



# PRESS V

(WITH PRE COMPRESSION)  
DOUBLE ROTARY HIGH SPEED TABLET PRESS  
51 station 'D' tooling / 65 Station 'B'  
tooling / 81 station 'BB' tooling





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## SALIENT FEATURES

- It is a high speed double rotary tablet press for higher tablet output.
- Machine is having a square design with full consideration of cGMP standards.
- The machine is having PRE-COMPRESSION facility.
- The machine is having A.C. variable frequency drive for the main motor.
- All the tablet parameters can be fine tuned during the operation of the machine from outside the Tabulating zone, with front controls at outside of the machine, having SEIKO type dials.
- The machine is having A.C. variable frequency drive for force feeding motors, Which enables operators to synchronize machine's speed & feed both?
- The machine is having Electromagnetic clutch arrangements.
- The machine having Motorized Hydraulic Power pack for pressure loading and overload release.
- The machine is having Helical gear ring & pinion gear, to drive the turret.
- All upper Guards of transparent acrylic material with interlock switches for safety.
- Lower Guards of polished Stainless Steel SS 304.
- The machine is having excellent BOTTOM DRIVEN FORCE FEEDING SYSTEM for material feeding.
- The machine is having one piece turret of special grade casting. However, three piece turret



- Two layer attachments can also be provided (Optionally).
- PLC with colour HMI touch screen (Optionally).



## With Auto Force Rejection Through Compaction Force

- With load cell at Main Compression for Pressure measurement.
- With auto sampling based on, either time or revolution of punch no.
- With auto rejection of any single tablet out of prescribed compaction force limit.
- SCADA with industrial PC. having 15" colour touch screen (21 CFR part 11 compliance)
- With graphical as well as numeric representation of each individual punch force.



Also available with CFC / AFR



Single Layer



Double Layer



## PRODUCT SPECIFICATION: ACCURA PRESS-II MACHINE

TYPE	PRESS V-51	PRESS V-65	PRESS V-81
Number of Station	51	65	81
Type of tooling (As Per EU1)	<b>D</b>	<b>B</b>	<b>BB</b>
Output-tablets/hour (Min./Max.)(Single Layer)	73,440 / 4,28,400	93,600 / 5,46,000	1,16,640 / 6,80,400
Output-tablets/hour (Min./Max.)(Bi-Layer)	36,720 / 1,07,100	46,800 / 1,36,500	58,320 / 1,70,100
Turret Speed (RPM) (Min / Max.)(Single Layer)	12 / 70		
Turret Speed (RPM) (Min / Max.)(Bi-Layer)	12 / 35		
Max. operating pressure-Main (kN)	100 kN	65 kN	
Max. Operating Pre. Pressure-Tamp.(kN)	20 kN		
Max. Tablet Diameter (mm)	25mm	16mm	11mm
Max. Tablet Thickness (mm)	8.5 mm		
Depth of fill(With Three Different Lower Track)	13/16", 9/16", 5/16"	11/16", 1/2", 5/16"	11/16", 1/2", 5/16"
Upper punch entry Main (mm)	1.5 To 8 mm		
Upper punch entry Pre-comp. (mm)	1.5 To 8 mm		
Main Ele. motor (kw/hp)	11 kW / 15 hp x 1440 RPM		
Feeder Ele. Motor (kw/hp)	0.1875 kW / 0.25 hp, x 1440 RPMx2 Nos.=0.375 kW / 0.50 hp		
Power Pack Motor	0.75 kW / 1 hp		
Continuous Lubrication Pump and Pinion With Helical Ring(Dropco Pump)	0.0375 kW / 0.05hp		
Hopper Capacity	20 Litres		
Overall dimensions close guard-cm	170 L x 165 W x 197 H		
Overall dimension Open guard -cm	275 L x 275 W x 197 H		
Net weight (kg)	4100 Kg. (Approx.)		
Utilities :	1) Suction Air :	300 CFM (Qty. - 01 for Single Layer)	
		300 CFM (Qty.- 02 for Bi-Layer)	
	2) Compressed Air :	7Kg/Sq.cm (7 Bar)	
	3) Power Supply :	(a) 415 V, 3 Phase, 50 Hz	
		(b) 480 V, 3 Phase, 60 Hz	
		(c) 220 V, 3 Phase, 60 Hz 4)	
	Power-Total (kw/hp) :	12.16 kW / 16.22 hp	

\* Depending upon material characteristic & available room atmosphere only.

NOTE : DUE TO CONTINUOUS IMPROVEMENTS IN THE MACHINERIES, SPECIFICATION OF THE MACHINERIES IS SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE.

Pre-pressure and Main pressure could be changed depending on the size of the compress and filling depth, powder or granulation. It is dependent on the physical specification of the used material for the compress.

The above specification is the subject to change without prior notice for the technical development.

It is Recommended not to use large depth of fill, minimum tablet thickness and maximum compression pressure for maximum performance consistently. Technical rights to change catalogues, specifications and features are reserved with the manufacturer. Actual output may vary against indicated output on the product under compression and RPM on lower side.

