



accura ACT-II

HIGH SPEED SINGLE ROTARY TABLET PRESS

31 STN "D" Tooling / 37 STN "B" Tooling / 45 STN "BB" Tooling
With pre compression of 10 tons. & main compression of 10 tons.

WITH EXCHANGEABLE TURRET, WITH CFC & AWC





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THE MACHINE IS HAVING FOLLOWING MAJOR SALIENT FEATURES

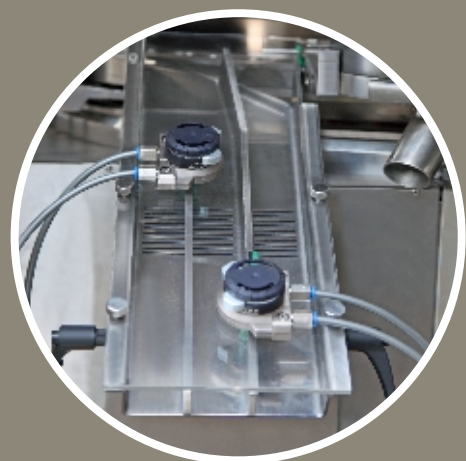
- SINGLE ROTARY TABLET PRESS WITH EXCHANGEABLE TURRET.
- In compliance with cGMP & having center shaft driven turret thru heavy duty oil immersed reduction gear box.
- With Motorized pre compression of 10 Tons. (100 KN)
- With Motorized main compression of 10 Tons. (100 KN)
- With Motorized dozer, for precise depth of fill adjustment.
- With Motorized Force Feeder Having Zero Clearance Feeder Frame.
- With Load cell at Pre Compression for Pressure measurement.
- With Load cell at Main Compression for Pressure measurement.
- With load cells for lower punch tight detection
- With CFC & Auto weight control (AWC).
- With Auto sampling based on, either time or revolution or Punch no.
- With auto rejection, of any single tablet, out of prescribed compaction force limit.
- With SCADA with industrial PC. having 12" colour touch Panel (21 CFR part 11 compliance)
- Machine is Four sides open with elegant acrylic upper Guards.
- With Inter lock switches to all upper Guards
- Lower guards of polished stainless steel.
- With AC Variable Drive & Electro magnetic clutch.
- With Sliding Type Pre & Main upper pressure roll assembly, & with upper punch penetration
- With Sturdy Structure design.
- Vibration free and easy to operate at 70 RPM.
- With easy Turret change facility & Very less Turret change over time.
- With option for turret exchange having tooling 31-D or 37- B or 45 BB.
- Turret Lifting by motorized screw device / by External Hydraulic Trolley.
- Turret Resting on separate Trolley.
- Reduces the product change over time.
- No more cubical required. All three type of tablet compression available on the same machine
- Save cost of Multiple operators
- Save cost of Multiple Spares
- Saves cost of Multiple Cubicles
- Reduce the tablet rejection by AWC
- Provide accurate weight & tablet quality.
- Optimize various tab, Parameters like hardness thickness & weight
- Eliminates maximum human errors.
- Additional turret assembly. (Optional)

OPERATION THROUGH CONTROL PANEL (By IPC- Industrial pc)

- Having Castor Wheels, for easy movement
- IPC (Industrial P.C.) With 15" Colour Touch Screen
- Easy to operate by soft touch
- Visual indication on safety messages.
- The Batch data can be recorded automatically & down loaded.
- The information of product can be recorded & saved under a file name.
- 3 Way password system
- With a Screen having various sections, making scanning and impact of data, easily The display and recorded data can be printed also.
- The after sales, PLC complaints can be carried out by internet, Separate
- E-Mail connection and can be carried out comfortably in the operation terminal.
- The data can be stored.
- Pen drive connectivity
- 21 CFR Part 11 Compliance

Benefits of Scada :

- 1). Report Generation in Access / Excel
- 2). Use of unlimited storage of PC (Particularly 'n' of recipes
- 3). Connectivity to any type of Printer.
- 4). Graphical system representation
- 5). Real time trending
- 6). Alarm History.
- 7). Audit trail
- 8). Advanced security Level





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PRODUCT SPECIFICATIONS

TYPE	ACT – II 31	ACT II 37	ACT – II 45
TYPE OF TOOLING D (EU-D. IPT D)	B (EU-B. IPT B)	BB (EU-B. IPT B)	
OUTPUT – TABLET / HOUR	22,320 TO 139,500	26,640 TO 166,500	32,400 TO 2,02,500
MAX. OPERATION PRESSURE MAIN (KN)	100	100	100
MAX. OPERATION PRE –PRESSURE TAMP (KN)	100	100	100
MAX. TABLET DIAMETER (MM)	25	16	11
MAX. TABLET THICKNESS (MM)	8.5		
MAX. DEPTH OF FILL (MM)	3 – 10 FOR "D" & "B" & "BB" Tooling 8.5 – 14 "D" & "B" & "BB" Tooling 12.5 – 20 SUITABLE FOR "D" Tooling		
UPPER PUNCH ENTRY MAIN (MM)	1 TO 6		
UPPER PUNCH ENTRY PRE- COMPRESSION (MM)	1 TO 6		
POWER – TOTAL (KW/HP)	9/12		
MAIN ELE. MOTOR (KW/ HP)	7.5/10, 1440 RPM		
PRE.PRESS ROLL ELE MOTOR(KW/HP)	0.12/0.16, 1440 RPM		
MAIN PRESS ROLL ELE. MOTOR (KW/ HP)	0.12/ 0.16, 1440 RPM		
WEIGHT ADJ. ELE MOTOR (KW/HP)	0.025/0.0335, 1440 RPM		
FEEDER ELE. MOTOR (KW/HP)	0.37/0.50, 1440 RPM		
TURRET LIFTING ELE. MOTOR (KW/HP)	0.75/1, 1440 RPM		
OVERALL DIMENSIONS (CM)	124.5 W X 134.5 L X 203.5 H (WITH CLOSE GUARD)		
OVERALL DIMENSIONS (CM)	234 W X 281 L X 203.5 H (WITH OPEN GUARD)		
NET WEIGHT (KG)	3000.00 KG (APPROX)		
CASE DIMENSION (CM)	185 X 185 X 220 H		
UTILITIES (1) Suction Air	300 CFM		
(2) Compressed Air	5 kg. / 59 cm)5 Bar)		
(3) Power Supply	415 V. 3 Ph. 50 Hz.		

*Machine output mentioned are rated outputs and can vary depending on the product characteristics, Tablet dimension/shape/size, depth of fill, ambient conditions, operator skill and machine maintenance.

NOTE : DUE TO CONTINUOUS IMPROVEMENTS IN THE MACHINERIES, SPECIFICATION OF THE MACHINERIES IS SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE. Electrical Specifications can be customized, like 60 Hz etc. as per customer choice.

AWC - (Automatic Weight Controller) (an accura advantage)

- The range of AWC is divided such as control, reject and data store.
- Graphical appearance of the value of pre & main pressure.
- Display of figure and graph both for the value of pressure on each individual punch.
- Indication / Display, of any no. of the selected punch & the respective value of pressure applied on it.
- Filling depth can be adjusted, if the amount of filled powder is exceeded or shortened beyond preset value.
- The faulty tablet will be rejected automatically.
- All data like production, rejection samples taken. Batch time segment etc. is recorded.
- Discharge chute with three compartments like initial reject, auto reject & sampling gate.
- The set parameters and the actual parameters can be visualized on the screen, at the same time.
- Empty punch can set.





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TURRET CHANGE / EXCHANGE

Looking to the increasing demand from pharma Industries, for this type of mechanism, Fluidpack's ACCURA ACT - II single rotary Tableting Machine is manufactured / Crafted with great precision and with easy & specially designed turret device, It can be operated through the soft push button on Touch Screen. Keeping in mind the highest safety for machine there are upper & lower limits, on the travel range of the turret lifting rail, which prevents any damage caused by the non- proper operation. Turret is lifted up & down, from the top of it, by connecting it with a cantilevered, lifting liner sliding rail mechanism. Turret, then after, can be pulled out and can be unloaded on specially designed trolley. Another Turret can be immediately replaced by this mechanism on the machine with a very small time segment.



MANUFACTURERS & EXPORTERS



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