

# TAB 20AB

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



## TECHNICAL DATA

MODEL	TAB 20AB-9	TAB 20AB-11	TAB 20AB- MT
Number Of Punch Positions	9	11	5+5
Tooling	D	B	D+B
Punch Type	EU / TSM		
Punch Shaft Diameter [mm]	25.4	19	25.4/19
Die Height [mm]	23.81	22.22	23.81/22.22
Die Diameter [mm]	38.1	30.16	38.1/30.16
Punch Length [mm]	133.6	133.6	133.6
Maximum Filling Depth [mm]	17	16	17/16
Maximum Tablet Diameter [mm]	22	16	22/16
Tablet Thickness [mm]	1 to 8 mm		
Feeder Type	Gravity Feeder	Force Feeder	

## BI-LAYER 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	7,500/7,500

## 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 along with Start, Stop & Emergency stop Push Buttons.		
Load Cells on Compression Rolls.		
CE Certified machine for Safety Controls alongwith VFD.		
SIEMENS Automation Control & Systems.		
<b>MACHINE SPECIFICATIONS/REQUIREMENTS</b>		
Mounting Requirements	Foot Mounted	Stand Mounted
Electrical Requirements	Main Motor	Force Feeder Motor
	3.0HP/2.2kw	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 20AB is a small rotary pharmaceutical tablet press, delivering performance for R & D Applicatons, clinical batches and small scale production.