

정제 타정기 – Tablet Press Machine



Since 2010

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Main benefits of the DTP range

- Perspex case
- Compact footprint
- Trustworthy
- Electric powered
- Wide raw material compatibility
- Low-maintenance
- Low consumption (200g minimum batch)
- Adjustable speed
- Adjustable tablet diameter, depth and hardness
- Option to stamp designs on tablet

Specifications

Product	DTP12	DTP25
Number of dies	1	1
Max pressure (kn)	50kn	50kn
Max diameter of tablet (mm)	12	25
Max fill depth (mm)	20	20
Max thickness of tablet (mm)	8	8
Tablets produced per hour	3,600	3,600
Number of filling stations	1	1
Double layered tablet	No	No
Motor (kw)	1.1kw	1.5kw
Number of phases	1	1
Volts	220v	220v
Weight (kg)	220v	220v

The DTP range consists of two machines the DTP-12 & the DTP-25. They are both single punch desktop format tablet presses that offers a fully enclosed Perspex case. They are the ideal solution for research and development or educational applications.

If you're looking for a tablet press that will help you develop new tablets, the DTP's ability to produce a wide range of tablet sizes in small volumes means that these are the machines for you. Created to suit the needs of lab and developmental work, rather than large scale production, the appeal of this design lies in its capability to adhere to health and safety protocol in the majority of situations. For all of these points the DTP range is a popular choice for use in research laboratories and educational institutes or any location where flexibility, simplicity of use are at a premium.

CPR-6



+ Compressing area placed on the front side of the machine, duly protected by safety panel in plexiglass with microswitches.

+ Driving area on the back containing the moto-reducer and manual control for the tablet formation; this area is totally included in a stainless steel cabinet preventing the powder to enter in this area.

+ Cabinet placed on top of the machine including all electrical components, inverter and multi-voltage connection.

• STATIONS NUMBER	1
• MAXIMUM TABLET DIAMETER	16 mm
• MAXIMUM COMPRESSION FORCE	2.5 t
• DEPTH OF FILL	17 mm maximum
• TABLETS/HOUR	adjustable 0 ÷ 2.500
• UPPER PUNCH PENETRATION	0-8 mm
• HOPPER	open gravity feeder
• MOTOR POWER	0,37 KW
• SPEED CONTROL	variable by means of inverter
• ELECTRICAL SPECIFICATIONS	230 V - 50 Hz - single-phase or 110 V - 60 Hz or 230 V - 60 Hz
• NET WEIGHT	80.00 Kg
• SIZE	350 x 510 x 760 H. mm

Tablet Pres Machine



EP-200 AWC



EP-200 L AWC



EP-400 AWC



EP-500 AWC



EP-700 AWC

	EP 200	EP 200L	EP 400	EP 500	EP 700
Type of Machine	Single	Bi layer press	Double	Single	Double
Station	8D/10B/12BB	9D/11B/5+5 (D+B)	27D/35B/45BB	32D/38B/45BB	51D/61B/75BB
Drive Type	Direct Shaft mounted	Direct Shaft mounted	Direct Shaft mounted	Direct Shaft mounted	Direct Shaft mounted
Pre Comp.	60KN	30KN-1 st Layer	20 KN	100KN	100KN
Main Comp.	60KN	60KN-Bi Layer	100KN	100KN	100KN
Bi Layer tablet	NO	YES	YES	NO	YES
Power	3HP	3HP	10HP	15HP	15HP
Dimension (WxDxH)	558 x 897 x 1363	558 x 897 x 1363	1003 x 1103 x 1900	1640 x 1590 x 1950	2097 x 1885 x 2462

EP-200AWC



- ❑ Ideally suited for R &D plants, Pilot scale tablet compression, High value low volume products, Non Pharma applications, Pharmacy colleges.
- ❑ Turret made of SGI Casting ASTM A536 (GGG 40) with Electroless Nickel Plating.
- ❑ Direct drive to the turret through a high torque reduction gear box and ACVFD.
- ❑ Optional AFR feature to reject defective tablet by compression force measurement

Models	EP 200 (AWC)
Tablet Rotary Type	Single
No. of Stn.	8/10/12/5+5
Tooling	D/B/BB/D+B
Output (Tabs/Hr.)	14,400/18,000/21,600/9,000

EP-200LAWC



- ☐ AWC control & AFR features available
- ☐ 21 CFR compliance in total
- ☐ User friendly Panel PC inter phase with TWINCAT data processor
- ☐ Auto Hard tablet sampling of 1st layer during bi layer tablet compression
- ☐ Independent ACVFD for each force feeder in single and bi layer mode

Models	EP 200L (AWC)
Tablet Rotary Type	Single
No. of Stn.	9/ 11/ 13/5+5
Tooling	D/ B/BB/D+B
Output (Tabs/Hr)	16,200/ 19,800/23,400/ 9000

EP-400AWC



- ❑ AWC control for single layer and bi layer with independent layer weight control by force measurement
- ❑ CFR 21 compliance in total
- ❑ User friendly Panel PC inter phase with TWINCAT data processor
- ❑ Auto Hard tablet sampling of 1st layer during bi layer tablet compression
- ❑ Independent ACVFD for each force feeder in single and bi layer mode

Models	EP 400 (AWC)
Tablet Rotary Type	Double
No. of Stn.	29/ 37/ 45
Tooling	D/ B/ BB
Output (Tabs/Hr)	174,000/ 222,000/ 270,000

EP-500AWC



- ❑ Heavy duty structure & frame for high compression force application
- ❑ 100KN compression force capability in Pre and Main compression
- ❑ Fixed turret single sided tablet press with 32D, 37B & 45B B stations.
- ❑ Servo drive and motor drive weight control and thickness control backed by encoder
- ❑ Panel PC with CFR 21 compliance & data acquisition in SCADA.
- ❑ Compression of MUPS with suitable feeding system

Models	EP 500 (AWC)
Tablet Rotary Type	Single
No. of Stn	32 / 38 / 45
Tooling	D / B / BB
Output (Tabs/Hr)	153,000 / 182,400 / 216,000

EP-700AWC



- ❑ Heavy duty structure & frame for high compression force application
- ❑ 100KN compression force capability in Pre and Main compression
- ❑ Double sided press of 51D/61N & 75BB turret
- ❑ Servo drive and motor drive weight control and thickness control backed by encoder
- ❑ Panel PC with CFR 21 compliance & data acquisition in SCADA

Models	EP 700 (AWC)
Tablet Rotary Type	Double
No. of Stn.	51 / 61 / 75
Tooling	D / B / BB
Output(Tabs/Hr) - single layer	459,000/ 549,000 / 675,000