Type - S 23 / C

Packaging machine - Wrapping, forming and cartoning machine

Product - soft cubes and cartooning

Production capacity - up to 300 product / minute

Production capacity - up to 120 boxes / minute
S 23 / C technical details

- Wrapping machine studied for rectangular product
- Extrusion dosing system, through double nozzle
- Level control system for automatic feeding in the hopper
- All parts in contact with product are made in stainless steel
- Capacity max 300 stock cubes /minute (*)
- Machine equipped with twin folding box
- Oil bath for mechanical equipment inside the machine structure
- All movement is drive by cam
- Cutting made with guillotine
- Power required 3 kW
- Cubes exit in one or two rows side by side or head to head
- Machine works with a motor served by inverter
- Touch screen operator panel
- In case of product lack machine stops
- In case of finish paper machine stops
  - Speed controlled by operator panel
- Production monitoring with statistic value
- Hopper cover to avoid foreign body fall in the mass
- Machine equipped with safety protection according to the UE roles

Stock cubes characteristic

- Size of the stock cubes (24.5 x 29.5 x 10) mm, KNORR style
- Weight (9-12) gr
- Dimension of product admitted +/- 0.1 mm

(*) Past characteristics could modify machine reaction in packaging

Hopper feeding system with cover

Nozzle dosing system

Folding box

Stock cubes
Box 75 technical details

- Cartooning machine studied for open blank cartoon
- Machine could form the following sizes
  - 2 (single row and double boxes)
  - 4-6-8-10-12-16-20 (double rows)
  - 9-12-15-18-24 (three rows)
- The double elevator, driven by cam, avoid the cubes damage from the elevator
- **Machine dimension extremely small (97 x 102) cm**
- Type of product: square or rectangular like butter or stock cubes
- All parts in contact with product are made in stain less steel
- Production max 120 cartons /minute
- Oil bath for mechanical equipment inside the machine structure
- All movement is drive by cam
- Power required 3 kW
- Boxes exit in one row
- Machine works with a motor served by inverter
- Touch screen operator panel
- In case of product lack machine stops
- Lamp and sound inform carton finishing
- In case the cartons are finished the machine stops
- Speed controlled by operator panel
- Production monitoring with statistic value
- Machine equipped with safety protection according to the UE roles

(*) In case of size 2 cubes

- In case we of soft line we could absorb all the 300 cubes production
- In case of hard line we could absorb 480 cubes production
- The machines produce simultaneously two boxes for every machine cycle
- Box production up to 240 cartons / minute
- Box exit in two rows
- The magazine for the open blank is double

Cam study of the double elevator

Double elevator to avoid cubes damage
Lay out

Combined machine S 23 / C

[Diagram of the machine with labeled parts: Boxes exit, Mais feeding hopper, Dosing and forming, Cartoning]