



How packing machine works: <https://youtu.be/lP-tbzlv5iA>

Seeds packing machine equipped with 6-flow dosing mechanism
<https://youtu.be/hrc8YiBBzxA>

More details about: <https://youtu.be/K-alyRG7kwg>

We offer to your attention the automatic machine for packing of seeds of vegetable and flower crops (and also other loose or small pieces of products of agricultural, food and other industries) in paper bags. The principle of operation of the automatic machine is as follows: empty packages from a cartridge are delivered on a position of loading by a ready dose of a product and further one after another consistently pass the following way: glue drawing on the valve of a package - bending and pasting of the valve - duplication of pasting and drawing on the valve of the necessary information (for example, term of realization) - calculation and giving on an exit tray.

The machine is available with volumetric, weighing or combined weighing and counting dispensers.

The machine can work with bags without bending valves (but there must be an edge for opening the bag) according to the principle of sealing the inner layer with applied polyethylene. To do this, simply cut off the adhesive supply, remove the adhesive head and load the empty bags into the cassette.

Technical Information:

Productiveness in weighing or counting dosing mode (dosage/min.),	
equipped with 4-flow dosing mechanism	20-30*
equipped with 5-flow dosing mechanism	30-40*
equipped with 6-flow dosing mechanism	40-42*
weighing hopper capacity standard, cubic centimeters	53
weighing hopper capacity increased, cubic centimeters	130
weighing accuracy with weighing hopper capacity standard, g	0.01
weighing accuracy with weighing hopper capacity increased, g	0.1
Package size: width, mm	76 - 115
height, mm	130 - 165
Voltage, V	220/380
Engine power, kW	0,75
Average power consumption, kW / h	1,5
Dimensions of machine:(length, width, height), mm	1460*930*1650
Mass, kg	550-950

* Dosage (as well as accuracy) depends on seed type, dose and settings.

<https://youtu.be/QM8KEnnVUg8>

* but not more than the volume of the product than the volume of the weigh hopper

Dosing type	Dosing conditions	Dosing, g
Weighing	the dose is programmable from the remote,	
	the dose weighing readability is 0,01 g with weighing using hopper capacity standard	0,1-10(20)*
	the dose weighing readability is 0,1 g with weighing hopper capacity increased	4-20*
Counting	quantity is programmable from the remote	discreteness of 1 pcs.

* when using an increased capacity dosing unit! Depends on the dosing product.

* but not more than the volume of the product than the volume of weight hopper

Seeds should be dry, well loose, not sticky.

The machines are equipped with a high-quality control system, which consists of the best components from Europe and is based on PLC Siemens, controlled using a touch-screen installed on the front of the control panel. From this display, you can monitor and configure the operation of the machine. Load cells by Flintec (Germany), pneumatic by Festo (Germany), optical sensors by Omron (Japan) are used for production. Compressed air is required for operation.

For packing only large size seeds - from 3 mm to 25 mm (beans, beans, beets, corn, sunflower seeds) in paper bags, glued or hermetically sealed, we offer a special modification: https://youtu.be/_H37UijSwno

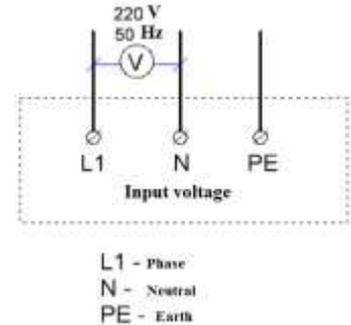
Compressed air is required for operation.

Air consumption, l/min – 35*

* average value

Dosing product have to be seeds, dry, well-flowing, not sticky.
Power supply requirements

1 phase, 220 V between phase and neutral, 50 Hertz electricity network frequency, in accordance with the wiring diagram



Packaging requirements

paper thickness:

- for small bags – not less than 100 g/m²
- for big bags – not less than 115 g/m²

Bag valve sealing could be in 2 ways

by gluing*

*glue drawing on the valve of a package



By heat sealing*

*hot press

in this case material of packets has to be laminated paper or heat-weldable film with a layer of polyethylene



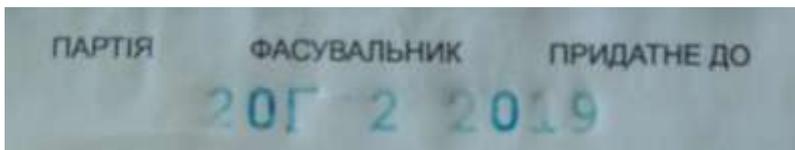
Additional possibilities of Seeds packing automatic machine - https://youtu.be/n_yzjuWVPCU such as:

- discharge conveyor for finished packaged products with grouping function;
- possibility of a combined dosing mode to dose increasing;
- easy adjustment to work with other package sizes;
- cover with safety sensors is installed for safe operation;
- easy switch of dosing mode - counting, weight dosing, combined.

Important information:

1. Stamping - 10 characters per line on a package valve. Two lines (second under the glued valve) - optional.
2. Inkjet printer application - information of any content not exceeding 12.5 mm in total height (one or more lines of text). Distance from package edges - 30 mm on each side. The information is transferred to the printer before starting work from the computer and is stored in the printer's memory for the whole time until the next data transfer from the computer.

Sample date stamped



this is what the stamp looks like



How stamp works -

https://youtu.be/vxTeU_Uj-QI

Built-in inkjet printer.



More information about -

<https://youtu.be/nkkEBPJH6rY>

Sample of inkjet printer applied information.



It can be also integrated with A120 ink jet printer by Domino Printing or Inkjet Printer UX Series by Hitachi e.g.

Machine with additional cover with safety sensors



Conveyor for finished packaged products



How it installs - <https://www.youtube.com/watch?v=ohhGs3q2iFM>