

URBAN OUTSOURCING

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KDF-2H Semi-Auto Capsule Filling Machine (Horizontal Type)



GENERAL:

After KD's accumulated production experiences in manufacturing several thousand sets of KDF-2 Vertical Closing Filling machine, KD developed the latest KDF-2H can operate more efficiently and smoothly without damaging the capsules.

This machine filled on powder and can also filled on granules and pellets into the capsules.

FEATURES:

1. All outer casting of the machine including hopper, machine table, etc. and are all made of stainless steel meeting **cG.M.P.** requirements.
2. Infinitely variable speed of filling tablet with independent power and fix point filling that result in accurate dosage..
3. No painting finish on the machine surface thus it can avoid that the paint strip off and mix into the powder, then fill into the capsules.
4. The horizontal closing system is more efficient, safety, and smoothly closes without damaging the capsules.
5. A special design allows for changing mold for different size capsules within 15 minutes easily, simply, and precisely.
6. Simple structure and free of malfunction, easy to maintain and clean.
7. Simple operation, only one operator required, and operating training can done in 10 minutes.
8. Different filling weights can be adjusted without change parts.

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OPERATIONS: There are 3 stations in the KDF-2H and they are as follows:

THE FIRST STATION: ORIENTATION OF CAPSULET

The function of first station includes capsule feeding, aligning and insertion into bores of holding ring . Also, vacuum is used for separating capsule cap and body in first station. After orientation of capsule, capsule cap can stay in upper holding ring and capsule body can stay in lower holding ring.



THE SECOND STATION: POWDER FILLING

Separate the holding ring, put the lower (body) holding ring on the rotary table, pull the powder hopper over the lower (body) holding ring, then auger inside powder hopper starts to run and fill powder into the capsule body. While lower holding ring turns one cycle, push powder hopped to its original position.



THE THIRD STATION: CAPSULE CLOSING

Put upper holding ring and lower holding ring together, then take the holding ring ahead of ejector and aim ejector at the bores of holding ring. Pushing the ejector under the operating table. Then using air cylinder to push ejector and let it press the capsules for closing. Pull out the ejector, and finally pouring the finished capsules into container.

APPLICABILITY:

- 1.Can fill capsule sizes 00-0-1-2-3-4-5.
- 2.Can fill material in powder, pellet, or granule forms.

TECHNICAL DATA:

Capacity	Max. 25,000 Pcs/HR
Power Supply:	AC 220/380V, 50/60 Hz, 3P
Air Consumption	6 kg/cm ² , 125 l/min
Power Consumption:	2.5 kw
Machine Size	145(L)x91(W)x152(H) cm
Packing Size	182x117x179 cm
Net Weight	600 kgs
Gross Weight	740 kgs