



## Counting Machines for Tablet and Capsules Swiftpack SP8x2

### Images



### Product details

<b>Category:</b>	Counting Machines for Tablet and Capsules
<b>Machine:</b>	SP8x2
<b>Machine code:</b>	IT208
<b>Manufacturer:</b>	Swiftpack
<b>Year of construction:</b>	2003

### Description



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**Swiftpack capsules counter**

Model SP8x2 from 2003

Number of product transport channels: 8x2 total 16 channels

Number of vibration stations:

Product outlet: 2

This fully automatic machine is designed for the exact counting of hard or soft gelatine tablets and capsules by filling the containers at high speed without changing the size pieces. The machine is almost entirely made of stainless steel. Empty containers are fed to the machine from the left side in a conveyor. The machine and the conveyor have height adjustable legs to allow containers of different heights to be processed. The containers arrive below the count and fill the station where pneumatic door cylinders stop them in the correct position under the discharge hopper. The product to be counted is placed in a bulk hopper at the rear of the machine - it is then fed at a controlled speed onto a vibrating plate with 8 lanes for two units. There are three separate vibration units connected to the plates which allow further control of the product flow.

The vibration regulation accelerates the product to form a continuous flow that also provides the necessary separation of the items before they reach the counting ports. As the product passes outside the end of the track, that the free fall through the counting channels where they are electronically recorded - pneumatic flaps in each channel are then marked to open/close to obtain the desired count in the waiting containers. Once the containers are full, they are released from the filling system and arrive at the next empty container. There are electrical sensors to ensure that there is a supply of empty containers and to ensure that the machine stops if full containers do not advance for any reason. Operator controls are mounted on a soft, programmable touch panel and incorporate controls for starting and stopping the machine. The computer can hold and store batch programs for different products and incorporates a digital screen for data entry, progress counting and diagnosis. The machine is able to handle the following products

Tablets: min. 4 mm; max. 25 mm

Capsules: min. size 5; max. size 00. Soft gel capsules

Quantity of tablets: 30 100 250

tablet small round table top 100 50 10 - bottles for min.

Double concave round tablet: 94 40 16 - bottles for min.

Long round tablet: 60 24 10 - bottles per min.

Round double concave caplet: 80 24 10 - bottles for min.

Flat cap: 56 20 6 - bottles for min.

Soft Gel Capsule: 72 30 12 - bottles for min.

Hard Gel Capsule: 48 16 8 - bottles per min.