

TAB 20A

SINGLE LAYER TABLET PRESS MACHINE WITH AUTO WEIGHT CONTROL FEATURE
(R&D SCALE)



TECHNICAL DATA

MODEL	TAB 20A-8	TAB 20A-10	TAB 20A-12
Number Of Punch Positions	8	10	12
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]	17	16	16
Maximum Tablet Diameter [mm]	22	16	13
Tablet Thickness [mm]	1 to 8 mm		
Feeder Type	Gravity Feeder	Force Feeder	

BILAYER SETUP

Max. Die Table Rotation Speed [RPM]	25		
Upper Punch Insertion (Pre.) [mm]	4 to 8		
Upper Punch Insertion (Main.) [mm]	2 to 6		
Maximum Pre Compression Force [kN]	30		
Maximum Main Compression Force [kN]	50		
Maximum Output Capacity [tab/h]	13,500	16,500	19,500

AUTO WEIGHT CONTROL (AWC)

Both Force Feeder are controlled with servo motor to have auto control on fill depth.		
10" HMI Touch Screen IP65/IP66 rated with KIOSK.		
Tool less power cables & adaptors alongwith Start, Stop & Emergency stop Push Buttons.		
Load Cells on Compression Rolls.		
CE Certified machine for Safety Controls alongwith VFD.		
SIEMENS Automation Control & Systems.		
MACHINE SPECIFICATIONS/REQUIREMENTS		
Mounting Requirements	Foot Mounted	Stand Mounted
Electrical Requirements	Main Motor 3.0HP/2.2kw	Force Feeder Motor 90W
Compressed air requirements	6 Bar	
Machine dimensions & weight	LENGTH 1300 X WIDTH 1400 X HEIGHT 2050 & 850 KG	



Technical modification 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.

The TAB 20A is a small rotary pharmaceutical tablet press, delivering performance for R & D Applications, clinical batches and small scale production.