

## *Bi – Layer Tablet Press Instrumented (GMP) (Pilot 200)*



Lab Press – PILOT 200 DL is a High Tech Double Layer & Mono layer Rotary Tablet Press is essential for R & D and small batch production. This Single sided R & D Double Layer Tablet Press fully conforms to GMP and the safety requirements, featuring versatility with a quick change of tooling.

For the suitable adjustment during double – layer tablet development, fully independent weight, height and hardness system are used for both the first and second layer. The Turret is driven centrally by a motor and Reduction gear box. The turret speed is adjusted by A.C. frequency drive.

- It's available in Regular Model D' Tooling or B' Tooling
- Multi Tooling – D+B & DB

### **Technical Specifications**

MODEL (Tooling)	B	D
No. Of Station	11	9
Material Feeding System	1st Layer Gravity Feeder & 2nd Layer Force Feeder	1st Layer Gravity Feeder & 2nd Layer Force Feeder
Max. Compression Load 1st Layer (Tons)	20 kN / 2 Tons	20 kN / 2 Tons
Max. Compression Load 2nd Layer (Tons)	45 kN / 4.5 Ton	45 kN / 4.5 Ton
Max. Tablets Dia. (MM)	16	19
Max. Depth Of Fill 1st Layer	19 mm	19 mm
Max. Depth Of Fill 2nd	8 mm	8 mm

<b>Layer</b>		
<b>Pneumatic Ejection</b>	For Sample weight check –	For Sample weight check –
	SHAKTI Dust Extraction Unit Required	SHAKTI Dust Extraction Unit Required
<b>Sampling Device for Weight Check</b>	1st Layer by pneumatic ejection	1st Layer by pneumatic ejection
<b>Turret Speed (RPM)</b>	3 to 30	3 to 30
<b>Output Tablets/ Hour * [max]</b>	19500	16000
<b>Output Tablets/ Hour * [min]</b>	1980	1620
<b>Both Hopper Capacity</b>	1.5 +1.5 kg	1.5 +1.5 kg
<b>Main Electric Motor</b>	3 HP, 1440 RPM, 3 Phase	3 HP, 1440 RPM, 3 Phase
<b>(Driven through ACVF)</b>		
<b>Force Feeder Motor</b>	RPM – (5-65) 1/8 HP, 3 Phase	RPM – (5-65) 1/8 HP, 3 Phase

<b>MODEL (Tooling)</b>	<b>B + D</b>
<b>No. Of Station</b>	7+7=14
<b>Material Feeding System</b>	1st Layer Gravity Feeder & 2nd Layer Force Feeder
<b>Max. Compression Load 1st Layer (Tons)</b>	20 kN / 2 Tons
<b>Max. Compression Load 2nd Layer (Tons)</b>	45 kN / 4.5 Ton
<b>Max. Tablets Dia. (MM)</b>	19 For “D” Tooling
	16 For “B” Tooling
<b>Max. Depth Of Fill 1st Layer</b>	19 mm
<b>Max. Depth Of Fill 2nd Layer</b>	8 mm
<b>Pneumatic Ejection</b>	For Sample weight check –
	SHAKTI Dust Extraction Unit Required
<b>Sampling Device for Weight Check</b>	1st Layer by pneumatic ejection
<b>Turret Speed (RPM)</b>	3 to 30
<b>Output Tablets/ Hour * [max]</b>	12000
<b>Output Tablets/ Hour * [min]</b>	1200
<b>Both Hopper Capacity</b>	1.5 +1.5 kg
<b>Main Electric Motor</b>	3 HP, 1440 RPM, 3 Phase
<b>(Driven through ACVF)</b>	
<b>Force Feeder Motor</b>	RPM – (5-65) 1/8 HP, 3 Phase