



Rotary Tablet Press Machine

The pill press machine is mainly used in the pharmaceutical industry. It is an automatic continuous production equipment pressing a granular material into a diameter not longer than 13mm, a shaped tablet with text, symbols, and graphics. All models feature a rotary compression design, integrating precision upper/lower punches, robust turrets, and adjustable pressure controls to ensure uniform tablet hardness, weight, and thickness.

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Rotary Tablet Press Machine ZP-9



It is a compact and reliable machine made for small-batch tablet production. This pill press is ideal for pharmaceutical, health care, and chemical industries, as well as labs and R&D settings. With stable performance and easy control, it produces tablets with consistent shape, weight, and hardness.

This machine uses a rotary system to press tablets quickly and smoothly. You can adjust pressure and speed to control the thickness and hardness of the tablets to meet your production needs. ZP-9 comes with a touch screen that is simple to use and supports multiple languages. The design follows strict GMP standards to ensure safety and cleanliness. Its modular structure allows quick cleaning and easy part replacement, reducing downtime and maintenance costs.

Features



✓ **Flexible tablet sizes and shapes:** The machine presses round, shaped, or engraved tablets from 4–12 mm in diameter and up to 6 mm thick.

✓ **Adjustable pressure & filling:** It supports max pressure of 40 kN. It is also easy adjusted for tablet weight, thickness, and hardness.

✓ **Stable output:** This rotary pill press could produces up to 21,600 tablets per hour with consistent quality.

✓ **User-friendly operation:** The machine allows simple handwheel controls for adjusting filling and thickness. It is equipped with clear interface and easy cleaning design.

✓ **Clean & safe build:** With fully enclosed stainless-steel casing, it not only meets GMP standards but also keeps tablet area clean easily.

Technical Parameters

Model	ZP-9
Punch quantity	9 Set
Max Output	16,200 pcs/h
Max Tablet Pressure	40 kN
Max Tablet Diameter	12 mm
Max Tablet Thickness	6 mm
Max Filling Depth	15 mm
Turntable Working Diameter	200 mm
Turntable Speed	0-40 r/min
Max Filling Depth	15 mm
Overall Dimensions	Length: 475mm Width: 465mm Height: 1,030mm Weight: 230kg

Rotary Tablet Press ZP-D



The ZP-D series rotary tablet press offers efficient and accurate tablet-making solutions. The series includes four models: ZP-29D, ZP-19D, ZP-17D, and ZP-15D. These machines are good for making medium to large batches of tablets. They feature easy use and maintenance. The ZP-D series uses a rotary system and a precise control system for processing. They keep each tablet consistent and high in quality. The machines can adjust tablet hardness and thickness by changing pressure and speed. This helps meet the needs of different products.

Each model has a simple touch screen (HMI) that supports multiple languages for easy operation. The machines are made according to GMP standards to keep the process clean and safe. Their modular design makes it easy to clean and change parts. It helps you reduce downtime and save maintenance costs.



Features

✓ **Efficient design:** The machine uses rolling friction on the pressing wheels. This helps lower resistance and saves power.

✓ **Easy controls:** You can easily adjust the filling amount, tablet thickness, and rotation speed according to your production needs.

✓ **Clean and safe:** The pressing area is fully enclosed and sealed. This stops dust and oil from mixing and keeps the working area clean.

✓ **Dust removal:** The machine includes its own vacuum cleaner to collect dust, making the machine run smoothly.

Specifications

Model	ZP-15D	ZP-17D	ZP-19D	ZP-29D
Punch quantity	15 Set	17 Set	19 Set	29 Set
Max Tablet Pressure	60kN			80kN
Max Tablet Diameter	22 mm	20 mm	13 mm	25 mm
Max Tablet Thickness	6 mm			
Max Filling Depth	15 mm			
Max Production Capacity	35,000 pcs/h	40,000 pcs/h	42,000 pcs/h	12,5000 pcs/h
Depth of Middle Punch	22 mm			
Overall Dimensions	Length: 615mm Width: 890mm Height: 1,415mm Weight: 1,000kg			Length: 1,230mm Width: 950mm Height: 1,670mm Weight: 1,700kg

High Speed Tablet Pill Press Industrial Machine ZP-H



The ZP-H series is made to meet the modern needs of the pharmaceutical industry. This tablet press is fast, accurate, and easy to use. It works well for manufacturing many kinds of tablets, such as plain tablets, sugar-coated tablets, and calcium tablets. The machine can also press both round and special-shaped tablets. It keeps tablet size and weight consisten for good product quality. The ZP-H series is a smart choice for large-scale tablet production. It is ideal for companies that need high output and steady quality.



Features

✓ **Flexible tablet size:** It can press materials with less than 10% powder into round, special-shaped tablets from 4–12 mm in size.

✓ **Strong turntable design:** It includes top and bottom bearings, a main spindle, and two plates with nine punch sets spaced evenly.

✓ **Efficient track system:** It comes with upper and lower tracks, pressing wheels for smooth tablet forming.

✓ **Adjustable filling system:** You can control how much material goes into each tablet during production.

✓ **Tablet thickness control:** It allows you to adjust the thickness and hardness of tablets easily and quickly to meet your production needs.

Technical Parameters

Model	ZP-26H	ZP-32H	ZP-40H
Dies	26	32	40
Max Output	160,000 pcs/h	210,000 pcs/h	260,000 pcs/h
Max Tablet Pressure	80 kN	80 kN	100 kN
Max Tablet Diameter	25 mm	16 mm	13 mm
Max Depth of Filling	20 mm	16 mm	16 mm
Overall Dimensions	Length: 1,120mm Width: 930mm Height: 1,900mm Weight: 1,650kg	Length: 1,120mm Width: 930mm Height: 1,900mm Weight: 1,650kg	Length: 1,120mm Width: 930mm Height: 1,900mm Weight: 1,650kg

Single Punch Tablet Press Machine TDP-1.5



This model has excellent performance, strong adaptability, convenient use and easy maintenance. It is small in size, light in weight, and can also be operated manually to press tablets when there is no electricity. The machine is equipped with only one set of punches and dies; the filling depth of materials and the thickness of pressed tablets can be adjusted. It can meet the requirements of the pharmaceutical industry for pressing various Chinese and Western medicine tablets and the requirements of other industries for pressing various similar products, and is well received by users in various industries.



Features

✓ **Practical Tableting Function:** Can press powder and granular raw materials into tablets, suitable for the requirements of pressing various Chinese and Western medicine tablets in the pharmaceutical industry and similar products in other industries.

✓ **Excellent and Flexible Performance:** Stable performance, strong adaptability, can be operated manually when there is no electricity, without relying on power supply.

✓ **Compact and Easy to Maintain:** Small in size, light in weight, convenient to use and easy to maintain, reducing use and maintenance costs.

✓ **Convenient Adjustment:** Equipped with only one set of punches and dies, the filling depth of materials and the thickness of pressed tablets can be flexibly adjusted to meet diversified tableting requirements.

Technical Parameters

Model	TDP-1.5
Max. press strength	15kN
Max. tablet diameter	12mm
Max. filling depth	12mm
Productive capacity	About 4500 pcs/h
Motor power	About 75W
Motor Power (kW)	(single phase 0.55) (three phase 0.37)
Motor speed	1400 r/min
Weight	90kg
Length*width*height	560*350*610mm

TDP-5 Single Punch Tableting Machine



The TDP-5 single punch tablet press can press powder and granular raw materials into tablets, and is widely applicable to pharmaceutical factories, chemical plants, food factories, hospitals, scientific research units, laboratory trial production and small-batch production.

This model has excellent performance and strong adaptability—it is easy to use and maintain, small in size and light in weight, and can also be operated manually to press tablets when there is no electricity. Multi-purpose machine—molds can be replaced.



Features

✓ **Precise Tableting Function:** It can press powder and granular raw materials into tablets. Through the mechanism design that converts circular motion into linear motion, combined with upper and lower molds, it ensures that the tableting shape and precision meet the standards, and the reaction force is absorbed by the machine body, ensuring stable operation.

✓ **Stable output:** This single-punch tablet press can produce up to 4,500 tablets per hour, and the tablet quality is consistent.

✓ **Multi-functional and adaptable:** The interchangeable molds can meet the pressing needs of different specifications and types of tablets, and adapt to diverse production scenarios.

Specifications

Model	TDP-5
Max. press strength	50kN
Max. tablet diameter	20mm
Max. filling depth	18mm
Productive capacity	About 4500 pcs/h
Motor Power (kW)	(single phase 0.75) (three phase 0.55)
Motor speed	1400 r/min
Weight	120kg
Length*width*height	650*440*650 mm

TDP-6 Single Punch Tableting Machine



This model has excellent performance, strong adaptability, convenient use and easy maintenance. It is small in size, light in weight, and can also be operated manually to press tablets when there is no electricity. Equipped with only one set of punches and dies, the filling depth of materials and the thickness of pressed tablets can be adjusted. It can meet the requirements of the pharmaceutical industry for pressing various Chinese and Western medicine tablets and the requirements of other industries for pressing various similar products, and is well received by users in various industries.



Features

✓ **Excellent and Flexible Performance:** Easy to use and maintain, small in size and light in weight, can be operated manually when there is no electricity, without relying on power supply.

✓ **Convenient Adjustment:** Equipped with only one set of punches and dies, the filling depth of materials and the thickness of pressed tablets can be flexibly adjusted to meet diversified tableting requirements.

✓ **Good Reputation:** Adaptable to the needs of multiple industries, with practical operation and stable operation, it is well received by users in various industries.

Specifications

Model	TDP-6
Max. press strength	60kN
Max. tablet diameter	25mm
Max. filling depth	17mm
Productive capacity	About 3,000 pcs/h
Motor Power (kW)	(single phase 1.1) (three phase 0.75)
Motor speed	1,400 r/min
Weight	148kg
Length*width*height	760*360*690 mm

TDP-120D Single Punch Tablet Press

The TDP-120D compresses suitable dry granules into tablets for small-batch production, laboratory work and hospital use. Interchangeable punches and dies support round, shaped and ring tablets, with embossing on both faces. Filling depth, tablet thickness and ejection can be adjusted. With one set of punches and dies, the machine can make up to 2,500 tablets per hour. It suits pharmaceutical, chemical and electronics applications that need controlled small batches.





Features

- ✓ **High compression force:** Up to 120 kN for tablets as large as 50 mm in diameter.
- ✓ **Flexible tablet formats:** Forms round, special-shaped and ring-shaped tablets, with 5–10 mm ring holes.
- ✓ **Adjustable operation:** Filling depth, tablet thickness and ejection can be set for different products.

Specifications

Model	TDP-120D
Max. press strength	120 kN
Max. tablet diameter	50 mm
Max. filling depth / thickness	45 mm / 20 mm
Ring hole / filling depth	5–10 mm / 25 mm
Productive capacity	2,500 pcs/h
Motor power	4.0 kW (3-phase, 380 V)
Weight	335 kg
Length*width*height	800*610*1,430 mm

THDP-3 Single Punch Tablet Press



The THDP-3 is a bench-top single punch press for laboratories and small-batch production. It compresses suitable powders or granules into round or shaped tablets. A worm gear drive transmits power to the pressing mechanism. Pressing force, filling depth and tablet thickness are adjustable. Production capacity is approximately 4,000 tablets per hour.



Features

- ✓ **Compact drive:** Worm gear transmission in a bench-top machine.
- ✓ **Flexible tablets:** Up to 15 mm diameter and 6 mm thickness.
- ✓ **Adjustable settings:** Pressing force, filling depth and tablet thickness.

Specifications

Model	THDP-3
Maximum pressing force	30 kN
Maximum tablet diameter	15 mm
Maximum filling depth	18 mm
Maximum tablet thickness	6 mm
Production capacity	Approx. 4,000 tablets/h
Motor power	0.75 kW
Net weight	42 kg
Gross weight	48 kg
Machine dimensions	450 × 300 × 550 mm



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