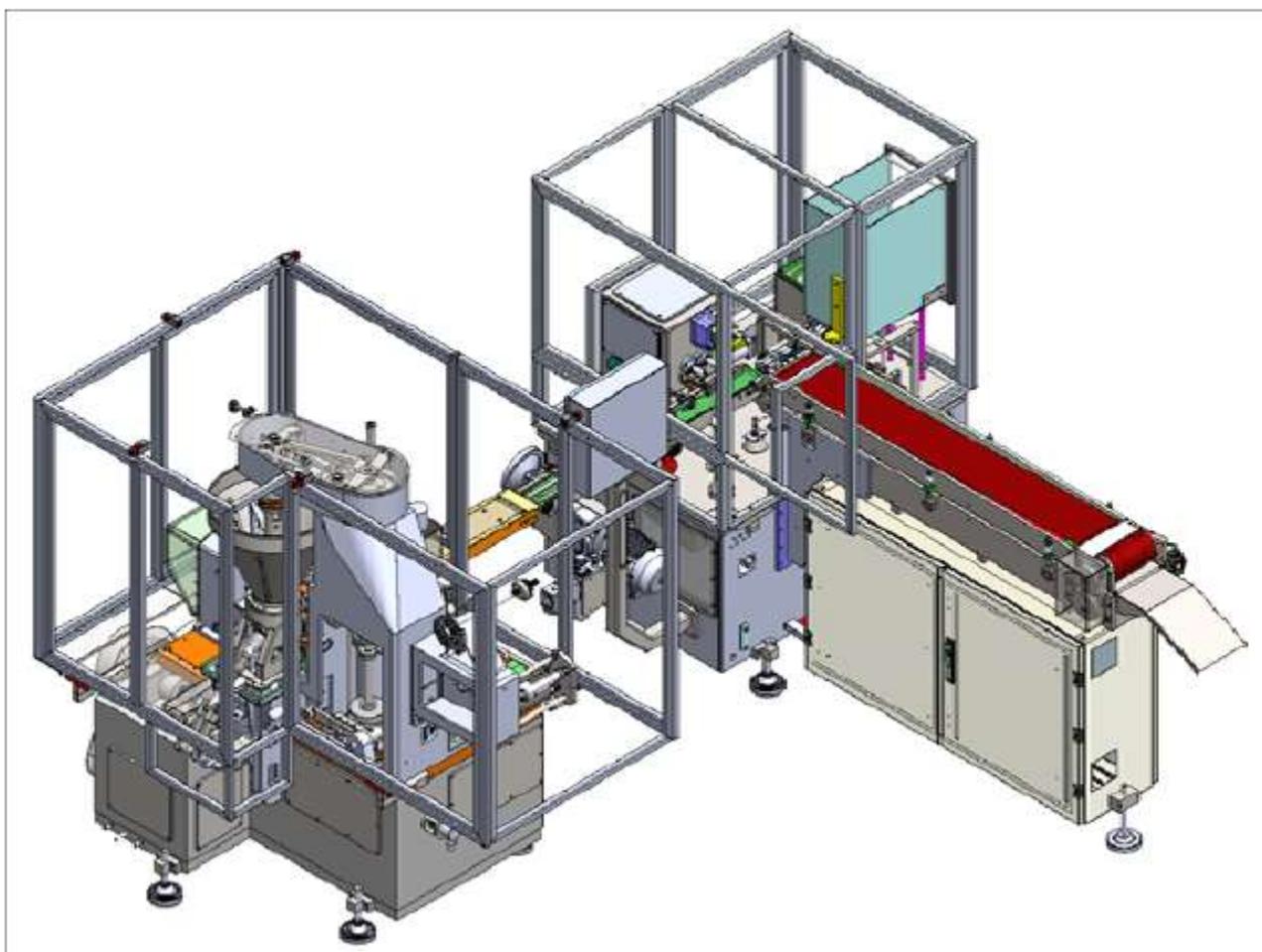


*Type – S 23 + B 75*

*Packaging line – Dosing forming + cartoning*



*Product - soft cubes and cartoning*

*Production capacity - up to 300 product / minute*

*Production capacity - up to 120 boxes / minute*

### *Soft 23 technical details*

- Wrapping machine studied for rectangular product at capacity 300 cubes a minute made with extrusion dosing system, through double nozzle. All parts in contact with product are made in stain less steel. Type of wrapping style: "Porfolio"

### *Box 75 technical details*

- Cartoning machine studied for open blank carton with capacity 120 cartons a minute. Sizes from 2 to 24 cubes in a box, optional two layers. The double elevator avoid cubes damage from the elevator. In case of two cubes machines produce simultaneously two boxes with capacity up to 240 cartons a minute

### *Soft 23 + Box 75 technical details*

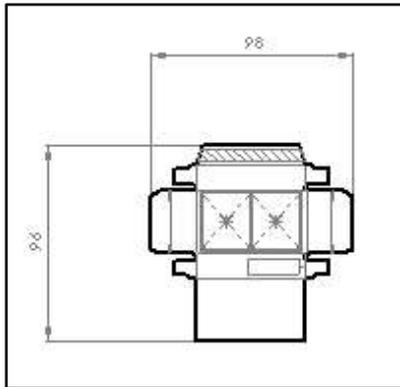
- *The line is studied to reduce dimension that are extremely small*
- *The two machine give possibilities to inspect cubes on belt between the machines*
- *In case of two cubes size the cartoning machine is able to absorb all the production of 300 cubes, with compact machine FD 220 / C the production is maximum 240 cubes*
- *Combination of two machine makes the line able to box cubes in all the possible sizes from 2 to 24 and in case also with double layers*
- *New Box 75 allowed customer to buy extra size also in future*
- *Optimised size tooling change to minimize production down times*
- *Easy glue vinyl system*
- *The line could be separate in order to make in future different second packaging*
- *The exit belt of the Form 23 drive the cubes into the Cartoning machine*
- *The turning cubes device makes bundle with head to head or side by side*
- *All parts in contact with product are made in stain less steel*
- *Oil bath for mechanical equipment inside the machine structure*
- *All movement is drive by cam*
- *Power required 6 kg*
- *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*

### *Critical point in compact machine FD 220 / C*

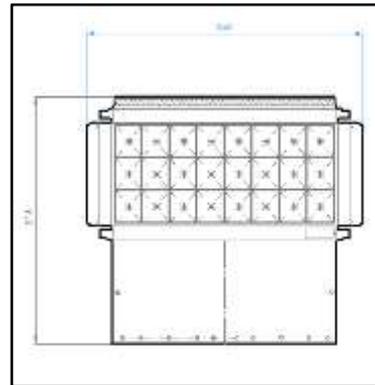
- *The compact machine was studied to produce 2 cubes only*
- *The glue system with roller smudge the machine and could makes mechanical damage*
- *In case of size change we have to accept compromise*
- *Pick up system of cartons with the size more than 2 cubes is not working properly*

### *Open blank characteristic*

- The open blank is the cartons used for this machine
- Minimum size two cubes, maximum size twenty four cubes
- All cubes comes in side by side (SbS), in case head to head (HtH) is optional
- Glue used vinyl, under request hot melt



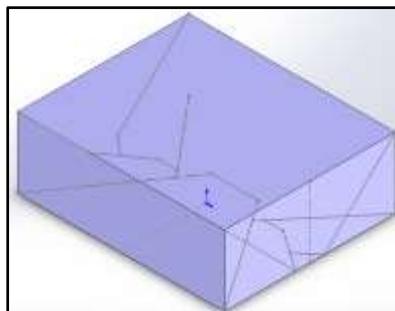
Two cubes SbS open blank cartons



Twenty cubes SbS open blank cartons

### *Soft cubes characteristic*

- Size of the stock cubes (24,5 x 29,5 x 10) mm, KNORR
- Different cubes dimension need to be evaluated
- Weight (9-12 ) gr
- Dimension of product admitted +/- 0,1 mm
- (\*) Past characteristics could modify machine reaction in packaging



Stock cubes

*Lay out line*

*Soft 23 + Box 75*

