

SMART PROCESS SOLUTION  
PTCMD-8/10/12



**FUTURE BEACON**  
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## PTCMD-8/10/12 :

- ❖ Lab Tablet Press Machine is used for research & development of precise tablets from powder in pharmaceuticals and relevant industries. 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 lab 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. Easy use interface.

## Salient Features :

- ❖ Design is cGMP and contact parts AISI 316 & non contact parts AISI 304.
- ❖ 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.
- ❖ Fast Standard tooling "D", "B" & "BB" to meet the requirement of R & D as per scale up.
- ❖ Simple, convenient to operation, changeover, clean & ease to maintenance.
- ❖ Turret drives through central drive shaft with closed gear box with variable speed by VFD.
- ❖ Gravity feed frame with powder hopper.
- ❖ Tablet parameter are to be adjusts from outside of the machine.
- ❖ Lower guard of S.S.304 & upper guard of acrylic surrounding with limit switch.

## Optional Features :

- ❖ Pre pressing system.
- ❖ Rotary force powder feeder
- ❖ PLC controls with HMI touch screen interface ..

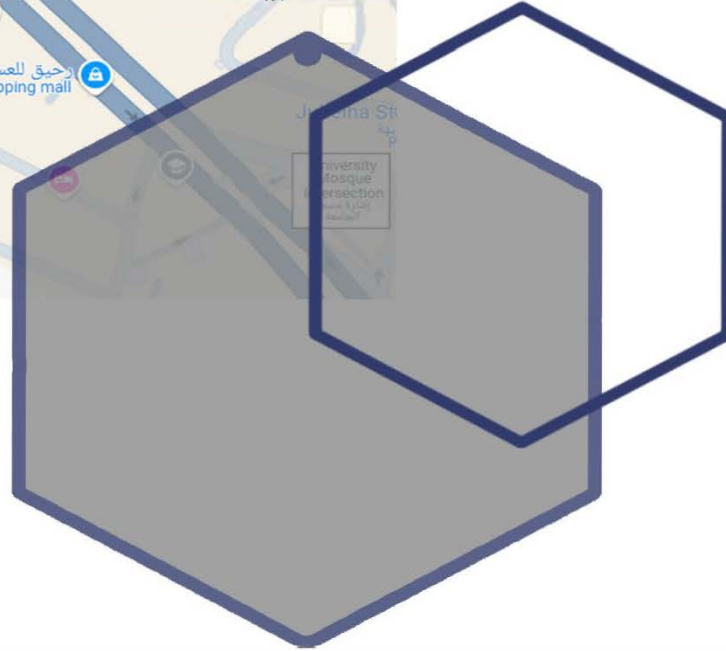
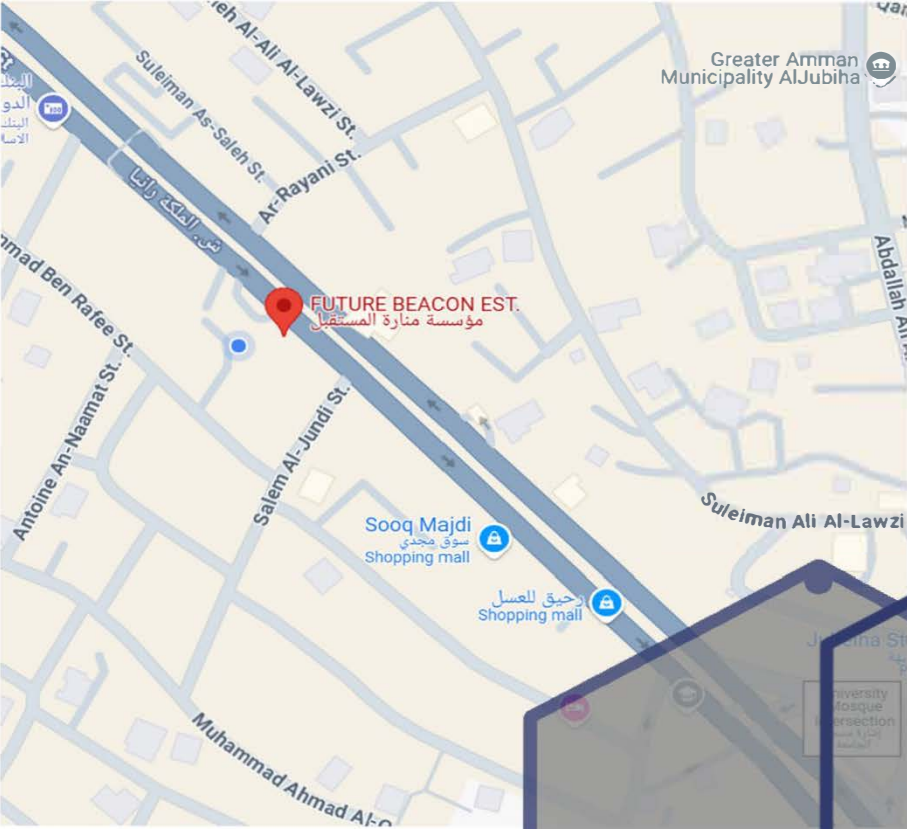


## Technical Specifications :

Model	PLTCMD-8	PLTCMD-10	PLTCMD-12
No. of Stations	8	10	12-Combined tooling
Type of Tooling	D	B	"D", "B & "BB"-4 Nos Each
Output Tablet/Hour	4800 to 14,400	6000 to 18,000	Each tooling 2400 to 7,200
Max. Operating pressure	60 KN	40 KN	40 KN
Max. Tablet Size	22 mm	16 mm	D-22/8-16/88-11 mm
Max. Depth of Fill	20.5 mm	17.5 mm	17.5 mm
Electric Motor	1.5 hp / 1.1 kW		
Force Feeder Motor Option	0.25 HP/0.18 kW		
Machine Size	85x 65x 110H in cm		
Machine Weight	460 kg		



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