



Semi-automatic Capsule Filling Machine DTJ-Z Pro



DTJ-Z Pro semi-automatic capsule filling machine is the upgraded DTJ-Z model, designed with integration of mechanics, electrics and pneumatics. The whole machine is made of stainless steel 304 and suitable for filling capsule with powder and granular drugs.

1. With accumulated production experience in manufacturing several thousand sets of DTJ-Z Capsule Filling machine, HERUN MACHINERY developed the latest DTJ-Z Pro which can work more efficiently and smoothly. Numerous innovative operational and safety features that streamline the production process and the production speed rises up to 50,000 capsules per hour. The capsule filler can handle all capsule sizes from 000# to 5#. A special design allows the mould charging for different size capsules within 15 minutes easily, simply, and precisely. It can fill material in powder, pellet, or granule forms. Each machine is tested by HERUN MACHINERY laboratory, with failure-free in 10,000 hours of operation.
2. The traditional key switch is replaced with the touch screen, which makes the operation more easy and convenient.
3. The capsule feeding mechanism is made of 100% SS304 instead of the copper one of DTJ-C, which makes the whole production process comply with GMP standard.
4. The empty capsule sowing speed can be adjusted, which reinforces the sowing accuracy according to the real demand. The evident advantage of this machine is that with the 2 capsule sowing nozzle, the productivity is doubled in this stage.
5. The hole on the plate for the capsule is a little inclined instead of 100% vertical, which can reduce to the maximum the sowing error.
6. The whole capsule mould, coated by the black hard alloy that you can see in the picture under the main machine, makes the machine's life doubled.

In a word, with novel structure, elegant appearance and convenient operation, it is the most ideal capsule filling equipment in pharmaceutical industry for small production and laboratory use.

Technical Parameters:

Model	DTJ-Z PRO
Capacity	30000—50000pcs/h
Capsule Size	From 000# to 4#
Filling Material	Powder/small granules
Compressor (included)	0.05m ³ /min 0.7MPa
Vacuum Pump (included)	Suction performance 40m ³ /h
Power Supply	3 phases 2.2KW
Dimension	1.65×0.8×1.75 (m)
Weight	500Kg