Cotton Pad Production Machine WR-2100-S family

Semi-automatic production of various shapes of cotton pads. Depending on the size of the cotton pad, the machine has a capacity up to 960 pads per minute. The final product is filled by an operator into the package (for example into polyethylene bags).

Purpose of the machine WR-2100-S is the fully automatic high-speed production of cotton pads and has to be combined with a fully automatic packaging machine (i.e. WR-600 family). The capacity reaches a maximum of 6'000 pads per minute, depending on shape and package size.

FALU RB-2 is a fully automated bagging and packaging machine for cotton pads and related products. It fills the bags automatically with cotton pads and seals them. It enables the use of a wide range of bags. The machine has to be connected to the Interface of the cotton pad machine FALU WR-2000 and 2100-S series. It has a capacity of up to 52 bags per minute, depending on the bag size.

A bag typically contains between 25 and 140 cotton pads.

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Automatic Packing Machine for pre moisturised Pads: the KPD

Why moisturise a dry pad with liquids from a bottle if you can pick an already wet pad from a box or a can? Pre-moisturised pads address the desire for convenience of the consumer and are expected to show significant market growth in the future.

FALU KPD is an automatic packaging machine for the production of moisturised pads working in combination with a FALU WR-600 or a WR-2100-S cotton pad machine. The output of the machines vary between 15 to 62 containers per minute. The machine fills the containers with the preselected number of pads and moves them forward to the next station where the pads are moisturised and the can is sealed and closed.

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FALU WR-2100-S cotton pad machine The output of the machines vary between 15 to 62 containers per minute. The machine fills the containers with the preselected number of pads and moves them forward to the next station where the pads are moisturised and the can is sealed and closed.
Cotton swab production machine CB-4.0; a logical extension of the CB-1 Family.

- Heating unit on the secondary chain to pre-dry the cotton swabs
- Precise control of swab forming through pneumatic pressure
- Automatic up and down movement of the cotton feeder

Machine Specifications of CB-4.0
- Increased productivity through higher speed: the machine is capable of handling mechanical speed in excess of 3250 swabs per minute, operational production speed approx. 2300/2500 swabs per minute.
- Impressed quality control system ensuring that neither tips nor swabs are missing in the package.
- Relevant process parameters like speed, quantity of the product, volume, and many others can be controlled at operation panel with an integrated touch-screen.
- Better management of process and operator through availability of all data from the controller (PLC) on the machine at the manager’s office through the modem and provided between 371/120 controller with ethernet connection.
- New design of the dust bag for increased tolerance to the raw material.
- Ergonomic stacking of stick cartons: reloading of the stick cartons at a more ergonomic height (reloading by machine)
- Medical swabs
- Cosmetic swabs
- Safety (baby) swabs
- Standard swabs of different shapes and sizes
- Bulldozer swabs
- Cosmetic swabs

With the Falu cotton swab machines you can produce different cotton head shapes upon request.

The S7/1200 controller with Ethernet connection.

S7/1200 controller with Ethernet connection.

Water mixture, cotton volume and many others can be controlled at operation panel with an integrated touch-screen.

A benchmark program comparing machine functionality with peers.

The connectivity concept allows collection of machine operating data and transmitting these to Falu via a “data cloud”.

With the Falu cotton swab machines you can produce different cotton head shapes upon request.

- Standard Swabs
- Cosmetic Swabs
- Baby Swabs
- Safety Swabs
- Medical Swabs
- Veterinary Swabs

The material of the boxes can be plastic or cardboard.

The boxes are packed by the FALU SV-2-S, a fully automatic cardboard box packaging machine.

The round boxes typically contain from 100 to 300 swabs.

The square or rectangular boxes SQB-2A

The cardboard boxes are also an ideal and space saver package for cotton swab. The packaging machine has a capacity of up to 30 boxes per minute.

The boxes are packed by the FALU BV-2A, a fully automatic bag packaging machine for square or rectangular boxes to be combined with a Falu cotton swab machine.

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