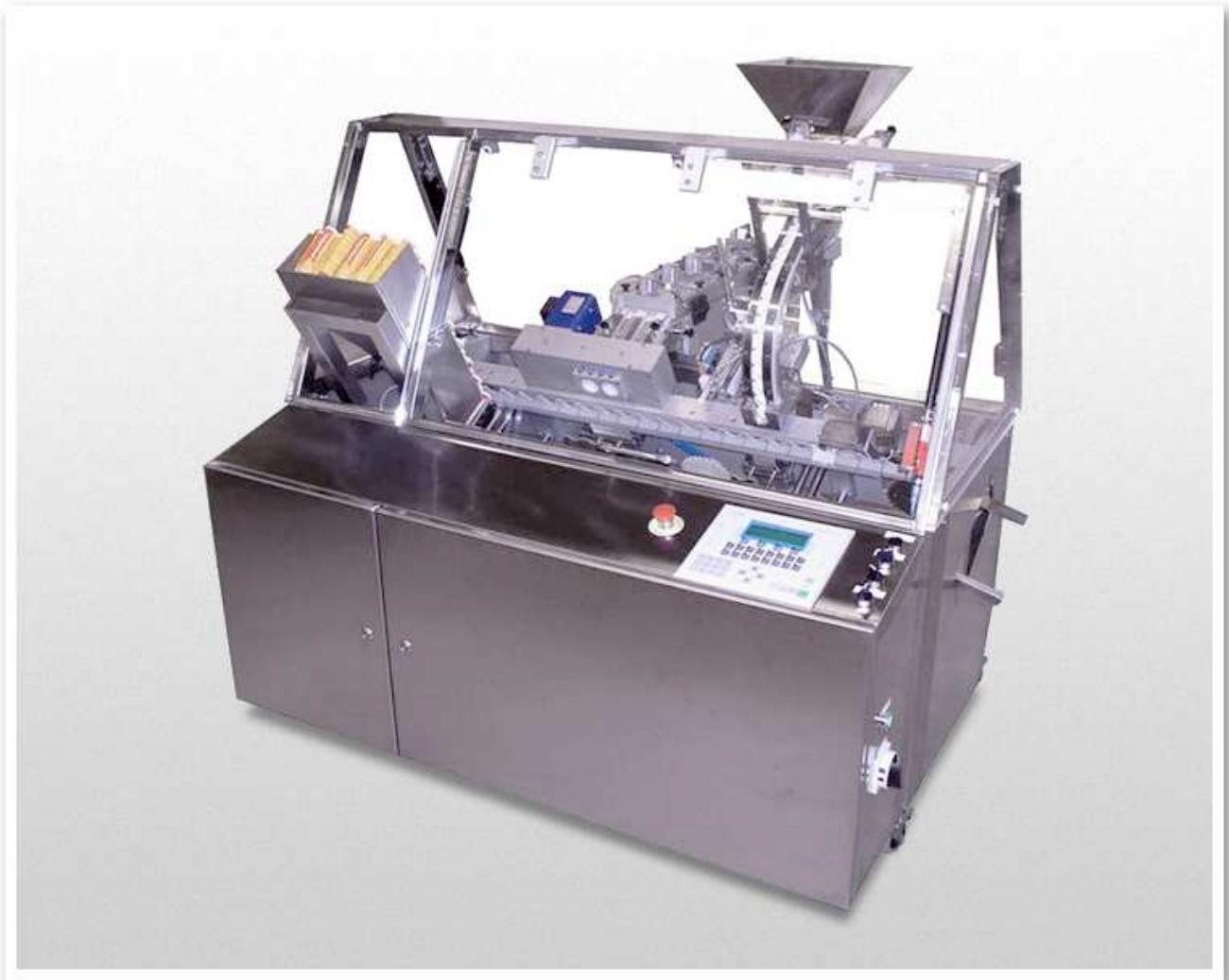


Filling machine F10



Technical data

format range:

| | |
|-------------------|----------------------|
| Tube length: | 55 - 220 mm |
| Tube diameter: | 16 - 40 mm |
| Tablet diameter: | 13 - 35 mm |
| Tube material: | Plastic or Aluminium |
| Tablet thickness: | 3 - 10 mm |

Please observe that the above mentioned intervals can be handled only with more than one set of format parts.

Machine data:

| | |
|--------------------|---|
| capacity: | Nominal up to 10 tubes a minute depending on the number of tablets per tube and the speed of the operator |
| voltage: | 220 V AC zero and earth, 50 Hz |
| power: | appr. 300 W. |
| compressed air: | 6-7 bar, appr. 100 L/minute. |
| dimension lxxhxxw: | 220x130x140 cm |
| weight: | appr. 200 kg. |

General Description

The GORDIC F-10 is a compact and flexible machine, equipped with a SIEMENS PLC which is operated from a control panel where operating instructions, error messages and tube speed, etc. are displayed.

The PLC in combination with pneumatics and mechanics reduces set-up time for the GORDIC F-10 to a minimum and provides flexibility in terms of possible product formats. The unique system for gentle counting and filling of cylindrical tablets in tubes is especially suitable for fragile products like effervescent tablets.

Tablet feeding

Tablets are fed from a vibratory tablet feeder, 20 L, attached on the machine on to a small conveyor belt on where the tablets are counted.

Semi automatic Tube feeding

Tubes are fed from a gravity chute, via one channel, to the tube gate where they are placed. One tube is moved down to the chain at one time. The chute is feed manually and it can contain approximately 60 - 100 tubes depending of the diameter of the tubes.

Semi automatic Cap feeding

Caps are fed from a gravity chute, via one channel, to the capping station where they are fixed. One tube is capped at the time with pneumatic cylinder. The chute is feed manually and it can contain approximately 50 – 80 caps depending of the diameter of the caps.

CE Protections

Comply with valid CE-norm

Filling machine F-10

The filling machine is fully automated and protected against personal injuries according to the valid CE-norm.

In the channel of the cassette on the tablet table, the tablets are counted. When the pre-selected number of tablets is accumulated, tablets are gently filled into the tube, first passing through the rotating in-feeder tube.

After filling, tubes are transported on a chain towards the capping station. During transport a control unit checks if the tubes are filled to the correct level of tablets. After a sensor has checked if the tube is correct capped the correct tube is ejected from the machine. Wrongly filled or badly capped tubes are transported on the chain out of the machine.

The F-10 can be equipped with format parts for different tablets, tubes and caps. Change from one format to another is normally made within 30 minutes. Simple format changes, like change from one tube length to another, are done much faster.