



# TDF TRAY SEALERS

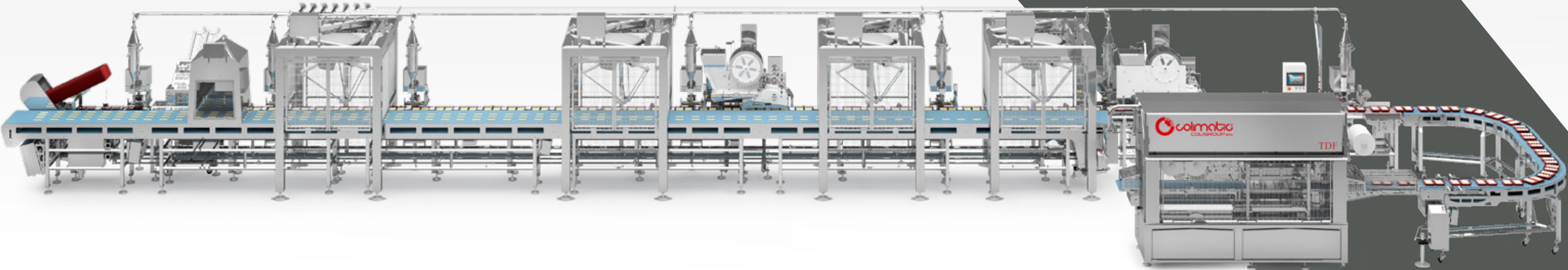
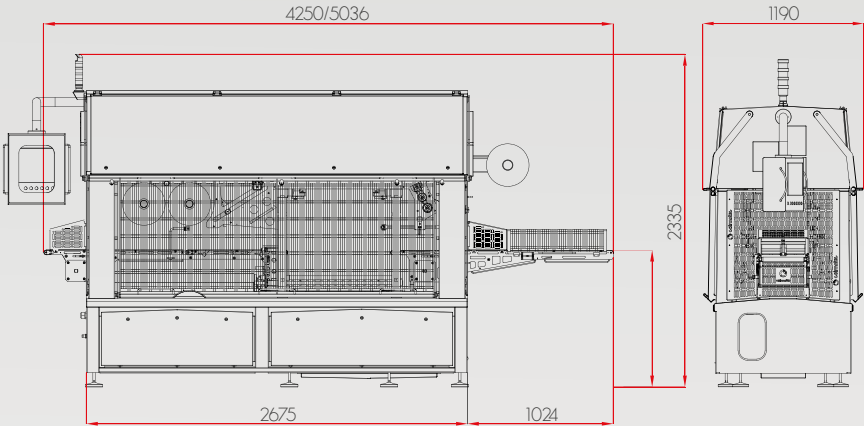
# TDF | 1650-1900



Brand new and revolutionary fully automatic Traysealer mod. TDF1650 & TDF1900: for the packaging of plastic, cartoboard & aluminium preformed trays, with on-reel plastic films lids, carton lids & reclosing-cap application option. Machine frame completely realized in stainless steel: metal sheets obtained by laser cutting, electrically welded holding elements.



MAX. TRAYS DIMENSION						
TDF 1650						
TDF 1650-D						
TDF 1900						
TDF 1900-D						





## THERMOSEALING LINE MOD. TDF1650-1900



### NEW USER-FRIENDLY HMI

Which allows an easier access to all machine functions, by **simplifying** the settings, the machine activation and system check.

### EXTREME ENERGY SAVING

The configuration with shared DC Bus allows the energy exchange between the axis, **reducing the energy wasting** caused by the dynamic braking resistances. This will sensibly reduce (down to 40%!) the amount of energy required. (KERS - Kinetic Energy Recovery System).



# TDF | 1650-1900

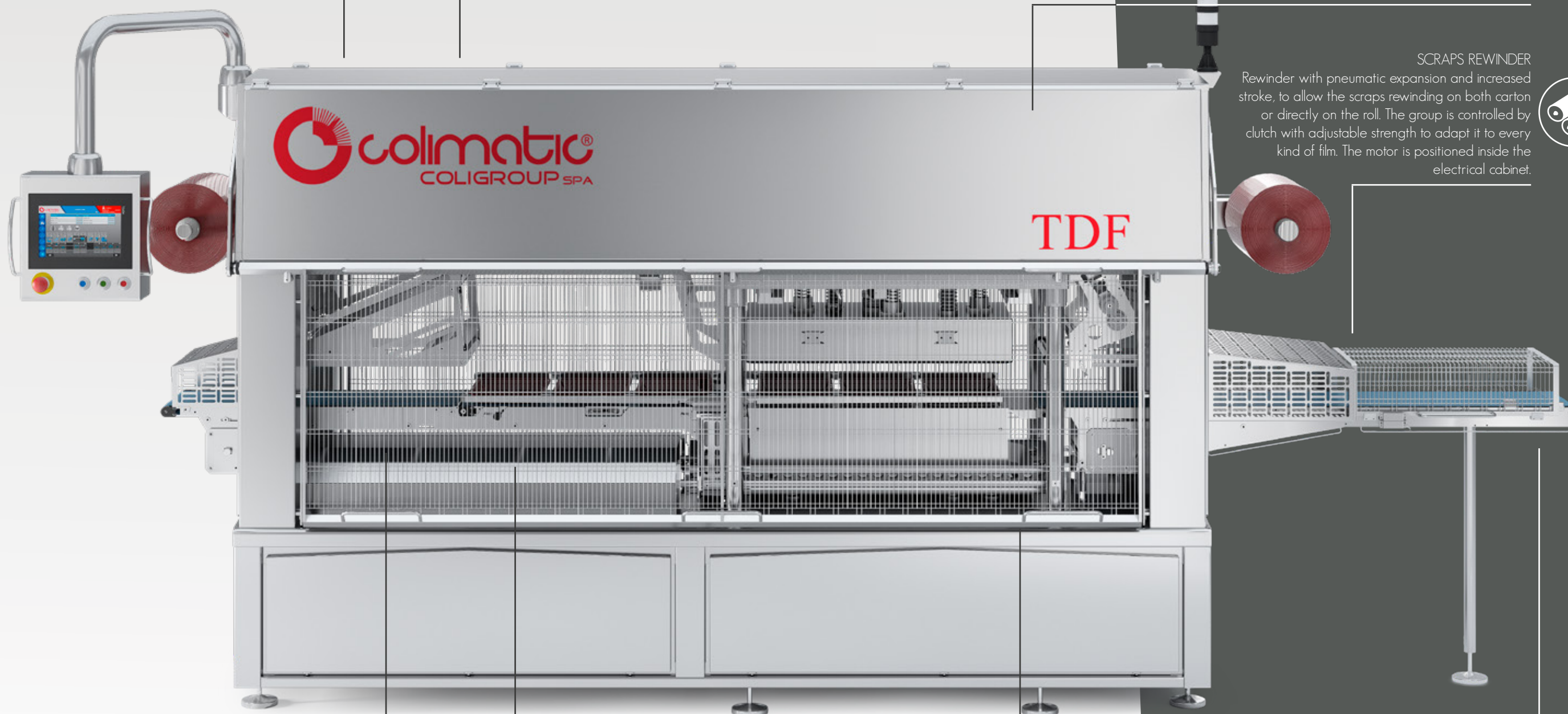
### HYGIENICAL FEATURES

Sloping machine surfaces, TIG continuous welding and motors strategically protected and positioned, Will grant the **highest possible hygiene levels!**



### SCRAPS REWINDER

Rewinder with pneumatic expansion and increased stroke, to allow the scraps rewinding on both carton or directly on the roll. The group is controlled by clutch with adjustable strength to adapt it to every kind of film. The motor is positioned inside the electrical cabinet.



### SEALING STATION

**Servomotor** controlled Lifting mechanism of the sealing station, this is managed by the same cam used for the pushers. Sealing strength to be set on the HMI.

### PUSHER GROUP

Moved by nr. **2 Servomotors controlled by electronic** cam for trays taking, their positioning under the sealing mould and discharge of sealed trays. Their motor is positioned inside the machine cabinet.

### BRUSHLESS MOTORS

All machine motion controlled by **Brushless motors**. These, through an electronic cams connection of the moving components, allow more flexibility in terms of films used and speed control, according to the products to be packed.



### INLET BELT

**Servomotor** controlled positioning system, for trays **correct positioning** at machine entrance. Made of **Stainless steel**, it is equipped with fast removal unlock system, to ease cleaning operations: no tools needed for belt handling.

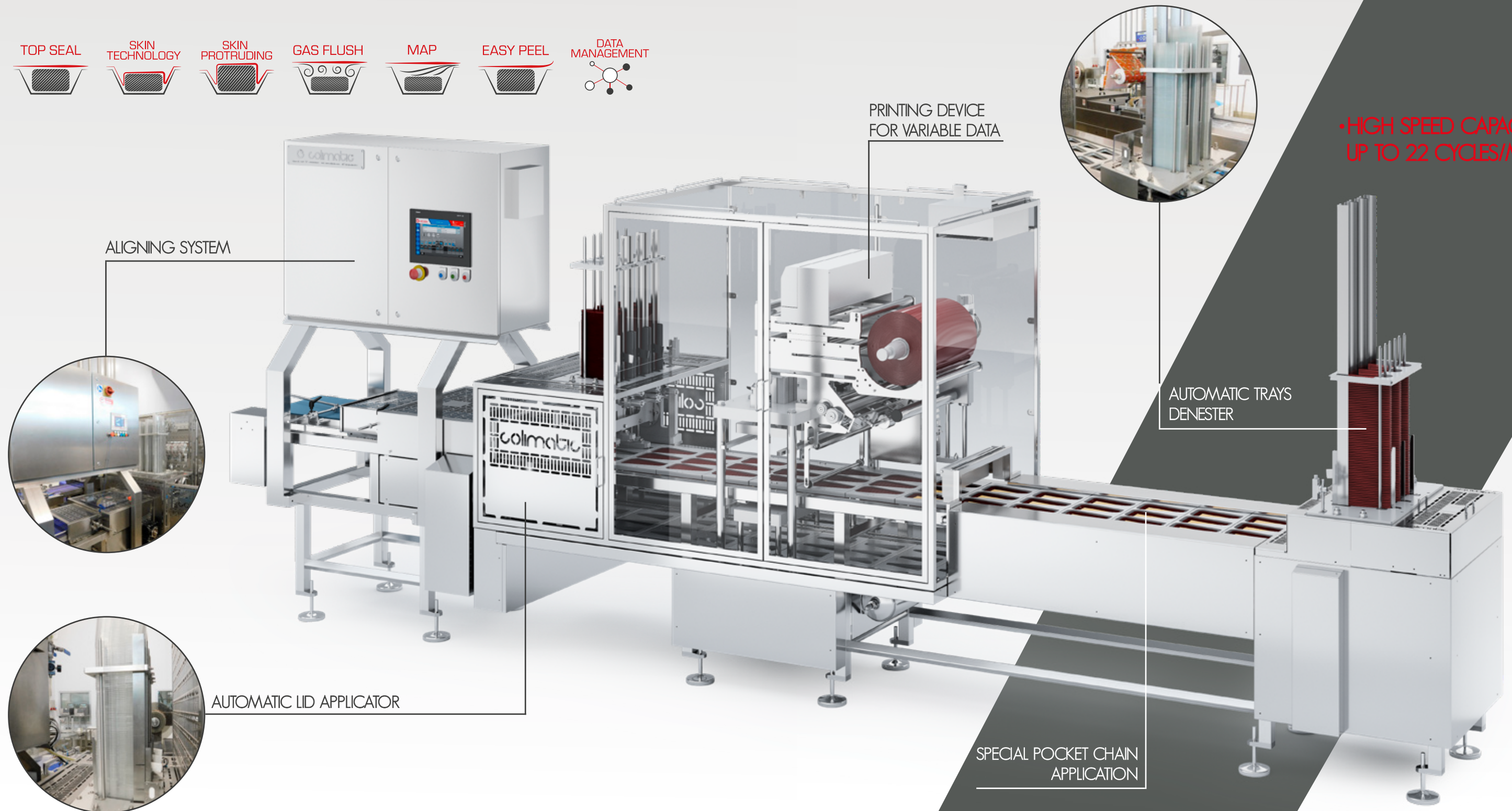




# TDF | 1500



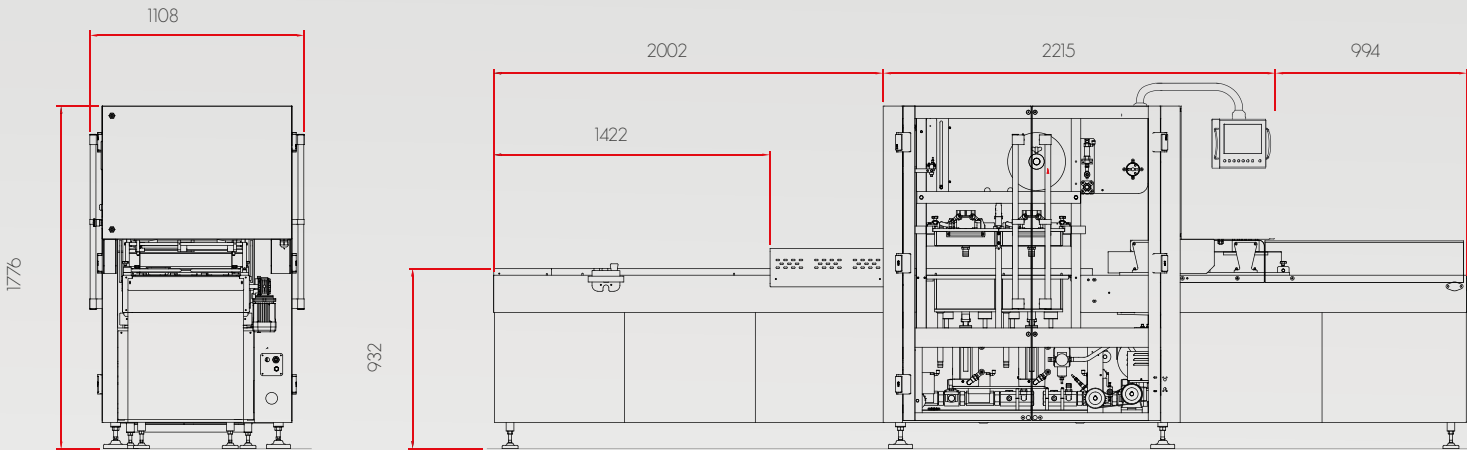
The fully automatic cup thermosealing line mod. TDF 1500 is a unique solution that combines **automatic tray** loading, product feeding, data printing, and aroma-saving lid applicator with a compact design. On top of that, the multi-cavity chain advancing movement allows this machine to reach **higher production capacity**.



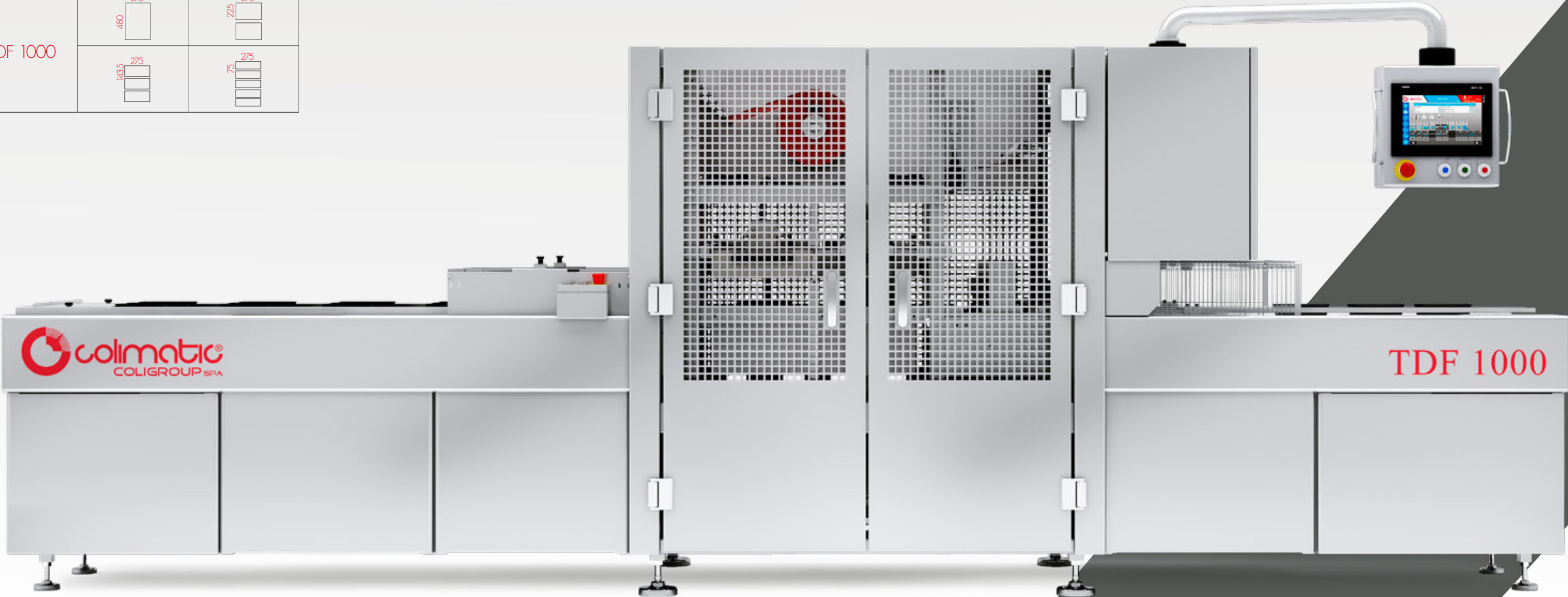


# TDF | 1000

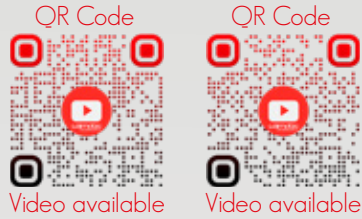
Automatic traysealing mod. TDF 1000 for medium production outputs available only sealing, vacuum, modified atmosphere (MAP) in gas flush or vacuum+gas and SKIN. This **flexible model**, thanks to its modular structure, can also be equipped with **one, two or three sealing stations** simultaneously increasing considerably the output capacity.



MAX. TRAYS DIMENSION			
TDF 1000	<div>275</div> <div>480</div>	<div>275</div> <div>225</div>	
	<div>275</div> <div>1435</div>	<div>275</div> <div>75</div>	



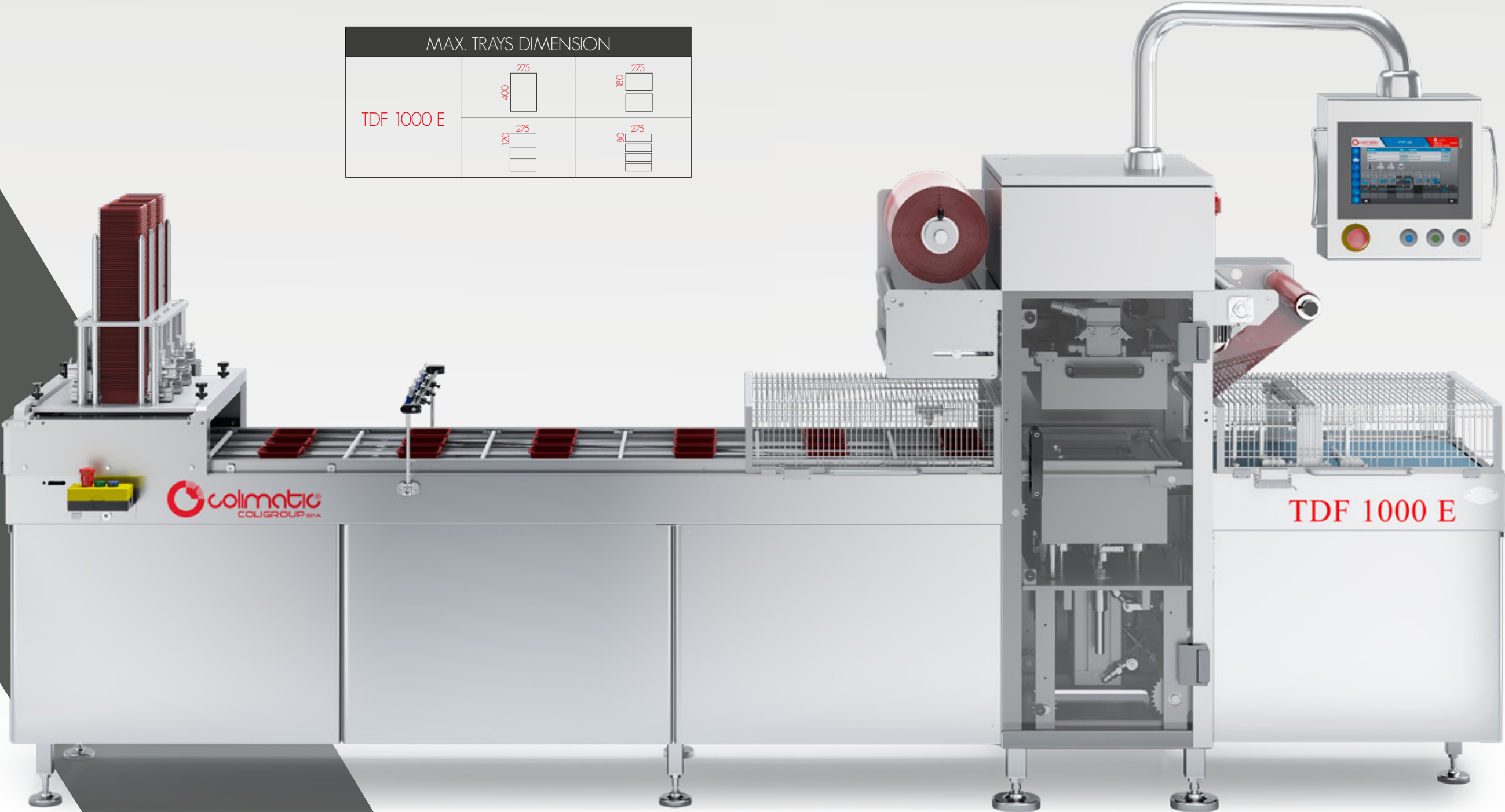
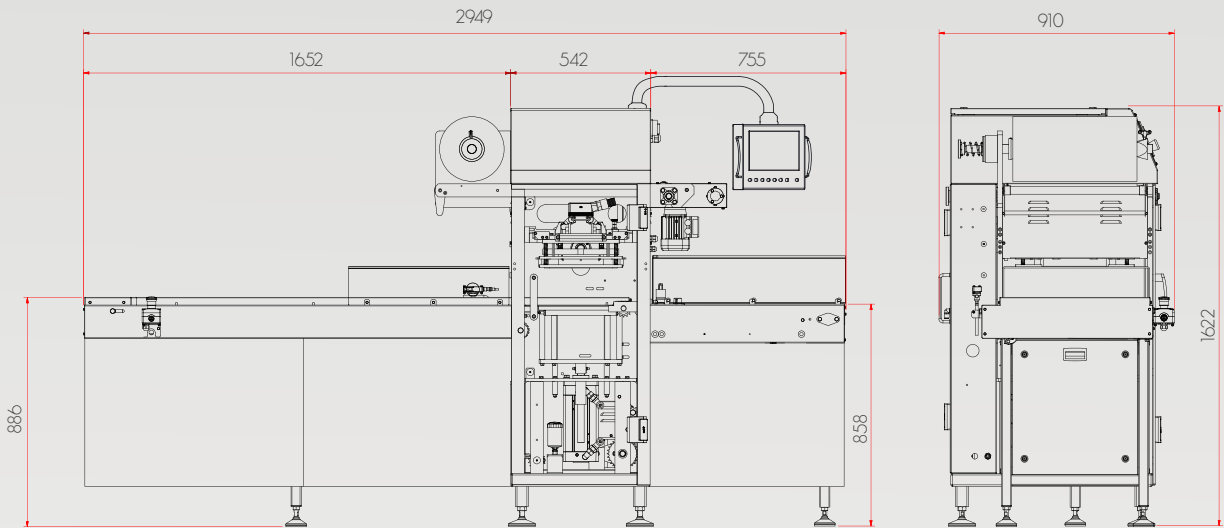
# TDF | 1000 E



Automatic traysealing machine mod. TDF 1000 E for medium production outputs, only sealing or MAP packaging options.

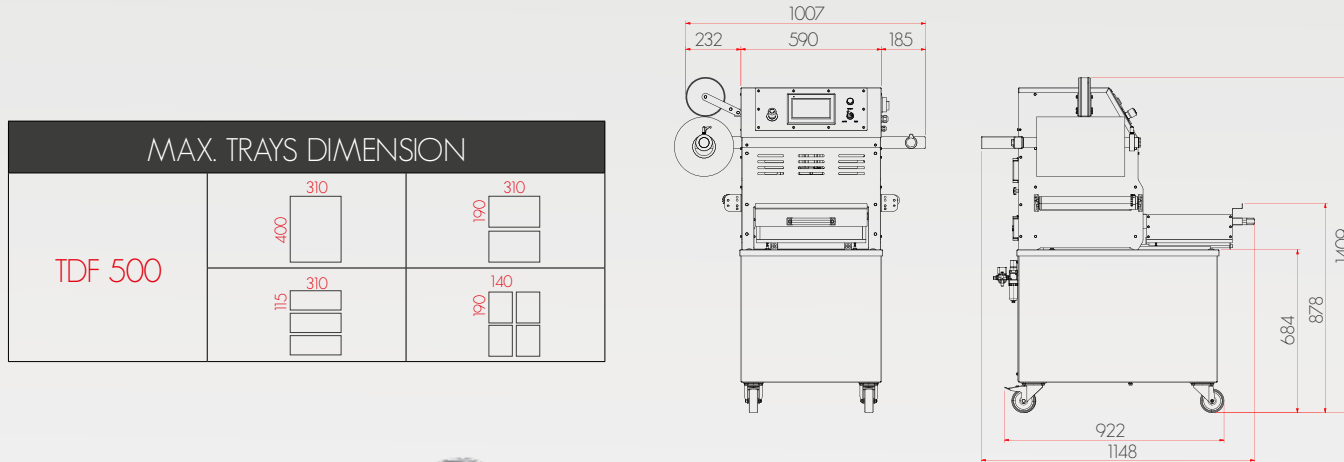


MAX. TRAYS DIMENSION			
TDF 1000 E	400	275	180
	120	275	80



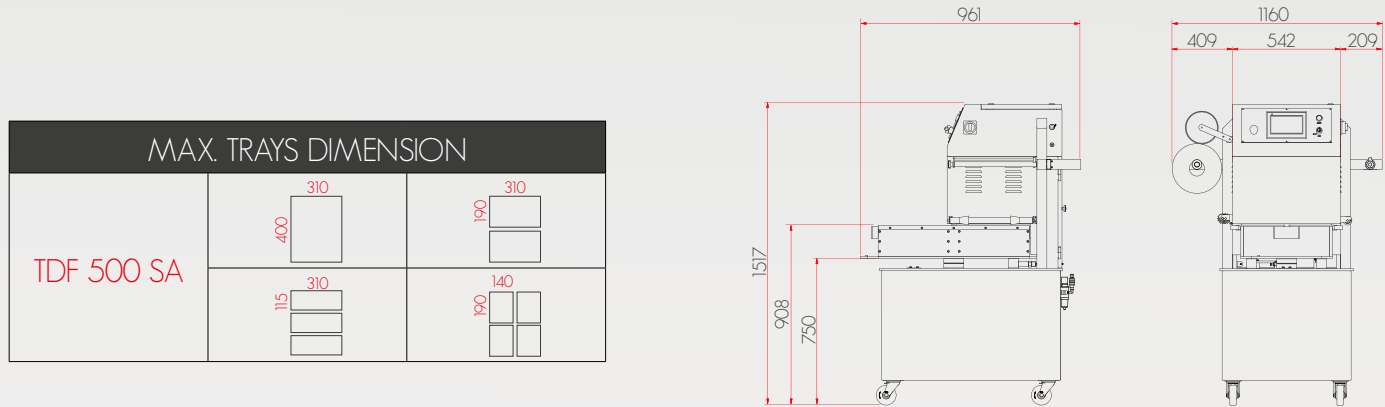
# TDF | 500

Semi-Automatic traysealing machine mod. TDF 500 for small production outputs, only sealing or MAP packaging options.



# TDF | 500 SA

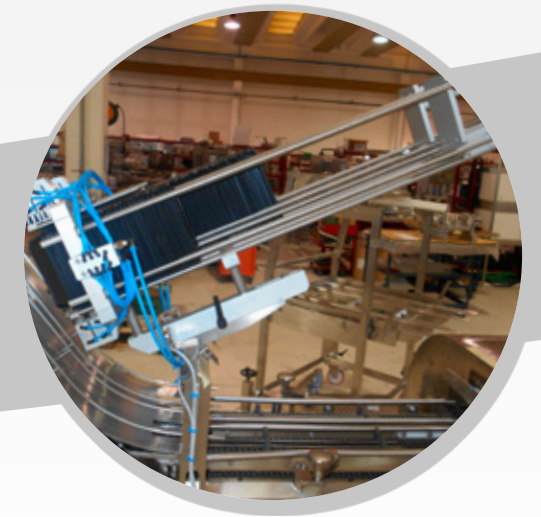
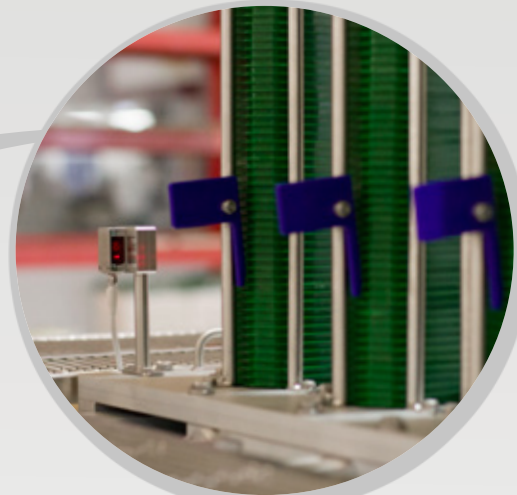
Semi-automatic traysealing machine mod. TDF500 SA with rotary die set table to increase productivity. Suitable to small production output for the packaging under vacuum, modified atmosphere (MAP) or SKIN with premade trays.





# TDF | ACCESSORIES

- ALIGNING SYSTEMS
- AUTOMATIC LOADING SYSTEM FOR PRODUCTS
- AUTOMATIC WEIGHER DOSING UNIT
- AUTOMATIC BAD PRODUCT DISCHARGE
- AUTOMATIC UD POSITIONING SYSTEM
- BOOSTER VACUUM PUMP
- CHECKWEIGHERS
- COOLING SYSTEM WITH CHILLER
- DOSING UNIT MONOPORTION BUTTER
- DOSING UNIT FOR LIQUID AND CREAMY PRODUCTS
- DICED PRODUCTS DOSING SYSTEM
- HEATED DIE SET TROLLEY
- HOTFOIL INK-JET/THERMAL TRANSFER PRINTER
- LABELLERS
- LID APPLICATOR
- MULTIPLE DE-NESTING SYSTEM
- METAL DETECTOR AND XRAY CONTROL
- PICK&PLACE LOADING SYSTEM
- ROBOT LOADING SYSTEM
- ROBOT PICK&PLACE
- SYNCHRONIZATION UNIT BETWEEN DOSER AND MACHINE
- SAUCES DOSING SYSTEMS
- TWIN-REEL HOLDERS
- TRAY DE-NESTING SYSTEM



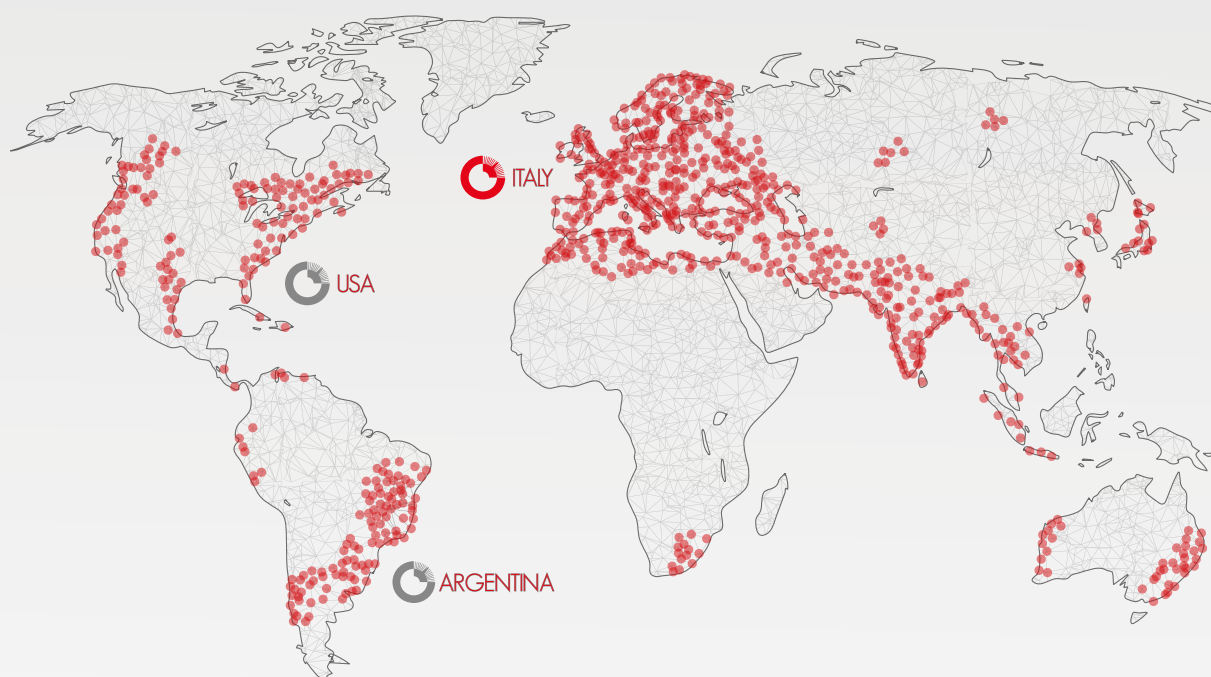


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