FD SERIES
SOFT SOUP CUBES PACKAGING
DOSING & WRAPPING
Backed by IMA DAIRY & FOOD, bringing worldwide presence and in-depth know-how, Corazza stands out as a key technological partner in the field of soup and bouillon cube packaging. Decades of experience allow Corazza to design, develop and deliver the best tailored solutions to handle the preparation and packaging of paste or pressed stock cubes.

Corazza supplies high, medium and low-speed dosing and wrapping lines for soup and bouillon cubes with a wide choice of solutions ranging from stand-alone machines to fully integrated, high-speed lines including end-of-line packaging in display and bulk containers. A specialised team of engineers is available to evaluate and develop custom-built solutions from single unit applications to full turnkey solutions.

**FD SERIES DOSING & WRAPPING MACHINES**

FD8 DOSING & WRAPPING MACHINE

The FD8 doses and wraps 4 cubes simultaneously at 175 - 200 mechanical strokes/min. The optimum speed setting on the machine to suit specific production requirements is attained by a simple adjustment made on the operator panel. Acceleration and deceleration are also electronically controlled by the same unit minimising the effects of mechanical stress. The FD8 unwinds and cuts the wrapping material to the required size, performs bottom folding in the cells. This is followed by product dosing, folding and closing of the wrapping. The wrapped product is then fed out via an automatic weight-checking device before leaving the machine. Dosing is handled by means of 4+4 in-line dosing pistons. The product is fed by an auger-feed dosing hopper with a double wall, providing heating or cooling facility, depending on the type of paste employed or to meet specific requirements. The operator can easily adjust the weight of the cubes via a servo-motor controlled device. When the correct setting has been achieved, the set weight can be controlled and maintained by means of the automatic weight-checking unit. The automatic weight adjustment is made electronically between the two consecutive weighing operations. In this case the weight adjustment can be made on each single soup cube.
FOR greater speed and for those customers aiming to achieve maximum productivity together with quality and precision, the FD12 is the high-speed answer for handling soup cubes. Set along the 8 lanes of the in-line filling conveyor, pre-formed foil segments are filled with the bouillon paste. The foil is then folded over and the wrapping is pressed closed. The cubes are then sent to the electronic weight-checking device with automatic feedback control and then on to the infeed belt of the AD8V cartoning machine. The cubes are gathered into the desired configuration and carried to the elevators where magazine fed cartons are placed over the bundles for box formation.

FD220 DOUBLE HEAD FILLING AND WRAPPING MACHINE

“Portfolio” style wrapping in parchment-backed alufoil or other flexible materials with suitable characteristics. The machine fills the paste into the wrapping shells which are then folded and pressed closed. The wrapped cubes are discharged from the dosing cells and fed to the infeed section of the CS300 cartoning machine.
1. FOIL FEEDING

2. FOIL CUTTING
   THE PAPER CUTTING SYSTEM IS FORMED BY:
   • LONGITUDINAL ROTARY KNIFE
   • TRANSVERSAL KNIFE

3. SHELL FORMING

4. DOSING

5. FOLDING

6. PRESSING

7. PRODUCT OUTFEED