



Fluidpack



accura F-290R | HIGH SPEED DOUBLE ROTARY TABLET PRESS

39 Stn. 'D' Tooling / 49 Stn. 'B' Tooling / 61 Stn. 'BB' Tooling
INTERCHANGEABLE TURRET

Pre compression of 3 tons. Main compression of 10 tons.

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

EXPORTS IN
70+
COUNTRIES



Single Layer



Double Layer

MANUFACTURED BY:

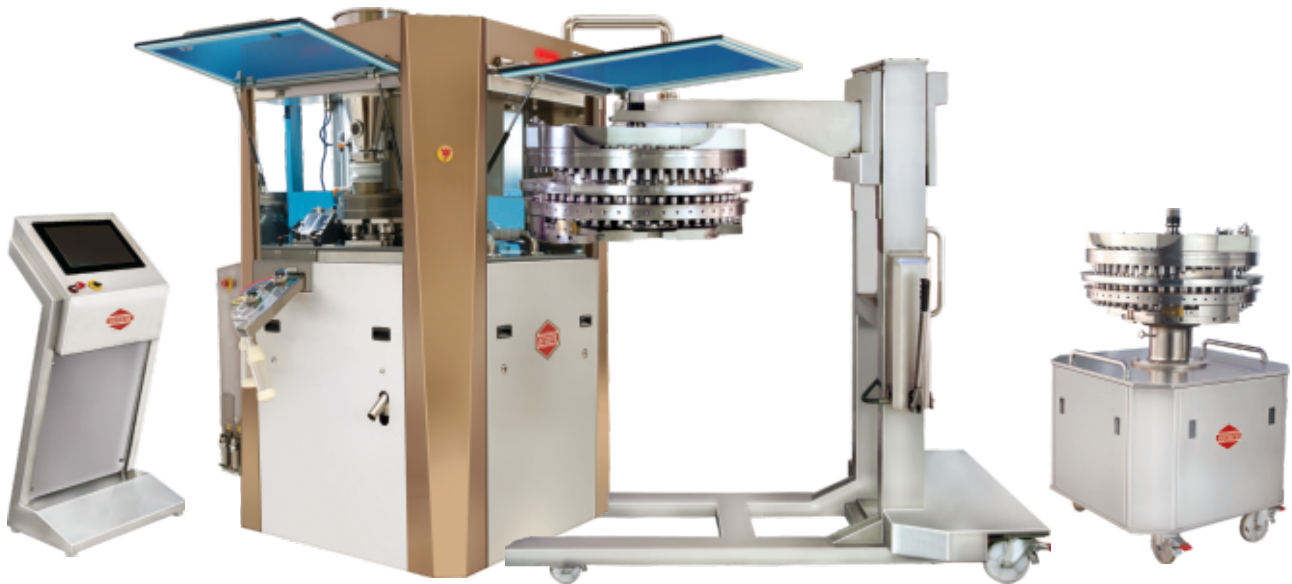


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INTERCHANGEABLE TURRET (AN ACCURA ADVANTAGE)



SALIENT FEATURES

- ❖ DOUBLE ROTARY TABLET PRESS WITH INTERCHANGEABLE TURRET.
- ❖ Four column heavy structure.
- ❖ In compliance with cGMP.
- ❖ Center shaft driven turret thru heavy duty oil immersed reduction gear box.
- ❖ Motorized pre compression of 3 Tons. (30 KN)
- ❖ Motorized main compression of 10 Tons. (100 KN)
- ❖ Motorized dozer, for precise depth of fill adjustment.
- ❖ Three paddle Zero Clearance Force feeder.
- ❖ Load cell at Pre Compression for Pressure measurement.
- ❖ Load cell at Main Compression for Pressure measurement.
- ❖ Load cell for lower punch tight detection.
- ❖ Auto sampling based on, either time or revolution or Punch no.
- ❖ Swing Type Pre & Main upper pressure roll assembly,
- ❖ For Quick Turret Change over.
- ❖ 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.)
- ❖ Machine is Four sides open with Acrylic upper Guards.
- ❖ Interlock switches to all Guards Lower guards of polished stainless steel.
- ❖ AC Variable Drive & Electro magnetic clutch.
- ❖ Sturdy Structure design. Vibration free and easy to operate at 70 RPM.
- ❖ Easy & Quick Turret change facility (Optional).
- ❖ Option for turret interchange having tooling 39-D or 49- B or 61 BB (Optional).
- ❖ 2 Layer (Bi-Layer) attachment (Optional).
- ❖ Additional turret assembly. (Inter changeable turret) (Optional).
 - ❖ Upper punch stiffness measuring (Optional).
 - ❖ Ejection force measuring (Optional).
 - ❖ Powder level very low device on feeder (Optional).
 - ❖ Calibration control (Loadcell / Servo motors) (Optional).



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Safety features

- ⊕ Emergency Stops alarm.
- ⊕ Motors overload precaution.
- ⊕ AC VFD overload precaution.
- ⊕ Servo motors movement notification.
- ⊕ Servo motors safety precaution.
- ⊕ Fill cam identification.
- ⊕ Tablet Rejection control alarm.
- ⊕ High Tablet rejection notification.
- ⊕ Guards interlock.
- ⊕ Lubrication oil level identification
- ⊕ Low powder level
- ⊕ Encoder position disturb alarm.
- ⊕ Individual compaction force higher alarm.
- ⊕ Hand wheel guard notification.

Operating Peripheral

- ⊕ Auto weight control available through Compaction force.
- ⊕ 21 CFR part 11 Compliance.
- ⊕ Multi users password and user authorization.
- ⊕ Individual users access rights.
- ⊕ Encoder for counting all the parameters.
- ⊕ Individual tablet rejection(beyond weight) through compaction force.
- ⊕ "accura" mode for eliminating weight variation at higher speed.
- ⊕ 15" touch screen IPC for operating system.
- ⊕ Feeder synchronization.
- ⊕ Initial tablet rejection during start / stops.
- ⊕ Production Mode / Set up mode.
- ⊕ Manual Run/Jog Run / Auto Run.
- ⊕ Pre compression punch force. (Individual station)
- ⊕ Main Compression punch force. (Individual station)
- ⊕ Auto Sampling Mode.
- ⊕ Based on Time/Punches or No. of tablets.
- ⊕ Auto Lubrication.
- ⊕ Recipe creation/download/Edit option.
- ⊕ Various type of prints reports.
- ⊕ Audit reports and history.
- ⊕ Individual punch force details.
- ⊕ Auto printing option.
- ⊕ Server integration option available.



Single Layer



Double Layer



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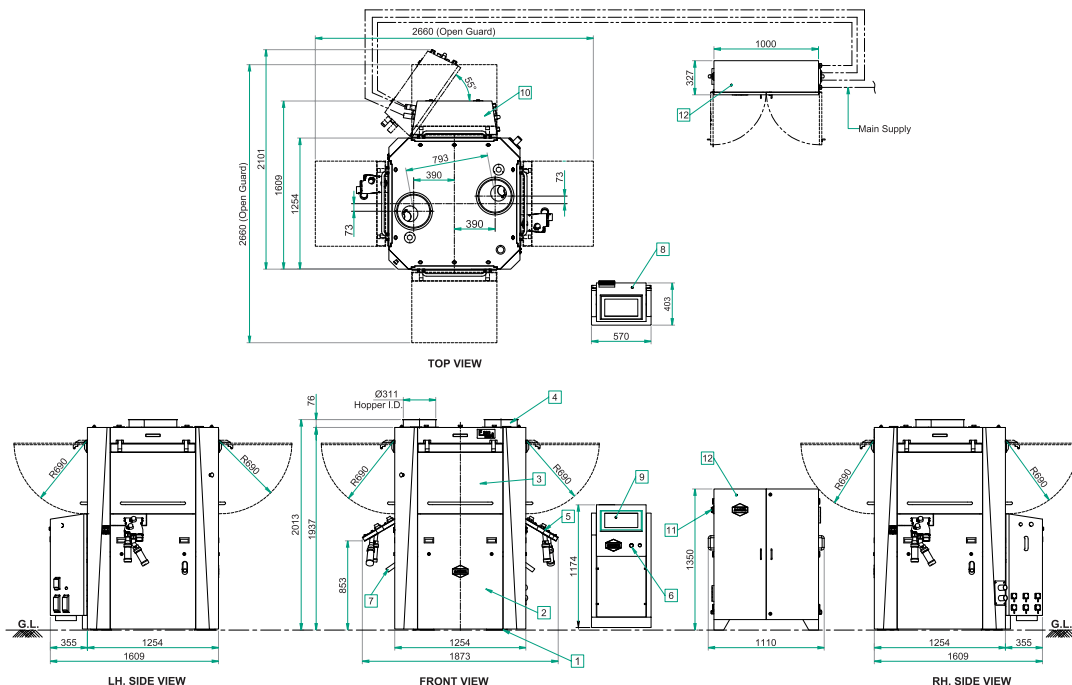
TECHNICAL SPECIFICATIONS

TYPE	F 290 R - 39	F 290 R - 49	F 290 R - 61
Number of Station	39	49	61
Type of tooling (As per EU1)	D	B	BB
Output-tablets/hour (Min / Max.)(Single Layer)	46,800 / 3,27,600	58,800 / 4,11,600	73,200 / 5,12,400
Output-tablets/hour (Min / Max.)(Bi-Layer)	23,400 / 81,900	29,400 / 1,02,900	36,600 / 1,28,100
Turret R.P.M.(Min./Max.) (Single Layer)		10/70	
Turret R.P.M.(Min./Max.) (Bi-Layer)		10/35	
Max. operating pressure-Main (kN)		100	
Max. Operating Pre. Pressure-Tamp.(kN)		30	
Max. Tablet Diameter (mm)	25	16	11
Max. Tablet Thickness (mm)		8.5	
Depth of fill (mm)(With Three Different Lower Track)	4.5-108.5-1412.5-186mm (1st Layer Bi-Layer)		
Upper punch entry Main (mm)		1 To 8	
Upper punch entry Pre-compression(mm)		1 To 6	
Main Electric Motor (kW/hp)		11.25/15, x 1440 RPM	
Main Press Roll Servo Motor(kW/hp)	0.750/1.0 x 3000 RPM - 2 Nos. = 1.50/2.0 kW/hp		
Pre. Press Roll Servo Motor(kW/hp)	0.4/0.5364 x 1440 RPM - 2 Nos. = 0.8 /1.07 kW/hp		
Weight Adj. Servo Motor(kW/hp)	0.750/1.0 x 3000 RPM - 2 Nos. = 1.50/2.0 kW/hp		
Feeder Electric Motor (kW/hp)	0.37/0.50 x 1440 RPM - 2 Nos. = 0.74/1.0 kW/hp		
Auto Lubrication Pump Electric Motor (kW/hp)	0.08 / 0.12 x 1350 RPM		
Hopper Capacity		20 Litres	
Overall dimensions(Close guard) cm		161L x 187W x 201H	
Overall dimensions(Open guard) cm		266L x 266W x 209H	
Case dimensions (cm)		180L x 185W x 225H	
Net weight (kg)		Approx. 4500	
Gross weight(kg)		Approx. 5000	
Utilities :	1) Suction Air :-		300 CFM / for Bi Layer 600 CFM
	2) Compressed Air :-		7 Kg/Sq.cm (7 Bar)
	3) Power Supply :-		415 V, 3 Phase, 50 Hz 480 V, 3 Phase, 60 Hz 220 V, 3 Phase, 60 Hz
	4) Total Power :-		15.87 kW/ 21.19hp

* 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.



MANUFACTURED BY:



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