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ACT-VI | HIGH SPEED SINGLE ROTARY TABLET PRESS

49 Stn. 'D' Tooling / 61 Stn. 'B' Tooling / 73 Stn. 'BB' Tooling With pre compression of 10 tons & Main compression of 10 tons. WITH INTERCHANGEABLE TURRET

AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL AUTO TABLET REJECTION THROUGH COMPACTION FORCE CONTROL

SALIENT FEATURES

- SINGLE ROTARY TABLET PRESSES WITH INTERCHANGEABLE TURRET.
- In compliance with cGMP.
- Motorized pre compression of 10 Tons. (100 KN)
- Motorized main compression of 10 Tons. (100 KN)
- Motorized Dozzer, for precise dept of fill adjustment.
- Industrial PC, having 15" colour touch screen.
- Load cell at Pre-Compression & Main-Compression.
- PLC & Colour Industrial PC, on Separate Operating Panel.
- Machine is Four sides open with upper Guards. Control panel is separate.
- With AC Variable Drive & Zero Clearance Feeder Frame.
- Vibration free and easy to operate at 80 RPM.
- Sliding type Pre & Main upper press roll assly.
- Easy turret change facility.
- Sampling & startup rejection.
- Sturdy Structure design.
- Turret Lifting by External Hydraulic Trolley.
- Turret Resting Trolley is given by default.
- Turret change over time -45 min.max.
- Any Turret of D-B-BB Tooling can be fitted.
- No more Cubical- No more AHU.
- Power Main motor 15 Hp.

Server integration option available.

TECHNICAL SPECIFICATIONS

TYPE	ACT-VI 49	ACT-VI 61	ACT-VI 73
Number of Station	49	61	73
Type of tooling (As Per EU1)	D	В	BB
Output-tablets/hour	29,400 / 2,05,800	36,600 / 2,56,200	43,800 / 3,06,600
Turret RPM (Min./Max.)	10/70		
Max. operating pressure-Main (kN)	100		
Max, Operating Pre, Pressure-Tamp, (kN)	100		
Max. Tablet Diameter (mm)	25	16	11
Max. Tablet Thickness (mm)	8.5		
Depth of fill (mm)(With Three Different Lower Track	3 - 108.5 - 1412.5 - 20		
Upper punch entry Main (mm)	1 to 6		
Upper punch entryPre-compression (mm)	1 to 6		
Main Electric motor (kw/hp)	11kw/15hp, x 1440 RPM		
Main Press Roll Servo Motor (kW/hp)	0.75/1.0 x 3000 RPM		
Pre. Press Roll Servo Motor (kW/hp)	0.75/1.0 x 3000 RPM		
Weight Adj. Servo Motor (kW/hp)	0.75/1.0 x 3000 RPM		
Feeder Electric Motor (kw/hp)	0.37kw/0.50hp x 1365 RPM		
Auto Lubrication Pump Electric Motor(kw/hp)	0.12 / 0.16 x 1440 RPM.		
Hopper Capacity	20 Litres		
Overall dimensions close guard-cm	158 W x 163 L x 208 H		
Overall dimension Open guard -cm	301 W x 301 L x 208 H		
Net weight (kg)	5500 Kg. Approx		
Case dimensions (cm)	203 W x 198 L x 226 H		
Gross weight(kg)	5900 Kg Approx		
Utilities :	1)Suction Air :-	300 CFM	
	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 Hz4)	
	Power-Total (kw/hp) :-	13.74kW / 18.66 hp	

* Depending upon material characteristic & available room atmosphere only. NOTE : DUE TO CONTINUES IMPROVEMENTS IN THE MACHINERIES, SPECIFICATION OF THE MACHINERIES IS SUBJECT TO CHANGEWITHOUT 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 Recomended 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.



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