



F 210

BI-LAYER
MINI PRESS R&D

TABLE TOP SQUARE cGMP SINGLE ROTARY TABLET PRESS (For R & D)
R&D TABLET PRESS WITH LOAD CELL AND GRAPHICAL FORCE DISPLAY
With 65 KN Main Compression & 10 KN Pre Compression
F 210 - 9 D Tooling/ F 210-11 B Tooling/ F 210 - 5+5 D+B Tooling
Combo Models - 4D+4B+4BB/5D+5B+5BB/6D+6B



Single Layer



Double Layer



Mups



TABLE TOP SQUARE cGMP SINGLE ROTARY TABLET PRESS (For R & D)
R&D TABLET PRESS WITH LOAD CELL AND GRAPHICAL FORCE DISPLAY
With 65 KN Main Compression & 10 KN Pre Compression
F 210 - 9 D Tooling / F 210-11 B Tooling / F 210 - 5+5 D+B Tooling
Combo Models - 4D+4B+4BB/5D+5B+5BB/6D+6B

SALIENT FEATURES

- Compact, Heavy Duty & Sturdy Construction base Machine
- Ideally Suitable for R & D plants, Pilot scale production, High value Low Volume production.
- Fully cGMP compliant Tablet Press in Terms of Design, Metallurgy, Easy Accessibility etc.
- Direct Drive to Turret fitted with Heavy duty Gear Box.
- High Torque Main Motor ensures smooth functioning at high Compression force.
- Main Motor control with AC variable Frequency Drive.
- Machine with Force Feeder System by Default.
- Machine with Gravity Feeding System (OPTIONAL)
- Both Feeder Motor controls with Separate AC variable Frequency Drive.
- Mode Selector Switch for PLC / BYPASS.
- START / STOP / JOG / FEEDER CONTROL Switches.
- Emergency Stop.

SPECIAL FEATURES:

- Different sized Both Main & pre Compression Roller
- Capacity of 6.50 Ton for Main Compression station
- Capacity of 1 Ton for Pre-Compression station
- Load cell for Main Compression Force Measurement
- Load cell for Pre Compression Force Measurement
- Pneumatic System for First Layer Sampling
- Ejection Force Measurement with Load cell (OPTIONAL)
- Machine with PLC Control System
- 7" Touch Screen as Operating Interface
- Force Display for each Punch During each Operation for Main Compression
- Force Display for each Punch During each Operation for Pre Compression
- Printing facility (Batch / Audit & Alarm)
- Multi users login credential.
- Graphical & Numerical individual punch force data.



TECHNICAL SPECIFICATIONS

TYPE	accura F 210BL-D	accura F 210BL-B	accura F 210BL-DB
Number of Station	9	11	5+5
Type of Tooling (As per EU1)	D	B	D+B
Output-tablets/hour (Min / Max.)	5400 / 13500	6600 / 16500	3000 / 7500
Turret RPM (Min. - Max.) (Single Layer)	10 - 25		
Max. Operating pressure-Main (Max.)	65 kN (6.5 Ton)		
Max. Operating pressure-Pre. (Max.)	10 kN (1 Ton)		
Max. Tablet Diameter (mm)	22	16	22+16
Depth of fill (mm)	20	17.5	20+17.5
Upper punch entry Main (mm)	1 To 6.....		
Upper punch entry Pre-Compression(mm)	1 To 10.....		
Main Ele. Motor (kW/hp)	2.25/3, x 1440 RPM.....		
Force feeder Motor (kW/hp)	0.025/0.034 x 2 = 0.050/0.066.....		
Hopper Capacity	2 Litres/Hopper (Total 2 Nos. Hopper).....		
Overall Dimensions (Close guard) cm	95L x 84W x 145H.....		
Case Dimensions (cm)	120L x 100W x 155H.....		
Net weight (kg)	Approx. 880.....		
Gross weight(kg)	Approx. 1100.....		
Utilities :	1) Suction Air :- 150 CFM , Nos.2		
	2) Compressed Air :- 5 kg/cm2 (5 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):- 2.30/3.066		

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