

SMART PROCESS SOLUTION PTCMB4



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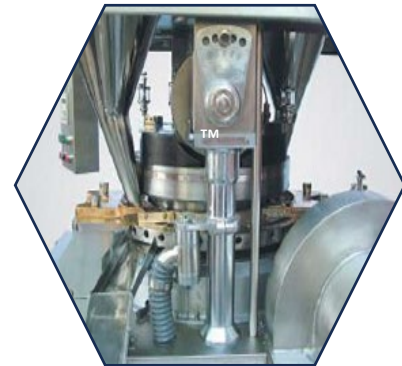
TabXpress-PUV :

PTCM-B4 Double Sided Rotary 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.

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.
- ❖ Double Sided Rotary Tablet Press is suitable for medium batch size.
- ❖ Available in three different model Viz. standard tooling "D", "B" & "BB" tooling.
- ❖ Machine structure is rigid with square body & have middle support base plate.
- ❖ Turret drive with worm gear, electromagnetic clutch & variable drive.
- ❖ Rigid gravity feed frame and stand with fine flow setting of powder.
- ❖ Upper punch penetration system with eccentric upper roller pin.
- ❖ Powder scrapper seal for lower punch on turret.
- ❖ Two sided upper lifting cam.
- ❖ Dust suction for nozzle at compression point.
- ❖ Upper acrylic guard with interlock for safety.
- ❖ Paint free tablet compression area.
- ❖ Easy to cleaning and changeover.
- ❖ Central oil lubrication system with manual hand pump.

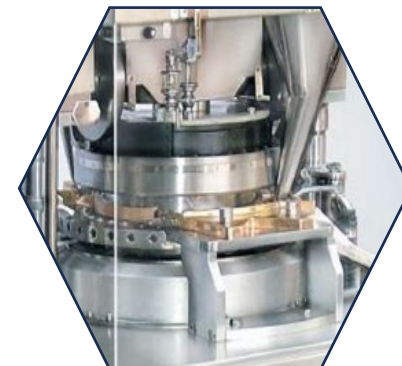


Optional Features :

- ❖ PLC controls with touch screen .
- ❖ Rotary force feeder system with VFD.
- ❖ 3 Pcs. turret with S.S 316 Die Pot.
- ❖ Two layer tablet change parts .
- ❖ Auto lubrication .

Safety Features :

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

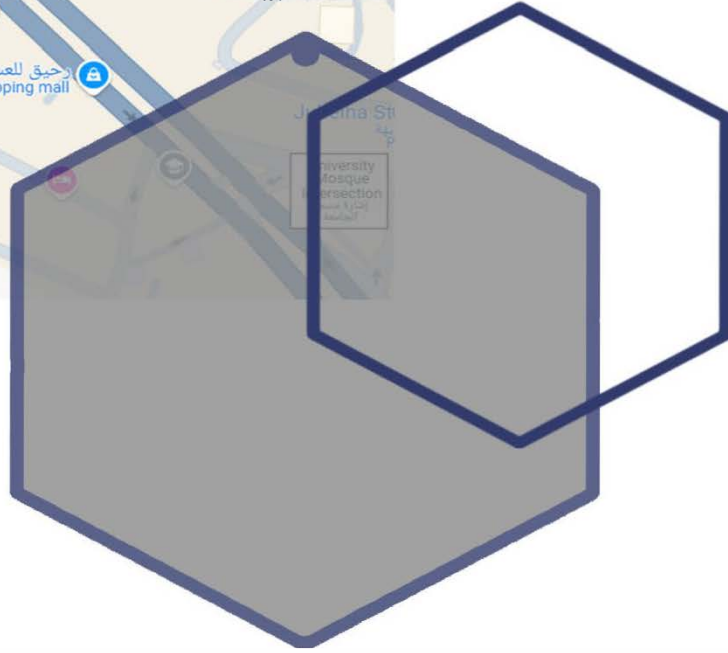
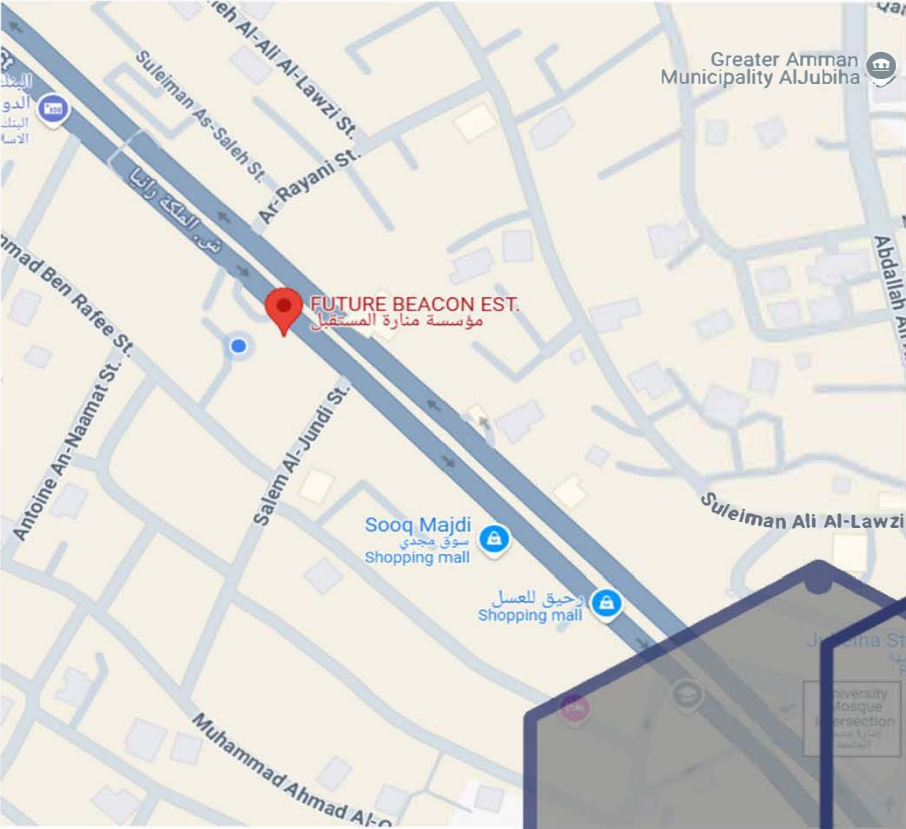


Technical Specifications :

Model	PTCMB4D-27	PTCMB4-35	PTCMB4-45
No. of Stations	27	35	45
Type of Tooling	D	B	BB
Output Tablets per hour	32,000 to 1,94,000	42,000 to 2,52,000	54,000 to 3,24,000
Max. Operating Pressure (Main)	10 Ton	6.5 Ton	6.5 Ton
Maxi. Tablets Size	24 mm	16 mm	11 mm
Maxi. Depth of Fill	20 mm	17.5 mm	17.5 mm
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	5 HP/ 3.70 kW	5 HP/ 3.70 kW
Force Feeder Motor-option	0.25 HP/0.18 kw	0.25 HP/0.18 kw	0.25 HP/0.18 kw
Machine Dimension	109 x 109 x 182 H cm	109 x 109 x 182 H cm	109 x 109 x 182 H cm
Machine Weight	1150 kg	1150 kg	1150 kg



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