

SMART PROCESS SOLUTION
TabXpress-PUV



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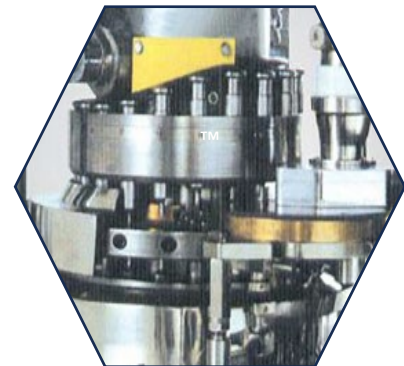
TabXpress-PUV :

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

TabXpress-PUV designed in an effort to exceed the highest cGMP requirement and to ensure the most economical and efficient tablet production. TabXpress-PUV features a unique ergonomic design for easy to operate, easy to fast changeover, easy to clean with minimum down time. TabXpress-PUV tablet press is completely separated into three zones i.e. tablet compression zone, machine service zone and electrical controls zone.

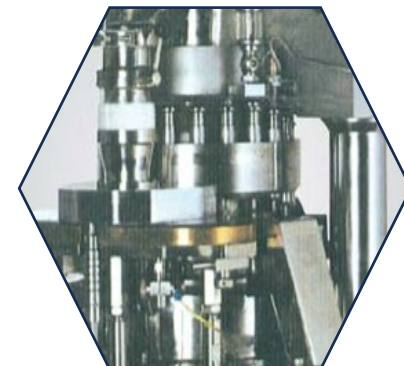
Salient Features :

- ❖ 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 20 stn "D" type, 27 stn "B" type & 30 sin "BB" type.
- ❖ Single sided rotary compression press with higher output.
- ❖ Pre-Compression system to improve compressibility and tablet quality.
- ❖ Central drives for turret through gear box, electromagnetic clutch with 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.
- ❖ Fast changeover and easy cleaning designed with easy removal weight adjustment sector. 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 :

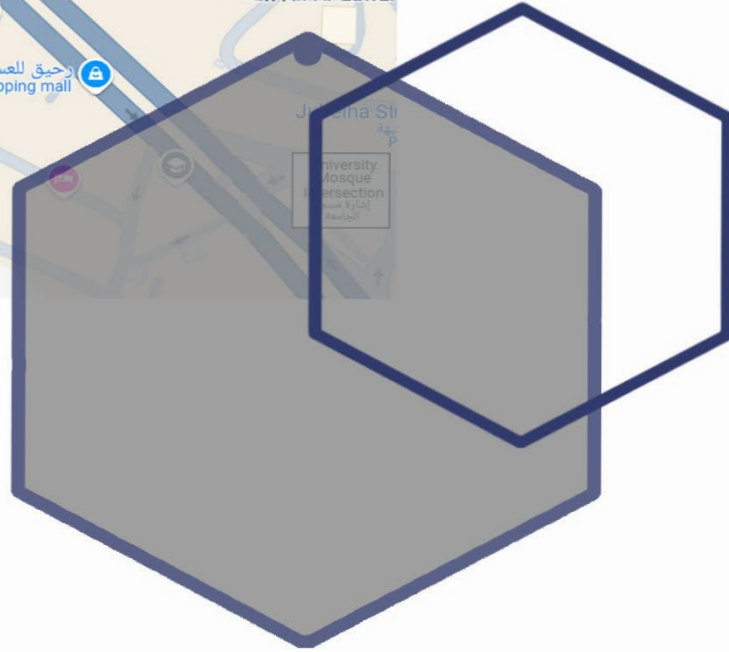
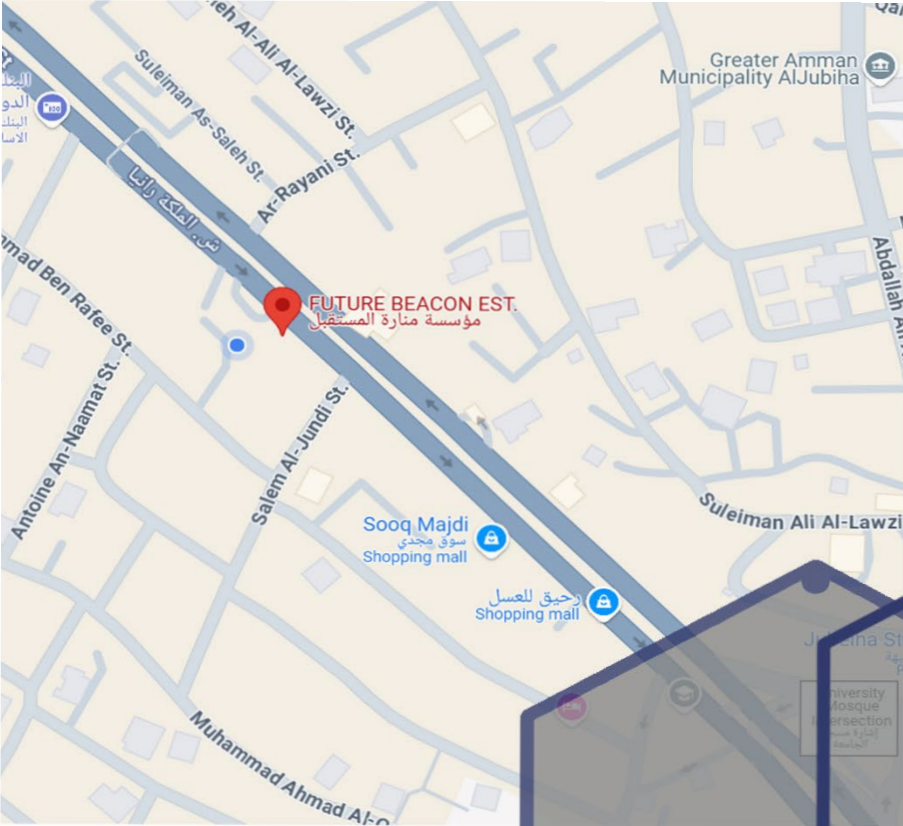
- ❖ Interlocked upper guard.
- ❖ Overload pressure release mechanism.
- ❖ Emergency stop button.

Technical Specifications :

Model	TabXpress PTX- 20	TabXpress PTX- 27	TabXpress PTX- 30
No. of Stations	20	27	30
Type of Tooling	D	B	BB
Output Tablets per hour	12,000 to 72,000	16,200 to 97,200	18,000 to 108,000
Max. Operating Pressure (Main)	100 kN	65 kN	65 kN
Max. Operating Pressure (Pre-Press)	10 kN	10 kN	10 kN
Max. Tablets Size	24 mm	16 mm	11 mm
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	3 HP / 2.25 Kw	3 HP / 2.25 Kw	3 HP / 2.25 Kw
Force Feeder Drive Motor	0.5 HP/ 0.37 kw	0.5 HP/ 0.37 Kw	0.5 HP/ 0.37 Kw
Hyd. Power pack Motor	1 HP/ 0.75 kw	1 HP/ 0.75 Kw	1 HP/ 0.75 Kw
Machine Dimension	79 x 77 x 179 H cm	79 x 77 x 179 H cm	79x 77 x179H cm
Machine Weight	950 kg	950 kg	950 kg



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