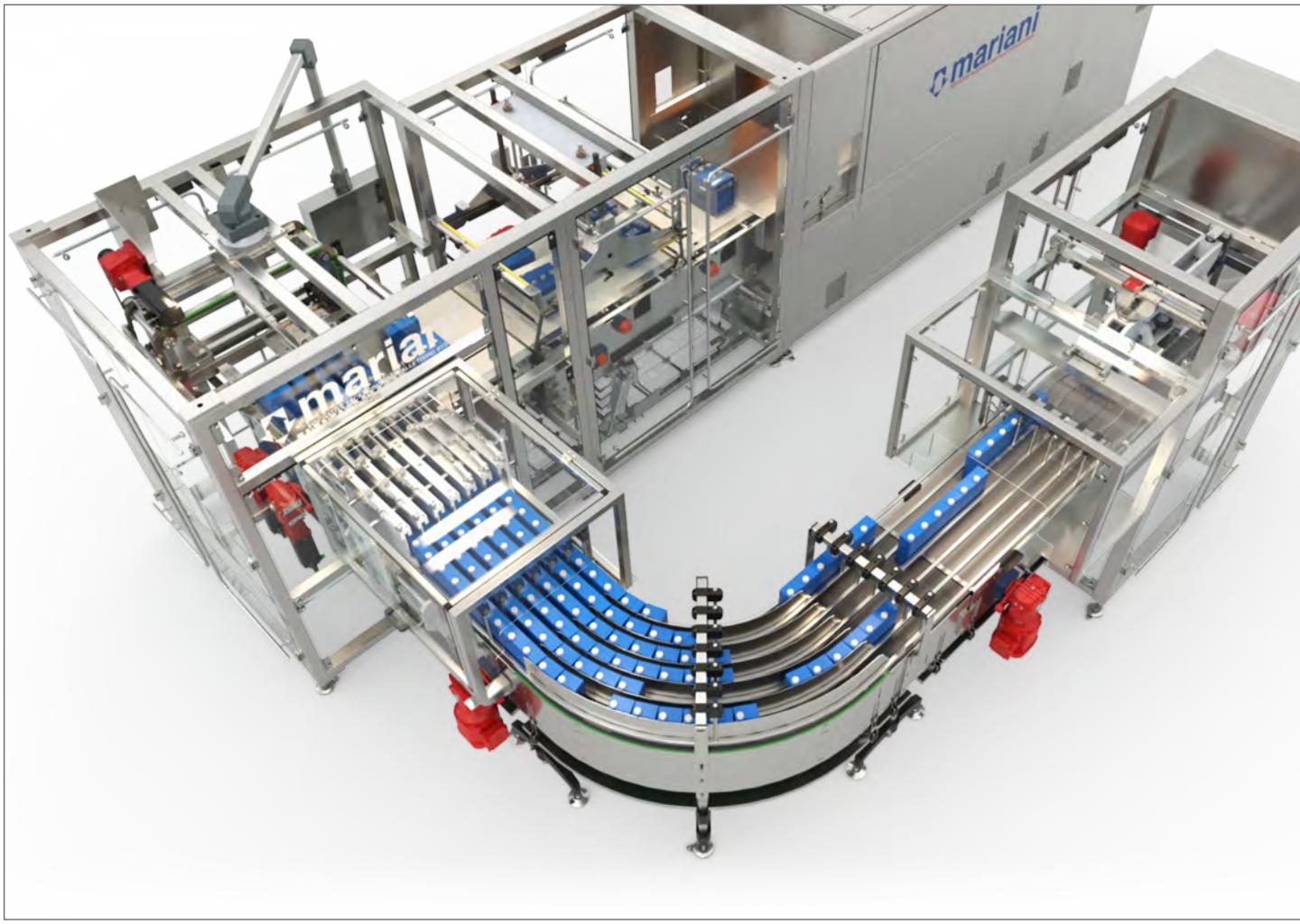




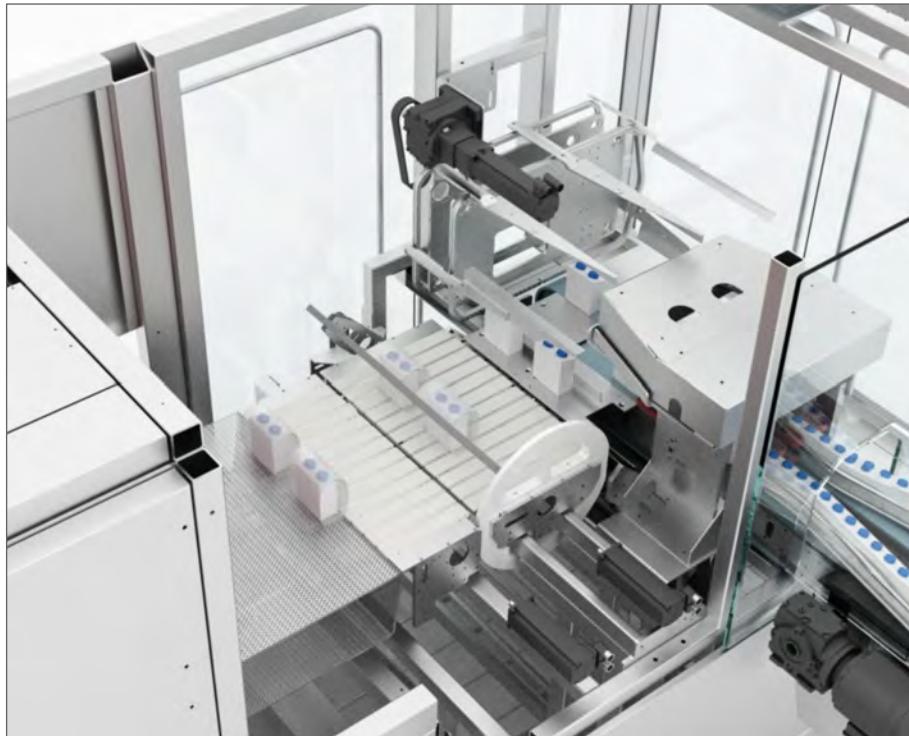
# TRM-700 LF

## SHRINK WRAPPING MACHINE



## TRM-700 LF/S

Fly bar shrink wrapping machine for small / portion packages



## TRM-700 LF/T

Fly bar shrink wrapping machine for trays



## TRM-700 LF/M

Fly bar shrink wrapping machine for medium / family packages



The machine employs a proven design concept at the infeed for product handling and bundle forming, producing tightly wrapped square packs which guarantee cartons' integrity and safe handling.

The film wrapping station works in a continuous mode without sealing bar and the film is sealed under the collation.

Whilst the machine, is automatically processing the requested secondary packaging , then the trays with carton packages inside in various formats are transferred to the film overlapping and shrink-wrapping stage.

## Technical characteristics

### PRODUCT INFEED STATION

This device is set up at the machine infeed single products packs coming from a single-row belt into than one row.

### Film unwinding, feeding, cutting and wrapping section

Reel unwinding is controlled by a pneumatic brake keeping always the correct film tension. The feeding and cutting system is placed immediately underneath the wrapping conveyor.



| VERSION      | PACKS VOLUME         | FILLING MACHINE SPEED | OUTPUT CAPACITY         |
|--------------|----------------------|-----------------------|-------------------------|
| TRM-700 LF/S | From 100 to 500 ml   | Up to 9.000 p/h +20%  | up to 90 bludles/minute |
| TRM-700 LF/M | From 500 to 1.000 ml | Up to 15.000 p/h +20% | up to 60 bludles/minute |
| TRM-700 LF/T | From 100 to 2.000 ml | Up to 24.000 p/h +20% | up to 40 bludles/minute |

### Film cutting and wrapping section

When the film has reached the required length, the film feeding rollers and the fly bars stop and the film is cut with a knife pneumatically driven, then the fly bars restart and finish the wrapping operation.

The shrink tunnel which is designed to handle films with different characteristics, is fully insulated thus guaranteeing high thermic efficiency levels resulting in low energy consumption.

**Maximum accuracy when using printed film.**

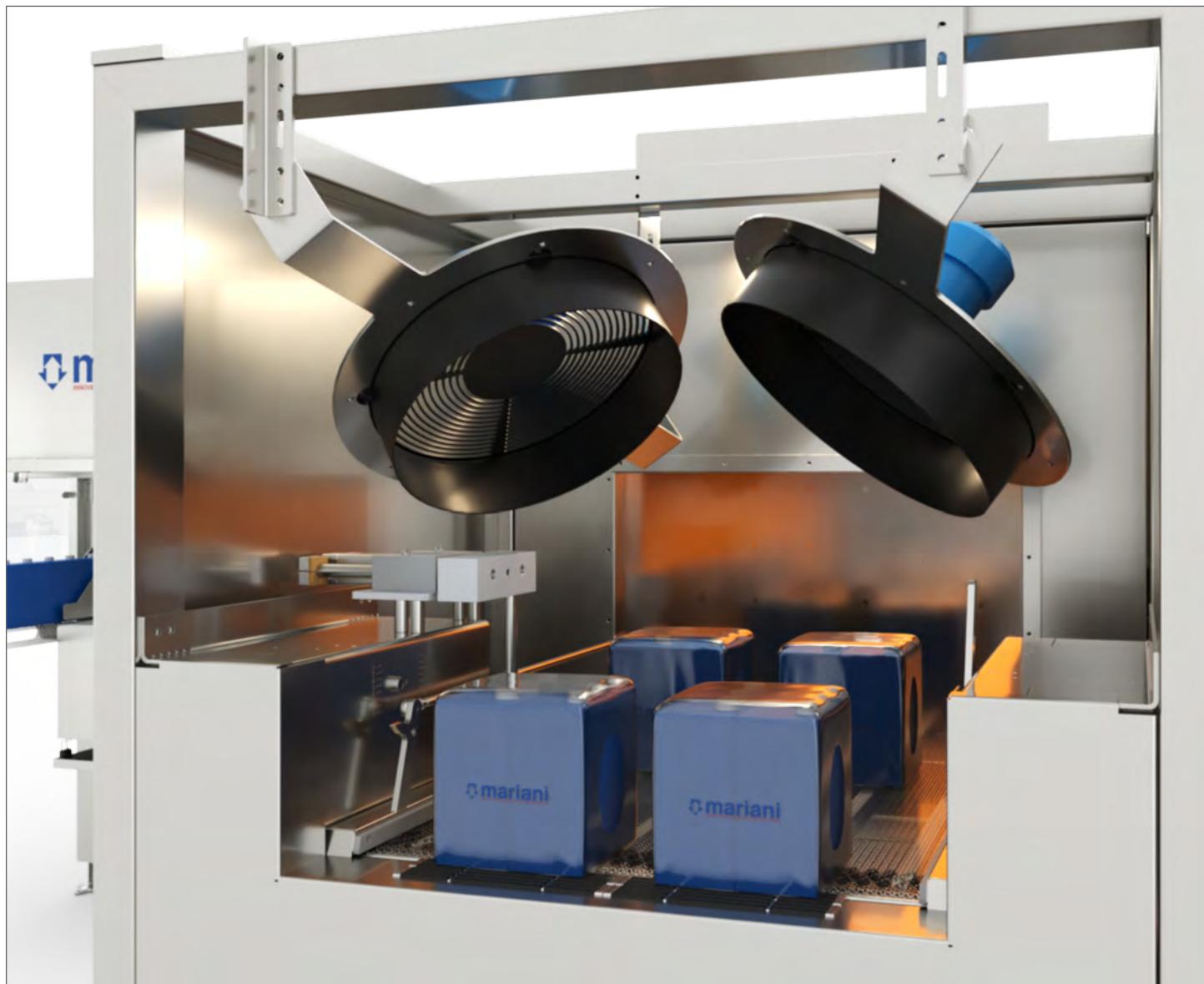


### Completely extractable film unwinding-cutting system for straightforward maintenance operations

## Shrink tunnel

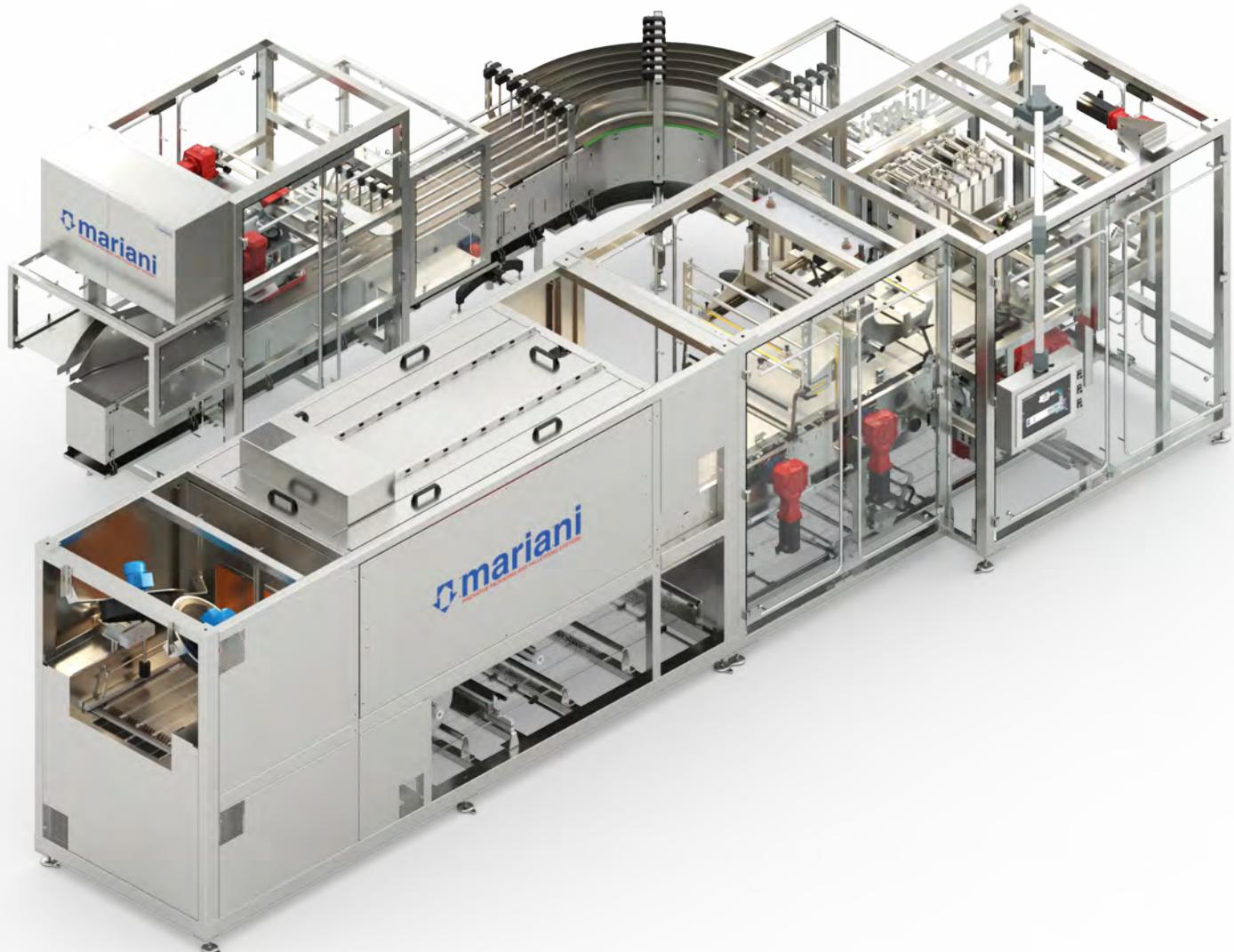
The bundle is carried into the tunnel on a wide mesh belt, driven by a moto-reducer with inverter. The tunnel consists of a chamber where the bottom film overlap is first sealed and afterwards the shrink takes place. A cooling unit is placed on top at the tunnel exit. An transfer free rollers conveyor is added for a perfect pack transfer.

The operator controls the machine with a touch-panel, placed near the working place. The touch-panel displays the status of the machine and all the alarms.



- Ergonomic design which offers the maximum visibility of the working process and easy accessibility to operating parts
- Flexibility and efficiency
- Malfunction-free cartons infeed
- Easy adjustment of air nozzles
- Easy and quick format changeover
- Latest servo technology provides highest energy efficiency
- Mainly built in stainless steel and designed for easy cleaning
- Easy maintenance thanks to the film feed and injection table fitted into an extractable rack

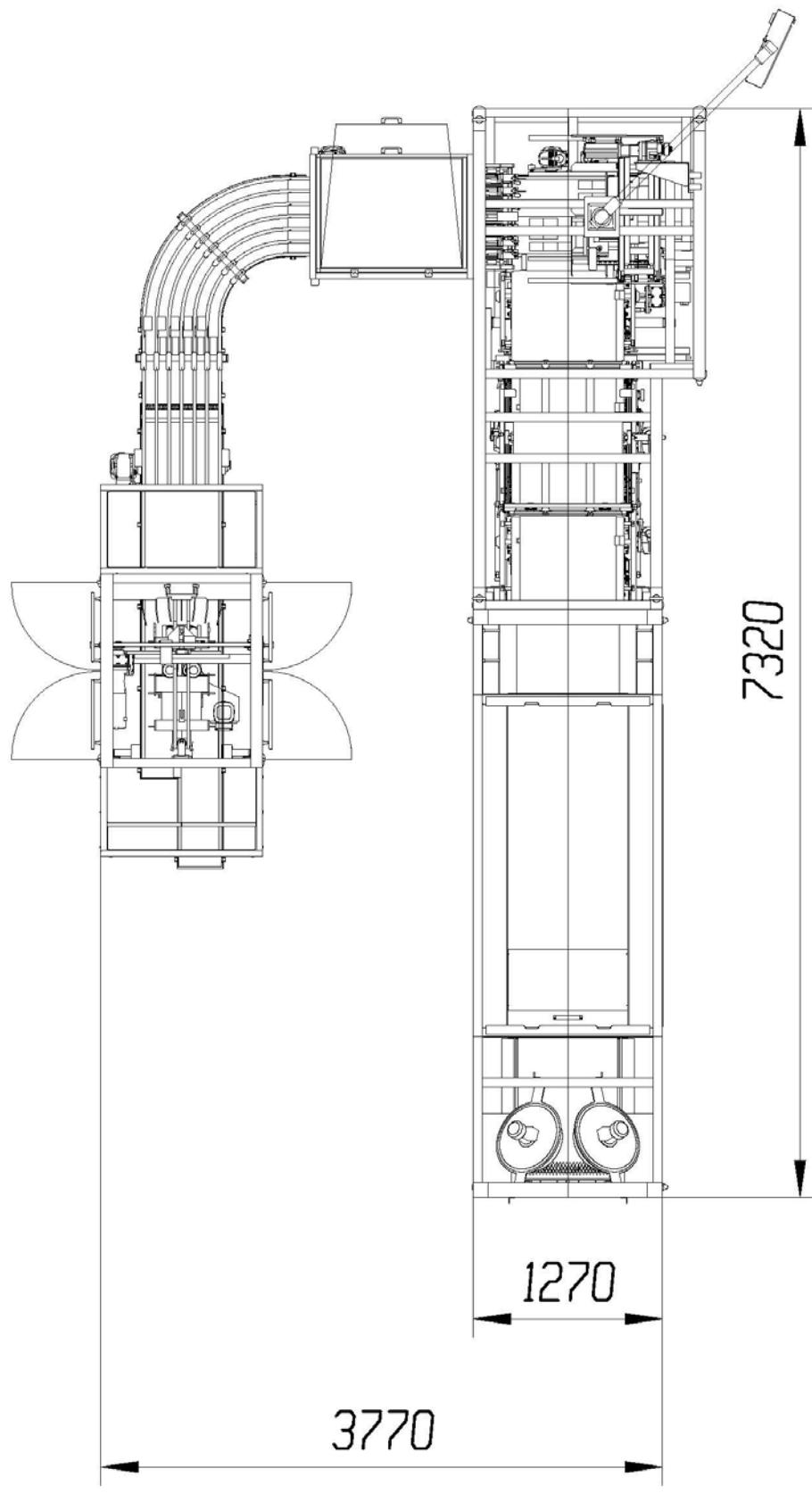
## Machine data



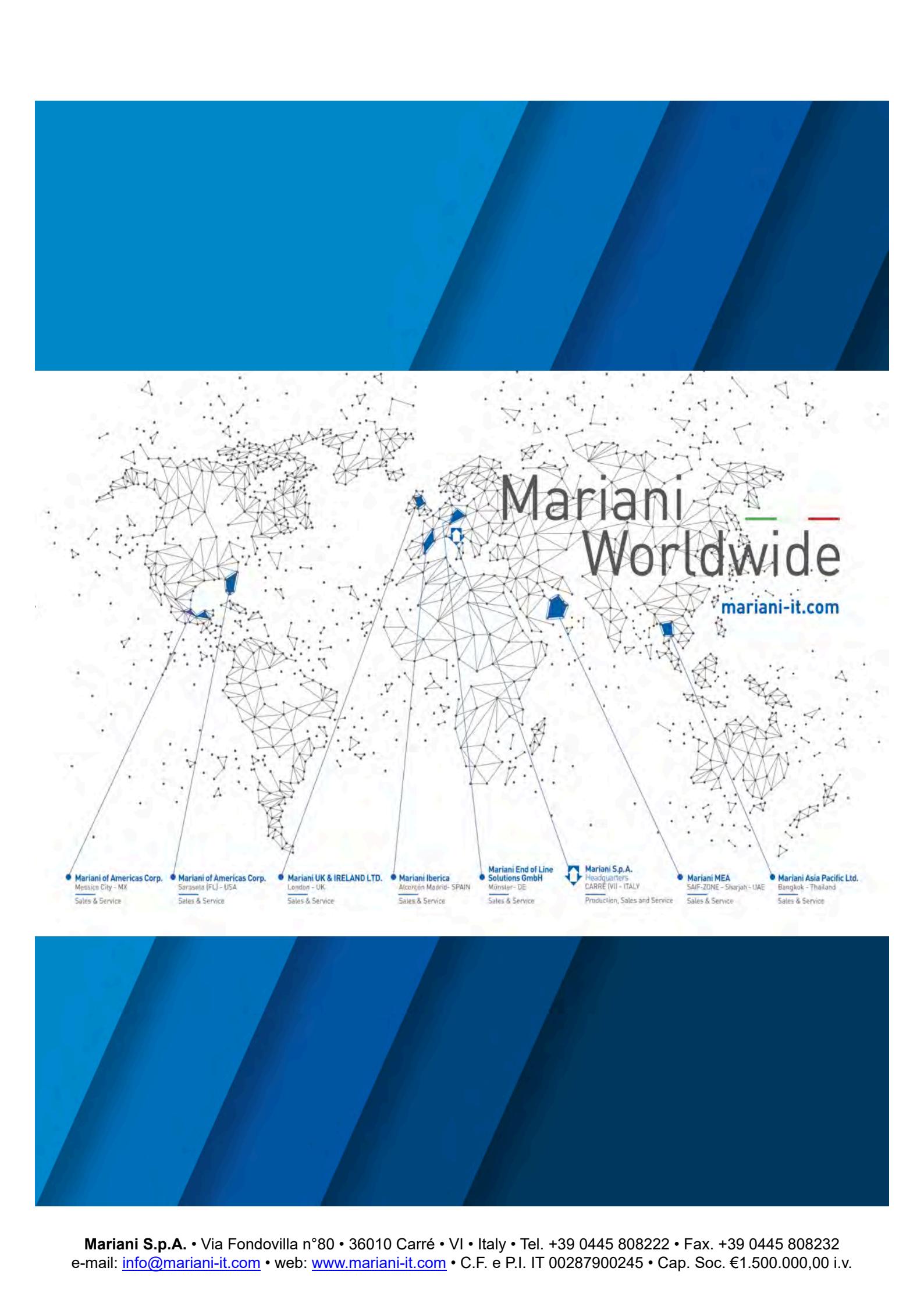
### TRM-700 LF TECHNICAL FEATURES

|                    |   |
|--------------------|---|
| Film thickness     | From 40 to 90 $\mu$                               |
| Total power        | 75 Kw   |
| Voltage            | 3x400 V - 50 Hz N + G                             |
| Auxiliary voltage  | 24 V DC/AC  |
| Electrics IP       | IP54  |
| Air consumption    | 100 Nl/min - 6 bar                                |
| Product dimensions | Min. 60 x 120 h 60 mm<br>Max 320 x 460 h370 mm    |
| Tray height        | From 35 to 100 mm in function of packs dimensions |

## Machine layout







# Mariani Worldwide

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Alcorcón Madrid - SPAIN  
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Mariani End of Line  
Solutions GmbH  
Münster - DE  
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Mariani S.p.A.  
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CARRÉ (VI) - ITALY  
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