



## ***Tablet Press-TabXpress-PUV***



TabXpress-PUV Tablet Press Machine is used for production of simple and precise tablets from powder in Pharmaceutical and relevant Industries.

The TabXpress-PUV is high speed single sided central drive pre-compression rotary tablet presses is suitable for medium size batch production with uniform tablet size and weight. The PUV-20/27/30 designed in an effort to exceed the cGMP requirements and ensure the most economical and efficient tablet production. The TabXpress-PUV features a unique ergonomics design for easy to operate, easy to fast change over, easy to clean with minimum down time.

The Machine Ergonomics Design Concept:

The TabXpress-PUV has been completely new designed according to the most modern ergonomic aspects.

- cGMP confirm.
- Machine's basic construction with separate compression zone and drive zone.
- Fast Cleaning and Changeover capability.
- Stainless Steel and Acrylic Glass Surrounding.
- Easy to Operate and Maintenance.

### **Salient Features:**

- Design is cGMP - Current Good Manufacturing Practices compliance.
- All contact parts AISI 316 & non-contact parts AISI 304.
- TabXpress- PUV is high speed single sided tablet press with central drive, pre compression and suitable for medium size batch production and offered in three model "D", "B" & "BB" Tooling.

- Simple & Convenient Operation, Changeover, Cleanliness, Operator Protection & Ease to Maintenance.
- All parameters setting of tablet; like tablet thickness, weight adjustment, Pre-compression Pressure, Main Pressure are provided in front of the machine and outside the compression zone.
- Tablet parameters can be tuned during operations from outside the tableting zone
- Easy accessibility for quick cleaning and product changeover.
- Pre-Compression System to improve compressibility and tablet Quality.
- Turret Drive is Central Drive from Closed Gearbox, No Gearing on Turret.
- Electromagnetic Clutch for turret drive.
- A C Frequency variable drive for Turret Motor and Feeder Motor.
- Force feeder systems with bottom drive for uniform filling to weight consistency.
- 3 Pc. turret with S.S 316 Die Pot.
- Upper Punch penetration & Lower Punch scraper seal.
- Drive system completely enclosed and sealed off from the pressing zone.
- S.S. 304 closer at bottom drive zone and acrylic glass surrounding at compression zone.

### Optional Features:

- PLC Controls with HMI Touch screen interface.
- Powder level sensor for hopper.
- Start and stop times Rejection and sampling device

### Safety Features:

- Interlocked upper guard and Overload relay protection.
- Overload pressure release mechanism.
- Emergency stop button.

### Technical Specification:

Model	TabXpress PUV- 20	TabXpress PUV- 27	TabXpress PUV -30
No. of Station	20	27	30
Type of Tooling	D	B	BB
Output-tablets per Hour	29000 to 72000	39000 to 97000	43000 to 108000
Max. Operating Pressure-Main	100 kN	65 kN	65 kN
Max. Operating Pressure- Pre-Press	10 kN	10 kN	10 kN
Max. Tablet Diameter	25 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
Total Power consumption	6.25 HP / 4.7 kW	6.25 HP / 4.7 kW	6.25 HP / 4.7 kW