



F-4000 | 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
INTERCHANGEABLE TURRET
AUTO WEIGHT THROUGH COMPACTION FORCE CONTROL
AUTO TABLET REJECTION THROUGH COMPACTION FORCE CONTROL
SUITABLE & SPECIALLY DESIGN FOR EFFERVESCENT PRODUCT

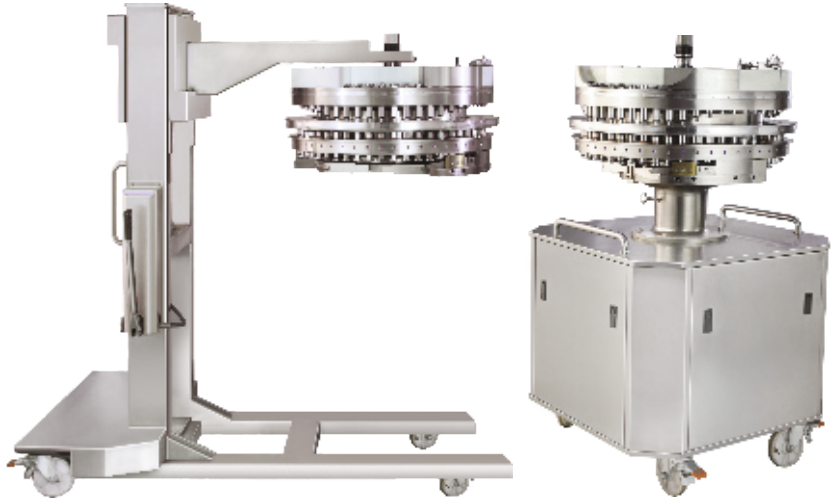


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SALIENT FEATURES

- Single Rotary Tablet Presses with interchangeable turret.
- In compliance with cGMP.
- Motorized Pre compression of 10 Tons. (100 KN)
- Motorized Main compression of 10 Tons. (100 KN)
- Motorized Dozzer, for precise depth of fill adjustment.
- Industrial PC, having 15" colour touch screen.
- Load cell at Pre-Compression & Main-Compression.
- Four sides open with upper & lower Guards.
- For controlling RPM AC Variable Drive
- Three paddle Zero Clearance Force feeder.
- Vibration free and easy to operate at 75 RPM.
- Sliding type Pre & Main upper pressure roll assembly.
- Sampling & startup rejection.
- Sturdy Structure design with four column.
- Auto weight through compaction force control
- Auto tablet rejection through compaction force control
- Upper punch penetration at Pre & Main.
- Conformity of 21CFR part11 Compliance.
- Suitable & Specially design for effervescent Product.



Software part of F-4000

- Auto weight control available through Compaction force.
- System is 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 minimize 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.



Safety features of F-4000

- 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.

Benefits of SCADA :

- 1). Report Generation in PDF
- 2). Use of unlimited storage of PC (Particularly) 'n' number 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



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

FUTURE BEACON

<https://future-beacon.co>

- 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 reject, good & sampling gate.
- The set parameters and the actual parameters can be visualized on the screen, at the same time.



