



accura ACT-I

HIGH QUALITY R&D & SMALL SCALE BATCHES

SINGLE ROTARY TABLET PRESS (Suitable for Single & Bi-Layer)
FULLY AUTOMATIC WITH 21 CFR PART 11 COMPLIANCE
With pre compression of 4 tons. With main compression of 10 tons.
8 D + 8 B Tooling Combo & 16 STN "D" Tooling /
20 STN "B" Tooling / 28 STN "BB" Tooling

SALIENT FEATURES

- ❖ Square GMP Model
- ❖ Center drive fitted with gear box
- ❖ Single Rotary Tablet Presses with Bi-Layer Facility
- ❖ With motorized pre compression of 04 tons. (40 kn)
- ❖ With Motorized main compression of 10 tons. (100 kn)
- ❖ With Motorized dozer, for precise depth of fill adjustment.
- ❖ With A.C. Variable drive
- ❖ With load cells at pre & main compression
- ❖ With Motorized force feeder.
- ❖ With PLC & IPC 15" touch screen.
- ❖ Auto weight control (AWC) & Auto rejection.
- ❖ Vibration free and easy to operate at 50 RPM.
- ❖ No oil lubrication, all grease lubrication.
- ❖ NO Hydraulics, no oil leakage.
- ❖ With upper punch penetration.
- ❖ With Interlock switches to all guards.
- ❖ Lower guards of polished stainless steel.
- ❖ Upper guards of acrylic material.
- ❖ Bi-Layer attachment (optionally).



TECHNICAL SPECIFICATIONS

TYPE	ACT-I 16	ACT-I 20	ACT-I 28	ACT-I COMBO
Number of Station	16	20	28	8D+8B
Type of Tooling (As per EU1)	D	B	BB	D+B
Output-Tablets/hour (Min / Max.)	9600/	12000/	16800/	4800/
(Single Layer)	48000	60000	84000	24000
Output-Tablets/hour (Min / Max.)*	9600/	12000/	16800/	4800/
(Bi-Layer)	24000	30000	42000	12000
Turret RPM (Min.- Max.) (Single Layer)			10-50	
Turret RPM (Min.- Max.) (Bi-Layer)			10-25	
Max. Operating pressure-Main (kN)	100	100	100	100
Max. Operating Pre. Pressure (kN)	40	40	40	40
Max. Tablet Diameter (mm)	25	16	11	25+16
Max. Tablet Thickness (mm)			8.5	
Depth of fill (mm) (With Three Different Lower Track)	3-10		8.5-14	12.5-18
Upper punch entry Main (mm)			1 To 6	
Upper punch entry Pre-compression (mm)			1 To 6	
Power-Total (kw/hp)			2.325/3.1	
Main Ele.motor (kw/hp)			3.75/5, x 1440 RPM	
Main Press Roll Ele. Motor(kw/hp)			750 W x 3000 RPM	
Pre. Press Roll Ele. Motor(kw/hp)			750 W x 3000 RPM	
Weight Adj. Ele. Motor(kw/hp)			750 W x 3000 RPM	
Hopper Capacity			4 Liters	
Overall dimensions(Close guard) cm			88W x 105L x 180H	
Overall dimensions(Open guard) cm			194W x 199L x 200H	
Case dimensions (cm)			115x130x195 H	
Net weight (kg)			Approx. 1200	
Gross weight(kg)			Approx. 1400	
Utilities	1) Suction Air :- 300 CFM	2) Power Supply :- 415 V,3 Phase, 50 Hz		

* Depending upon material characteristic & available room atmosphere only.
NOTE : DUE TO CONTINUES 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.

MANUFACTURED BY:



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Fluidpack



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