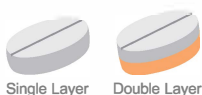


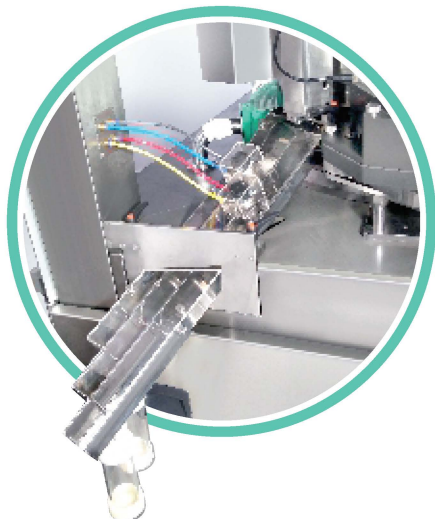


F7200 | HIGH SPEED DOUBLE ROTARY TABLET PRESS

WITH PRE-COMPRESSION 10 TONS & MAIN COMPRESSION 10 TONS
51 STN "D" Tooling/ 65 STN "8" Tooling/ 77 STN "88" Tooling/ 81 STN "BBS" Tooling
Maximum Output - 7,77,600 Tablets/ Hour
WITH INTERCHANGEABLE TURRET
AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL
AUTO TABLET REJECTION THROUGH COMPACTION FORCE CONTROL



WITH PRE-COMPRESSION 10 TONS & MAIN COMPRESSION 10 TONS
51 STN "D" Tooling / 65 STN "B" Tooling / 77 STN "BB" Tooling / 81 STN "BBS" Tooling
Maximum Output - 7,77,600 Tablets / Hour
WITH INTERCHANGEABLE TURRET
AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL
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SALIENT FEATURES

- Double Rotary Tablet Press With Interchangeable Turret. (In Compliance with cGMP.)
- Specially designed heavy C.I. Structure. Heavy Duty Directly driven Torque Drive(35 Hp.) with AC VFD.
- 3 Piece Turret With Die - Table SS-316 & Upper & Lower Piece Electro-Les Nickel Plated.
- Motorized Lower Pre- Compression of 10 TONS. (100 KN)
- Motorized Lower Main Compression of 10 TONS. (100 KN)
- Manual Upper Pre & Main Punch Penetration system (2mm - 8 mm).
- Motorized Dozzer, for precise Depth of Fill adjustment.
- Motorized force feeder with AC VFD & with Zero Clearance, Three Paddles Force Feeding System.
- Load cell at Pre- Compression & Main Compression.
- Fully Computerized PLC Based Industrial PC, having 19" Colour Touch Screen Control.
- Vibration free and easy to operate at 80 RPM.
- Machine is Four Side open with interlock switches to all acrylic upper guards & SS-304 Lower guards.
- Sliding Type Per & Main Upper Pressure Roll Assembly.
- With Easy Turret Exchangeable Turret Facility.
- Initial Start up & Stop Rejection. & Auto Sampling based on, either time or revolution or punch nos.
- Any Turret of D-B-BB-BBS Tooling which is a part of this F-7200 model can be fitted.
- Auto Weight Control & Single Tablet Rejection Through Compaction Force Control - CFC. (AWC & AFR).
- Encoder System for Better Accuracy.
- Powder Level Sensor @ Hopper and @ Force feeder (Low level sensor).
- Auto Lubrication.
- Graphical appearance of the value of pressure on individual punch at pre and main pressure.
- Recipe management & 'n' No. of recipe storage.
- Audit trail reports, and pen drive connectivity with printing facility.
- The after sales, PLC Complaints can be carried out by internet Thru Team Viewer.
- Bi-Layer System. (Optional)
- Turret Lifting by External Hydraulic Jack Trolley. (Optional)
- Turret Resting Trolley. (Optional)
- Ejection Force Monitoring Available with CFC System. (Optional)

Software art of F 7200

- Auto weight control available through Compaction force.
- System is 21 CFR part 11 Compliance.
- Multi users password and user authorization.
- Individual users access rights.
- Encoders for counting all the parameters.
- Individual tablet rejection(beyond weight) through compaction force.
- **"accura mode"** for eliminating weight variation at higher speed.
- 19" 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.
- Auditable reports and history.
- Individual punch force details.
- Auto printing option.
- Operating SOP, Cleaning Procedure, Maintenance Guide, Electrical Drawing & Pneumatic Drawing Available in IPC as a PDF Form.



Safety features of F 7200

- Emergency Stops switches for four side of the machine.
- Motors overload precaution.
- AC VFD overload precaution.
- Servo motors movement notification.
- Servo motors safety precaution.
- Fill cam identification.
- Tooling safety features.
- 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.
- Feeder jamming sensor.
- Hopper powder level low/feeder powder level sensor.



F7200

HIGH SPEED DOUBLE
ROTARY TABLET PRESS

WITH PRE-COMPRESSION 10 TONS & MAIN COMPRESSION 10 TONS

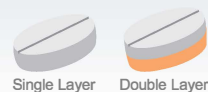
51 STN "D" Tooling / 65 STN "B" Tooling / 77 STN "BB" Tooling / 81 STN "BBS"

Tooling Maximum Output - 7,77,600 Tablets / Hour

WITH INTERCHANGEABLE TURRET

AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL

AUTO TABLET REJECTION THROUGH COMPACTION FORCE CONTROL

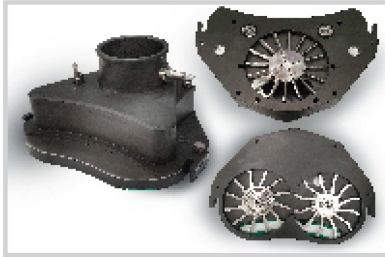


Single Layer

Double Layer

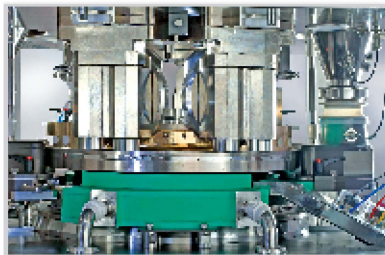
F7200 | HIGH SPEED DOUBLE ROTARY TABLET PRESS

WITH PRE-COMPRESSION 10 TONS & MAIN COMPRESSION 10 TONS
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AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL
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ADVANCE FEEDING SYSTEM

3 PADDLE FEEDING SYSTEM
EASY TO OPEN, WITHOUT TOOLS
FEEDER POWDER LOW LEVEL ALARM



SOFT START

- SOFT START PICTURE ROLLS & PUNCHES-TO
RELEASE OVERLOAD ON PUNCH PRESSURE
- DURING HIGH COMPRESSION FORCE, PRESSURE ROLLS AUTOMATIC
RELEASE THE PRESSURE
- THIS IMPROVE THE LIFE OF PRESSURE ROLLS TOOLING & MOTOR EFFICIENCY



NOW COMPRESS WITH TORQUE

- TORQUE MOTOR
- POWER FULL MAIN MOTOR IN SMALL PLACE
- POWER DENSITY
- HIGH SPEED
- ACCURATE PRECISION(INBUILT ENCODER)
- MAINTENANCE FREE
- DIRECT ATTACH WITH MAIN SHAFT
- NO REQUIRE GEARBOX & ITS MAINTENANCE

CONTROLLING FEATURES



- CFC & AFR (AUTO FORCE REJECTION) AVAILABLE
- 18" TOUCHSCREEN IPC WITH 500GB INTERNAL MEMORY
- SINGLE TABLET REJECTION BEYOND WEIGHT LIMIT
- 21CFR PART 11 COMPLIANCE
- PRE&MAIN COMPRESSION FORCE MONITORING SYSTEM
- LOWER PUNCH TIGHTNESS
- EJECTION FORCE MEASURING
- UPPER PUNCH TIGHTNESS
- INITIAL M/C START/STOP AUTO REJECTION
- SOFT START
- RECIPE REPORTS
- BATCH REPORTS
- AUDIT REPORTS
- ALARM REPORTS
- "ACCURA" AWC MODE
- PRINTING FACILITY ALL REPORTS
- AUTOMATIC ENCODER CALIBRATION
- GRAPHICALLY BAR GRAPH & PUNCH FORCE SCREEN
AVAILABLE WITH PRINT OPTION
- MINIMUM TIME TO SET NEW PRODUCT
- SAMPLING BASED ON PUNCH NO/ NO OF TABLET / TIME INTERVAL

WITH PRE-COMPRESSION 10 TONS & MAIN COMPRESSION 10 TONS

51 STN "D" Tooling / 65 STN "B" Tooling / 77 STN "BB" Tooling / 81 STN "BBS" Tooling
Maximum Output - 7,77,600 Tablets / Hour

WITH INTERCHANGEABLE TURRET

AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL

AUTO TABLET REJECTION THROUGH COMPACTION FORCE CONTROL

PRODUCT SPECIFICATIONS

TYPE	F 7200 - 51 D	F 7200 - 65 B	F 7200 - 77 BB	F 7200 - 81BBS
Number of Station	51	65	77	81
Type of tooling (As Per EU1)	D	B	BB	BBS
Output-tablets/hour (Min./Max.) (Single Layer)	30600 / 490000	39000 / 624000	46200 / 739200	145800 / 777600
Output-tablets/hour (Min./Max.) (Bi-Layer)	15300 / 122400	19500 / 156000	23100 / 184800	24300 / 194400
Turret RPM (Min./Max.) (Single Layer)	5/80			
Turret RPM (Min./Max.) (Bi-Layer)	5/40			
Max. Operating pressure-Main (kN)		100		100 **
Max. Operating Pre.Pressure-Tamp.(kN)		100		100 **
Max. Tablet Diameter (mm)	25	16	13	11
Max. Depth of fill (mm)	20	18	18	18
Max. Tablet Thickness (mm)		8.5		
Upper punch entry Main (mm)		2 to 8		
Upper punch entryPre-compression (mm)		2 to 8		
Main Torque Drive Ele. Motor (kW/hp)		26kW/35hp x 100 RPM		
Main & Pre- Press Roll Servo Motor (kW/hp)		0.75/1.0 x 3000 RPM x 4 Nos. = 3.0 / 4.0 kW/hp		
Weight Adj. Ele. Motor (kW/hp)		0.75/1.0 x 3000 RPM x 2 Nos. = 1.50 / 2.0 kW/hp		
Feeder Ele. Motor (kW/hp)		0.37/0.50 x 1365 RPM x 2 Nos. = 0.74 / 1.0 kW/hp		
Hopper Capacity		19 Litres		
Overall dimensions close guard-cm		208 W x 179 L x 215 H		
Overall dimension Open guard -cm		309 W x 309 L x 215 H		
Case dimensions (cm)		245 W x 220 L x 225 H		
Net weight (kg)		6400 Kg.		
Gross weight(kg)		6800 Kg.		
Utilities :	1) Suction Air :- 300 CFM (Qty. - 01 for Single Layer) - 300 CFM (Qty.- 02 for Bi Layer)			
	2) Compressed Air :- 7Kg/Sq.cm (7 Bar)			
	3) Power Supply :- (a) 415V, 3 Phase, 50 Hz			
	(b) 480V, 3 Phase, 60 Hz			
	(c) 220V,3 Phase,60 Hz			
	4) Power-Total (kw/hp) :- 31.24kW / 42hp			

* 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.



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WITH INTERCHANGEABLE TURRET

AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL

AUTO TABLET REJECTION THROUGH COMPACTION FORCE CONTROL

1.	Anti-Vibration Mounting
2.	S.S. Lower Guards
3.	Acrylic Upper guards
4.	Hopper
5.	Discharging Chute
6.	Cooling fan with wire mesh
7.	Machine Light
8.	Emergency Stop push button
9.	Dust extraction outlet Nozzle
10.	Computerized control Panel
11.	Operator terminal with 15" Touch Screen
12.	Air Inlet
13.	Inbuilt Ele. Panel Box (Swing type)
14.	Main Switch

Note:- All Dimensions are in mm.

