



DOMINICI
COSTRUZIONI MECCANICHE

LC 901

Chocolate egg wrapping sheet machine

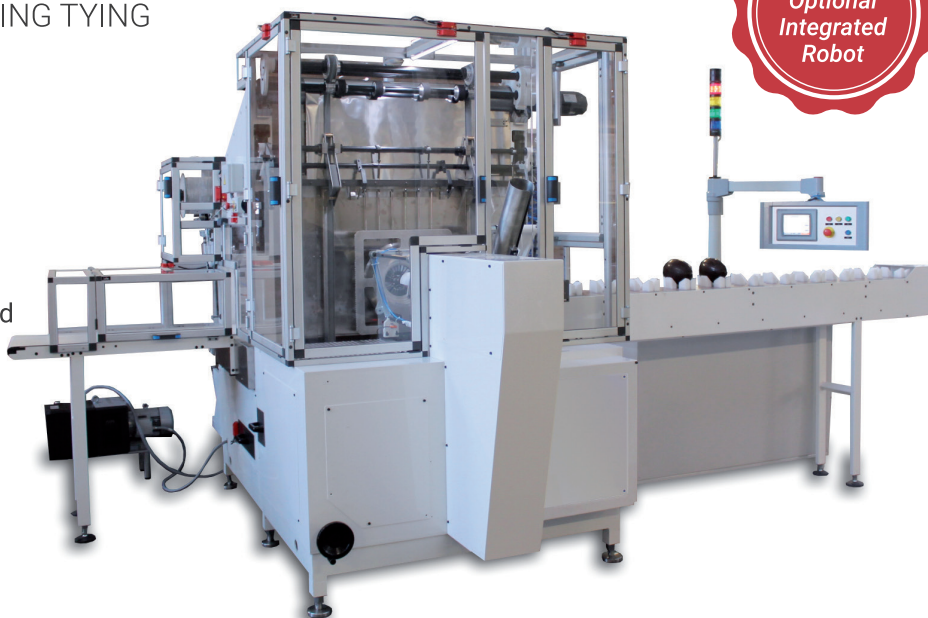
AUTOMATIC MACHINE WITH STRING TYING AND BOWKNOT

The egg, placed manually on the feeding chain, is picked-up and moved to the feeding station of the base, which is automatically loaded by a special magazine. At this point, the wrapping sheet is cut by a reel and it moves toward the wrapping unit where the egg is packed with a bowknot.

The feeding chain does not change according to the format but has a capacity of up to seven eggs and can be customised on request.

It is possible to install automatic egg loading devices.

It can work with reels with a continuous or centred print via a photoelectric cell. Easily interchangeable formats by simply substituting a few mechanical elements and settings of the parameters from the operator interface display. The bowknot ensures a perfect seal and allows it to be easily undone by simply pulling one of the ends of the string. The perfect layout of the sheet folds allows the wrapping to require minimum final adjustments at the exit.



Main characteristics

- ✓ Centralised lubrication of all main parts.
- ✓ Easy inspection of all movements
- ✓ Simple format change in just a few minutes
- ✓ Touch screen control panel.
- ✓ Display control of speed and all machine adjusting parameters.
- ✓ Optional remote diagnostics and assistance
- ✓ Able to work with centred sheets or non.
- ✓ Device for the wrapping cycle to be performed only when the egg is present
- ✓ Conforms to the highest safety standards
- ✓ Optional: Integrated robot for loading the product from belt

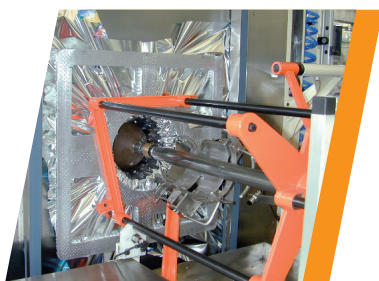
**Max production
18 packs/min**

**100%
Made in Italy**

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The machine's moving parts are entirely enclosed. The operator loads the egg manually on the feeder chain under completely safety. A loader automatically picks up the base and places it in the basket with the egg and together they are transferred to the packing area. At the same time, the reel unwinds the sheet according to the present length on the display, with either a continuous or centred print.



The egg and base are fed into the wrapping area, while a sheet pick-up system shapes the wrapping sheet in order to exert minimum pressure on the egg and minimise any risk of breakage. An adjustable contrast creates the necessary pressure on the sheet to control the wrapper adherence to the egg. When the sheet filling process is complete, the wrapping is tied with wedges arranged radially to close the sheet around the egg.



Once the egg is wrapped, it is transferred to the tying area and closed with a bowknot with a string in various diameters from 1.5 to 3 mm, unwound by a reel. A double bowknot is then made which makes it extremely easy to untie by simply pulling one of the ends of the string. The complete package is then placed on a conveyor belt to exit the machine and move to the packing area or another conveyor belt for the final packaging operations.

Technical data

Egg dimensions (mm)	Base dimensions (mm)	Egg+ base (mm)	Wrapping sheet (mm)	String (mm)	Wrapping sheet reel (mm)	String reel (mm)
Diameter Min 55 Max 185 Height Min 130 Max 280	Max diameter 150 Max height 110	Max height 340	Min 450x450 Max 1200x1200	Diameter Min 1,5 Max 3	Internal diam. 70/76 Max external diam. 300	Internal diam. 40 External diam. 240 Width 180

Max production	Overall dimensions (mm)			Power	Weight
Wrapping/min.	Width	Length	Height	kW	Kg
16-18 *	4850	3150	2260	2,5	3000

* Depending on the size of the product



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