

# MINIPRESS.RU

Supplier of pharmaceutical equipment in Russia  
Founded in 1999

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## Commercial proposal

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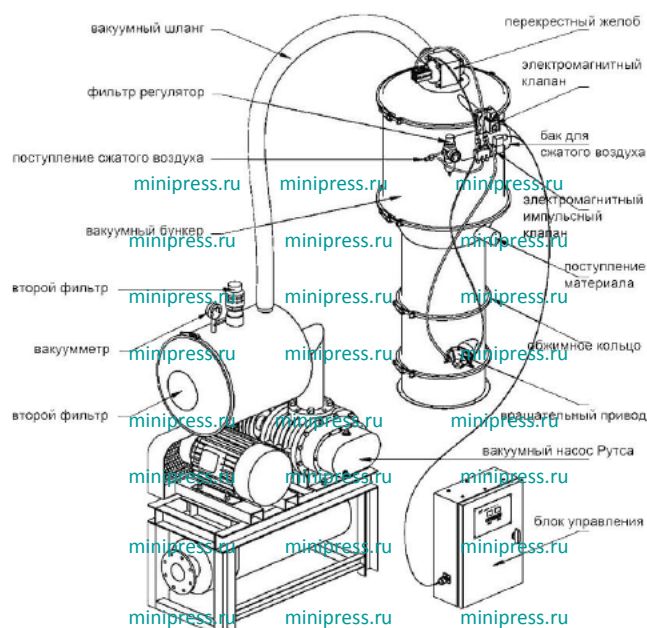
### Vacuum powder conveyor with vortex air pump ZK-06

#### DESCRIPTION

The system of vacuum transport of powders and loose products in which a pneumatic vacuum and vortex air pumps are used. With this vacuum transfer system, bulk materials and powders can be fed from a storage tank to mixers, reactors, hoppers, tablet presses, packaging lines, vibrating screens and other types of pharmaceutical and chemical equipment. The use of this device will facilitate the laboriousness of work processes, put an end to contamination with powder and ensure compliance with GMP requirements.

Productivity from 1000 to 6000 kg per hour. The weight of the kit is 800 kg. Made of high quality stainless steel. We provide detailed instructions for the installation of equipment and drawings of connecting dimensions. Before shipping to the customer, machine is checked and tested in the production. Completeness and working capacity is guaranteed. We maintain a stock of parts and consumables in the warehouse. The price is indicated taking into account customs payments in Russia and delivery to the city of the client.

#### MANUFACTURER - CHINA



ZKS-5/6/7 Принципиальная схема  
Рисунок 3

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## SPECIFICATIONS

### **Vacuum powder conveyor with vortex air pump "ZK-06"**

Maximum productivity in ideal conditions: from 1000 to 6000 kg per hour

Air consumption: 4000 liters per minute

Power: 3 to 7 kW

Diameter of the base: 520 mm

Transporter height: 1300 mm

Power supply: 380V

Weight: 720 kg

Shipping Weight: 800 kg

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## ADDITIONAL INFORMATION

The vacuum system uses a vortex air pump that extracts air. The inlet of the nipple for material absorption and the whole system is made to be in a vacuum state. Bulk materials are absorbed into the branch pipe with ambient air and form a common flow. Passing the absorption tube, the materials enter the hopper, where air and material are separated. Divided materials are sent to the device receiving the materials. In the vacuum feeder unit, a device for opposing blowing with compressed air is installed. Every time the materials are unloaded, the compressed air blows the filter from the opposite side. The powder attached to the filter surface is heated to ensure a normal absorption of the material. The manufacturer provides non-standard connectors for the vacuum conveyor and equipment, the results in the complete transmission of the attached circuit and no leakage, ensures the quality and cleanliness of the working area. Transportable materials: coffee, dextrose, rice, acetylsalicylic acid sodium hydroxide, powdered milk powder, sugar, crushed alumina, detergents, bird feather, tea, aluminum powder, dry paint, soy meal, nuts, wheat flour, boric acid, powder nickel, gelatin powder, pea plant granules, beer malt, yeast, coffee beans, gunpowder, potato flour, fertilizers, cocoa powder, dry glue, all kinds of powder materials. Vacuum filter is a vacuum lifting device, using as a vacuum source a pneumatic vacuum pump. With the help of vacuum, the filters can be fed directly from the container to the mixer, reactor, hopper, at press, investment device, vibrating sieve, drageeing boiler and disintegrator. The use of this device can ease the intensity of work loads, put an end to contamination with powder and ensure compliance with GMP requirements. Compressed air enters the vacuum pump and the discharge hopper. Vacuum filter forms an air flow under vacuum. Controlled by this air flow material is fed into the vacuum hopper through the hose. After a while (the time needed for the process described above) the compressed air is separated, the pneumatic vacuum pump can not generate (generate) a vacuum and a discharge hopper and, controlled by the pneumatic cylinder, opens. Vacuum in the vacuum filter disappears, and the material is automatically fed to the press and the investment device. At the same time, compressed air, trapped in an air bag, blows the filter in the opposite direction, which leads to automatic cleaning of the filter. After a while, the whole process begins and passes a new cycle. Vacuum filter is equipped with automatic control of the level of the feed material.

**PRODUCTION TIME**  
**ESTIMATED DELIVERY TIME**

**30-40 DAYS**  
**30-40 DAYS**

**PRICE** 15254.24 USD  
**VAT** 2745,76 USD

**VALUE 18000.00 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 TO WORK WITH VACUUM TRANSPORTERS OF POWDERS.**

To all our customers who purchased equipment, we provide literature on work with the transportaon of powders and wiring diagrams. We carry out consultaons by phone and by correspondence, we help to solve arising dicules at manufacture on our equipment. We supply spare parts and consumables. We render services in the help on realizaon of the equipment of transportaon of powder used.

**2) WE ACCESS THE PRODUCTION BY VACUUM SYSTEMS OF POWDER TRANSFER.**

We have a large range of addional equipment for working with powder and loose products. At the request of the client, we will select a model for installaon in a line or for a separate machine for picking up powders from containers, or feeding powders into bunkers of devices.

**3) SPARE PARTS SUPPLY**

We cooperate with manufacturers of vacuum conveyors and we are engaged in deliveries of spare parts for the equipment bought in our company.



*Roman Tsibulsky*

Owner and supervisor  
**ROMAN TSIBULSKY**