

SMART PROCESS SOLUTION

# TabXpress-II



**FUTURE BEACON**

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## TabXpress-PUV :

Prism TabXpress-11 is a High Speed Double Sided Rotary Tablet compression press suitable for millennium batch size production.

TabXpress-11 designed in an effort to exceed the highest cGMP requirement and to ensure the most economical and efficient tablet production. The TabXpress-11 features a unique ergonomic design for easy to operate, easy to fast changeover, easy to clean with minimum down time. The TabXpress 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.
- ❖ Available in different four model viz. tooling 37 stn "D", 45 stn "B", 55 & 61 stn "BB" type.
- ❖ Double side rotary compression press with higher output.
- ❖ Turret drives through gear box & internal gear, 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 top 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.
- ❖ Powder scrapper seal for lower punch on turret.
- ❖ Drive zone is cover with lower guard of S.S.304 with interlock.
- ❖ Upper acrylic guard with gas cylinder and inter lock.
- ❖ Paint free tablet compression zone.
- ❖ Dust suction nozzle for controlling dusting.
- ❖ 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 gate device.
- ❖ Two layer tablet change parts.



## Safety Features :

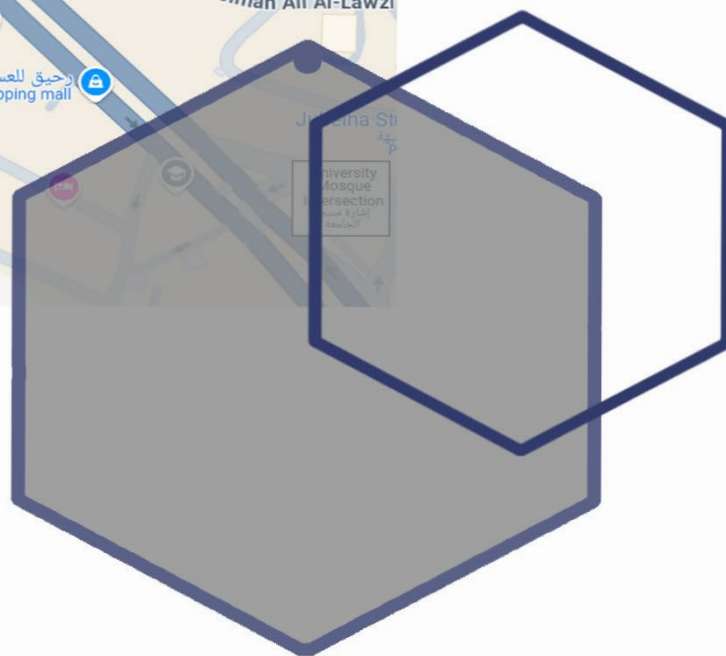
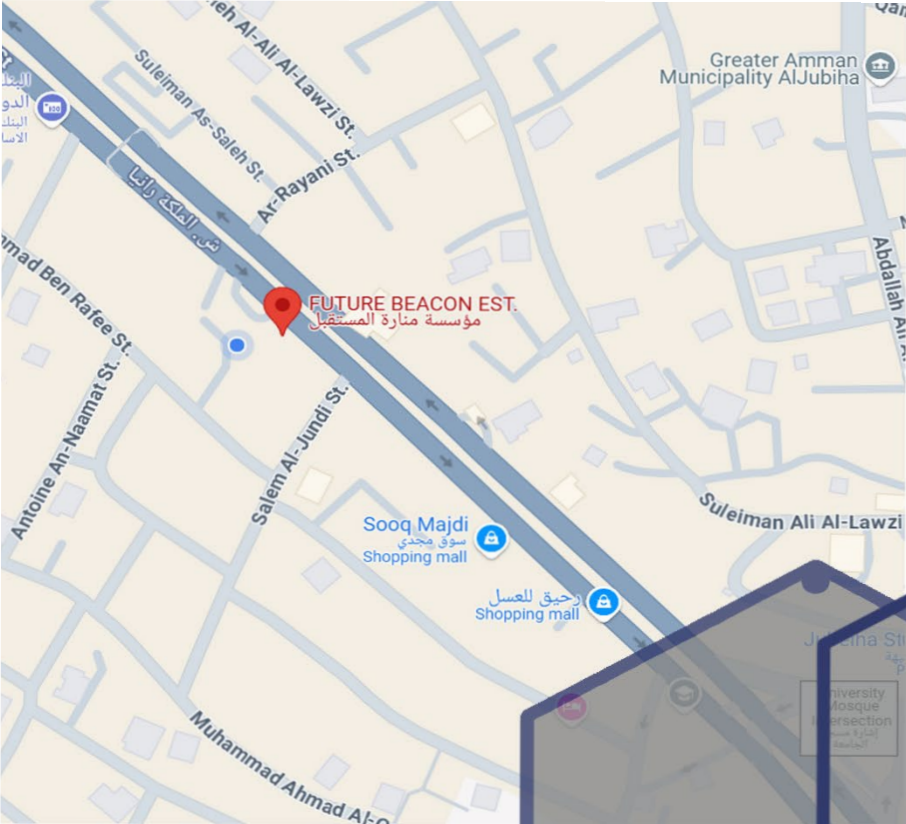
- ❖ Interlocked guard.
- ❖ Overload pressure release mechanism.
- ❖ Emergency stop button.

## Technical Specifications :

| Model                      | TabXpress-II 37    | TabXpress-II 45   | TabXpress-II 55   | TabXpress-II 61  |
|----------------------------|--------------------|-------------------|-------------------|------------------|
| No. of Stations            | 37                 | 45                | 55                | 61               |
| Type of Tooling            | D                  | B                 | BB                | BB               |
| Output of Tablets per hour | 44,400 to 2,66,000 | 54,000 to 32,4000 | 66,000 to 396,000 | 3,200 to 439,000 |
| Max. Operating Pressure    | 10 Ton             | 6.5 Ton           | 6.5 Ton           | 6.5 Ton          |
| Max. Tablets Size          | 24mm               | 16 mm             | 11 mm             | 11 mm            |
| Depth of Fill              | 20mm               | 17.5 mm           | 17.5 mm           | 17.5 mm          |
| Upper Punch Penetration    | 3 to 6 mm          | 3 to 6 mm         | 3 to 6 mm         | 3 to 6 mm        |
| Turret Drive Motor         | 7.5 HP/ 5. 65kw    | 7.5 HP/ 5. 65kw   | 7.5 HP/ 5. 65kw   | 7.5 HP/ 5. 65kw  |
| Force Feeder Drive Motor   | 0.5 HP/ 0.37 kw    | 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    | 1 HP/ 0. 75 kw   |
| Machine Dimension          | 145 X 142 X 182 H  | 145x142x182H      | 145 X 142 X 182 H | 145x142x182H     |
| Machine Weight in kg.      | 2550 Kg            | 2550 Kg           | 2550 Kg           | 2550 Kg          |



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