drive Motor	0.5 HP/ 0.37 Kw	0.5 HP/ 0.37 Kw	0.5 HP/ 0.37 Kw
Hydraulic Power pack Motor	1 HP/ 0.75 Kw	1 HP/ 0.75 Kw	1 HP/ 0.75 Kw
Lubrication Motor	0.25 HP/ 0.18 Kw	0.25 HP/ 0.18 Kw	0.25 HP/ 0.18 Kw
Machine Dimension	131 x 100 x 200 H cm	131 x 100 x 200 H cm	1 HP/ 0.75 Kw
Machine Weight	1500 Kg.	1500 Kg.	1500 Kg.





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