

ACCELERATE YOUR ECOLOGICAL TRANSITION BY INTEGRATING YOUR PET BOTTLES INTO THE CIRCULAR ECONOMY

FEATURES

Innovative technology to enhance the recyclability of your PE-PP packaging

An innovative technology for the recyclability of your PET bottles

A machine designed to decorate soft drink and liquid food PET bottles of all shapes, from 100ml to 2L, even the most sophisticated ones. This machine allows for the implementation of LDPET® product, a shrink-sleeve compatible with the closed-loop PET recycling process (bottle-to-bottle)



Modules designed for the high speeds of the liquid food industry

Modularity at the service of performance

To work at high speed in wet conditions, this machine is equipped with modules to guarantee the performance and quality of the products: drying module at the inlet to facilitate sleeve removal, orientation system for complex shapes, and control and ejection system.

A high-capacity magazine to ensure autonomy

An ergonomic design for easy and quick reel connections

This high-capacity unwind unit can handle high sleeve speeds and is designed to accommodate new generation films. Located outside the machine, it offers easy access to the reels, which are positioned at hand level; the splicing table allows for quick and error-free splicing. The overall system provides autonomy and ergonomics, for the operator's comfort.



Energy consumption tailored to each format

Energy management to reduce the carbon footprint of your products

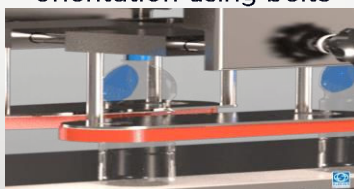
This exclusive shrink technology combines several systems: the expansion chamber, the high-low system and the steam diffusion system are adjusted to each size to optimize energy consumption.

OPTIONS

Multi-reel shrink-sleeve unwinder unit with automatic splicing



Camera vision module for detection & product orientation using belts



Drying module at the end of the shrink tunnel



Coding and traceability module



SPECIFICATIONS

Non contractual information

Machine

Conveyor height	980 +/- 50 mm
Speed	500 cpm
Cutting diameter	100 mm
Steam consumption	200 Kg/h
Steam pressure	6 - 8 bars
Electrical consumption	12 kW



Packaging

Materials	PET
Shapes	Cylindrical, square, complex shapes...
Products diameter	45 to 70 mm
Products height	185 to 210 mm
Sizes	20 ml – 1L

Sleeves

Applications	Full body, partial sleeve
Type of films	TPEG, PET
Films thickness	50 to 65 microns



MARKETS & PACKAGING



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