

TAB 50

SINGLE & BI-LAYER TABLET PRESS MACHINE
(PRODUCTION SCALE)



TECHNICAL DATA

MODEL	TAB 50-37	TAB 50-45	TAB 50-55
Number Of Punch Positions	37	45	55
Tooling	D	B	BB
Punch Type	EU / TSM		
Punch Shaft Diameter [mm]	25.4	19	19
Die Height [mm]	23.81	22.22	22.22
Die Diameter [mm]	38.1	30.16	24
Punch Length [mm]	133.6	133.6	133.6
Maximum Filling Depth [mm]	20	17	17
Maximum Tablet Diameter [mm]	23	16	13
Tablet Thickness [mm]	1 to 8 mm		
Feeder Type	Gravity Feeder	Force Feeder	

SINGLE-LAYER SET UP

Max. Die Table Rotation Speed [RPM]	60		
Upper Punch Insertion [mm]	2 to 6		
Maximum Main Compression Force [kN]	100	65	65
Maximum Output Capacity [tab/h]	2,66,400	3,24,000	3,96,000

BILAYER SETUP

Max. Die Table Rotation Speed [RPM]	30		
Upper Punch Insertion [mm]	4 to 8		
Maximum Main Compression Force [kN]	100	65	65
Maximum Output Capacity [tab/h]	66,600	81,000	99,000

AUTO FORCE REJECTION MODEL

Upper Punch Insertion [mm]	4.0 mm
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MACHINE SPECIFICATIONS/REQUIREMENTS

Electrical Requirements	Main Motor	Force Feeder Motor
	10HP/7.5kw	0.25HP/0.18kw
Compressed air requirements	6 Bar	
Machine dimensions & weight	LENGTH 1200X WIDTH 1400 X HEIGHT 1900 & 3450 KG	



Technical modifications reserved.

The maximum output is subject to the material, tablet/punch size and the compression force.

We reserve rights of alteration because of technical improvements.

TAB 50 is a High Speed double sided rotary press for high output tablet production

The machine is offered in three variants i.e. TAB 50-37 / TAB 50-45 / TAB 50-55