Sold Swiftpack SP8x2 - AVR

Images

Product details

Category:	Sold
Machine:	SP8x2 - AVR
Machine code:	IT207
Manufacturer:	Swiftpack
Year of construction:	n/a

Description

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.
AVR linear Capper
AVR linear Capper is designed for fast repeatable changeover and maximum ergonomics.
The producer design the machine so that as few format parts are needed as possible.
We reduce changeover time and increase operating efficiency!
Our linear rake Capping Machine have up to 2 capping stations. Screw caps can be used on our machine.
The linear capper is mechanically driven with an under-frame integrated control cabinet.
The bottles are fed in a single lane to the machine where a bottle divider automatically separates them to the required distance.
The divider unit will not need any changeover part as the process is done via the HMI. Sorting and feeding devices feed the caps to the capping heads where the caps are applied onto the bottle orifices.
These capping heads can be torque controlled using either servo or clutches.
Our sorting and feeding devices can be designed to be able to run different sizes of caps on the machine without having to change over.
An induction sealing unit can also be integrated to the machine which is normally placed between a capping and re-torqueing station.
The height adjustment of the capping and retorquing stations is automatically controlled by the recipe integrated into the HMI.