

Bi – Layer Tablet Press (GMP) (Pilot 200)



Tablet Press – PILOT 200 DL is a High Tech Double Layer & Monolayer 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 gearbox. 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 Parameters

MODEL (Tooling)	B	D
No. Of Station	11	9
Material Feeding system	1st Layer Gravity Feeder &	1st Layer Gravity Feeder &
	2nd Layer Force 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 Layer	8 mm	8 mm

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

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