

## Commercial proposal

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Author:	Roman Tsibulsky

### Rotary Tablet Press RZ-49

#### DESCRIPTION

Automac rotary tablet press for pressing tablets of salt with a diameter of up to 25 mm. Pressing of single-layer tablets. 49 pairs of press tools are installed. The rotary tablet press is made of stainless steel. The maximum output is 105,000 tablets per hour. At preliminary pressing with effort 2 tons - 52000 tablets at an o'clock. There is access to all parts of the press from all sides. The working area is covered with transparent plastic shields. There is a smooth adjustment of the pressing force and productivity.

The main pressing force is 12 tons. Suitable for the release of tablets with logos. We provide detailed instructions for setting up the press and producing tablets. Before sending to the customer, the press is checked and tested in production. Completeness and working capacity is guaranteed. We maintain a stock of parts and consumables in the warehouse. Price is indicated taking into account customs payments in Russia and delivery to the city of the client.

#### MANUFACTURER - CHINA





## SPECIFICATIONS

Rotary tablet press model "RZ-49"

Number of press tools: 49 pairs

Basic pressing: 120KN (12000 kg / cm<sup>2</sup>)

Maximum diameter of tablets: 25 mm

Depth of backfilling powder in the matrix: 33 mm

Maximum height of tablets: 16 mm

Adjustable rotor speed: 18 rpm

Performance:

Direct compression of 105,000 tablets per hour

With a preliminary pressing of 2 tons of 52,000 tablets per hour

Electric motor: 11 kW, 1440 revolutions / minute, 380V

Overall dimensions: 1150mm x 1150mm x 1900mm

Weight: 3800 kg (with packing of 4500 kg)

 [www.minipress.ru](http://www.minipress.ru)

## ADDITIONAL INFORMATION

High-speed rotary tablet press for the production of tablets in granular powders. Model RZ-49 is an automatic rotary press of the carousel type. The working scheme of the press consists in the transmission, by means of a reducer, of rotation from the electric motor to the pulley, on the axis of which the rotor is located. Rotary tablet press is designed for pressing tablets from granular powder mass. Productivity is regulated, with a maximum of 105,000 tablets per hour. This rotary press model assumes a fully enclosed compartment in an isolated compartment. The purity of finished tablets is provided without creating cross-contamination from the outside. Compartment compression is completely made of stainless steel, in accordance with the requirement of GMP, for the production of medicines. The surface of the rotor is made of chrome-plated steel to avoid wear and tear. The speed control and output are controlled by a frequency converter. The motor is connected to the plate to avoid vibration and shaking during operation. The overload protection device is in the machine to avoid damage from impacts and apparatus, when an overload occurs, the machine stops automatically. The gear drive of the machine adopts a fully enclosed oil lubricant with a long service life to prevent cross contamination. All controllers and devices are located separately from the machine, for ease of use, the machines of the series are protected for broken upper punches. The speed of rotation of the rotor is regulated. We complete this press with molds: matrices of various diameters (from 12 to 25 mm) and punches. Punches with a long body are upper and set to the upper part of the press. Punches with a short body and a long working part are lower and their task is to push the tablet out of the matrix. They are installed at the boom of the press. The press operates in automatic mode. Before switching on the press and starting the work, it is necessary to carefully study the video instruction and familiarize yourself with the principles of its operation. After that, its operation will become clear and simple for you. The press has an electric motor, as well as a debug wheel with a handle. All adjusting works and adjustments are made in manual mode by rotating the wheel. Be careful when connecting the motor, the direction must match the arrow indicated.

**PRODUCTION TIME** 30-40 DAYS

**ESTIMATED DELIVERY TIME** 30-40 DAYS

**PRICE** 72033,90 USD  
**VAT** 12966,10 USD

**VALUE 85000.00 USD**

Payment is made in rubles to the account in Moscow  
at the rate of the RF Central Bank

#### OUR SERVICES FOR CLIENTS:

##### 1) TRAINING OF PRESSING TECHNOLOGY.

To all our customers who purchased equipment, we provide literature on the basics of tablet pressing. We carry out consultations by phone and by correspondence, we help to solve arising difficulties at manufacture on our equipment. We supply spare parts and consumables. We render services in the help on realization of the tablet equipment of the used.

##### 2) WE COMPLETE MANUFACTURE OF TABLETS.

We have a large assortment of additional equipment for tablet production. At the request of the client, we will select a model for the desulphurizer of tablets, a vacuum powder feeding system for press silos, granulators, powder mixers, equipment for coating tablets, printers for printing logos on tablets, packing and packing equipment for tablets.

##### 3) MANUFACTURE OF PUNCHES AND MATRIX.

On a permanent basis, we produce press tools for rotary tablet presses in our own production, we place orders for similar plants in India, China, and the USA.

##### 4) SPARE PARTS SUPPLY

We cooperate with manufacturers of tablet presses and we are engaged in deliveries of spare parts for any model of rotary tablet presses purchased in our company.



*Roman Tsibulsky*

Owner and supervisor

**ROMAN TSIBULSKY**