



FINPAC

www.finpac.it - info@finpac.it



...the sleeve specialist @ your service!



FINPAC ITALIA... YOUR SHRINK SLEEVE SPECIALIST

Finpac has been a benchmark in packaging and sleeving machines for more than 30 years.

Since the appearance of the shrink sleeve labeling technology in the late 1980s, the company was among the first companies to market this technology in Europe, dealing directly with installation, commissioning and after-sales service.

In 2005, all the experience gained in the sector and with end customers was incorporated into the first shrink sleeve system designed entirely in-house. Today, Finpac systems operate successfully in over 40 countries.

Thanks to a team of professionals in the beverage, packaging, printing and converting sectors, the company supports customers in all phases of the project, supporting them with a dedicated team of technicians for international installations and remote assistance.

Finpac embraces the concept of kaizen, which involves everyone in the constant improvement of products and services offered.

The projects are tailored to the needs of the customer and his product, and designed to achieve the highest standards of efficiency, using advanced materials and solutions, for solutions reaching speeds up to 72,000 bph. The constant R&D activity allows Finpac to respond in an effective and increasingly aware way to a market, that of packaging, in continuous evolution.

Shrink Sleeve: an all-round offer

Finpac provides state-of-the-art solutions for shrink labeling: applicators and complete lines, designed to meet the needs of very different customers and products, and always offer the best possible labelling experience.

The offer includes solutions for every type of application and material (including recycled and eco-friendly materials), developed in the beverage, cosmetics and detergent sectors, in synergy with the most prestigious companies in the world of packaging.

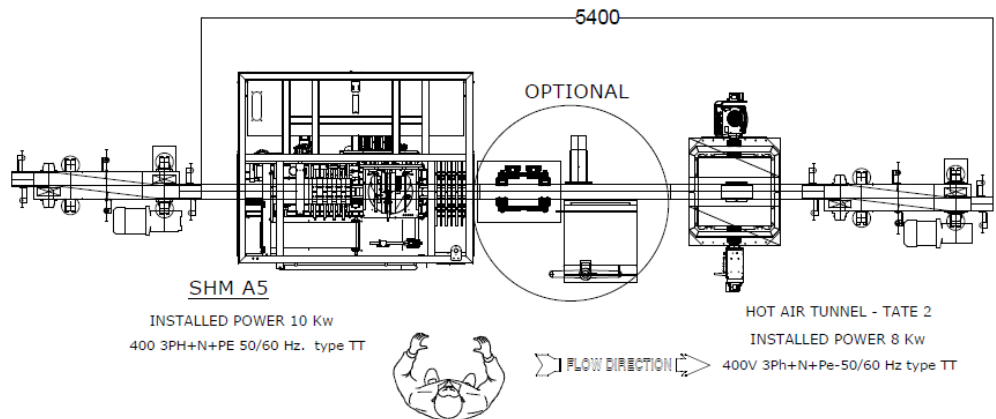
Finpac shrink sleeve solutions are the result of a continuous innovation process and constant research and development, which allows to offer more and more reliable, performing and efficient products. The company can boast a unique know-how, built in the many international projects successfully completed. At the base of the solutions for the application of shrink labels are Finpac iconic series of versatile sleeve applicators, with multiple configurations and dedicated accessories to meet different support needs, application type and speed

Production & Manufacturing Finpac site powered by 100% renewable energy and ZERO CO2 emissions

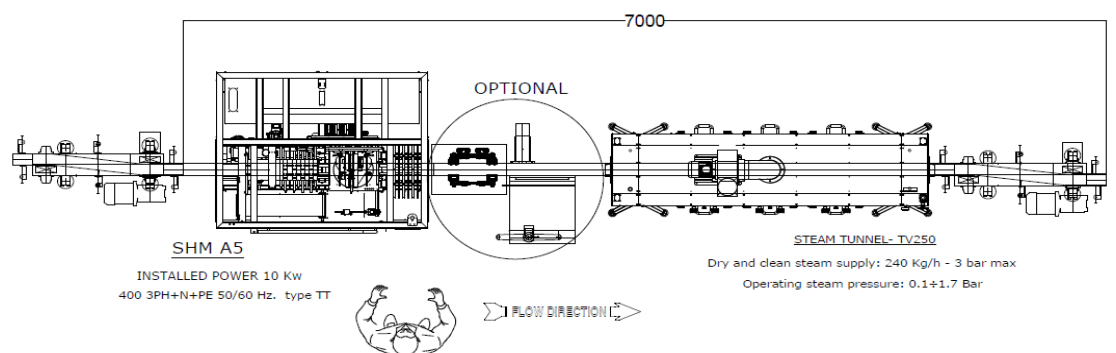
SHM A5 MODEL



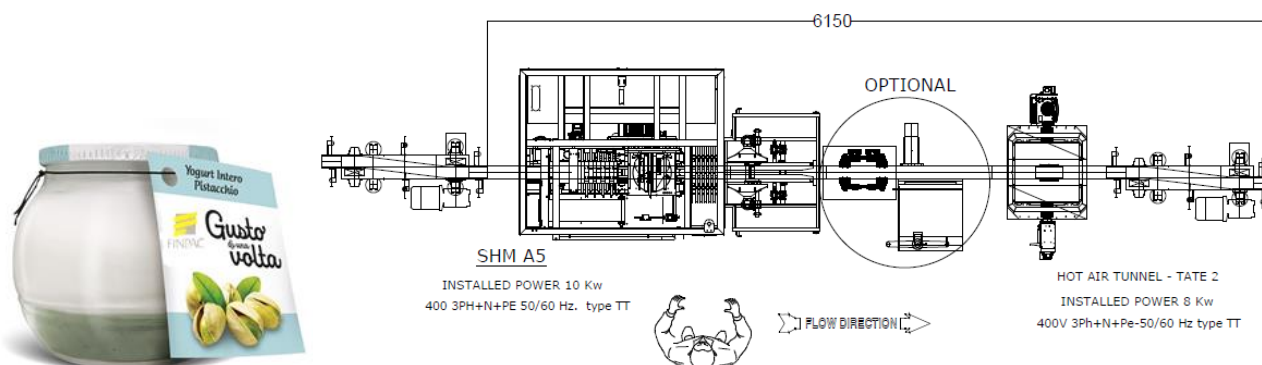
FOR TAMPER EVIDENT APPLICATION



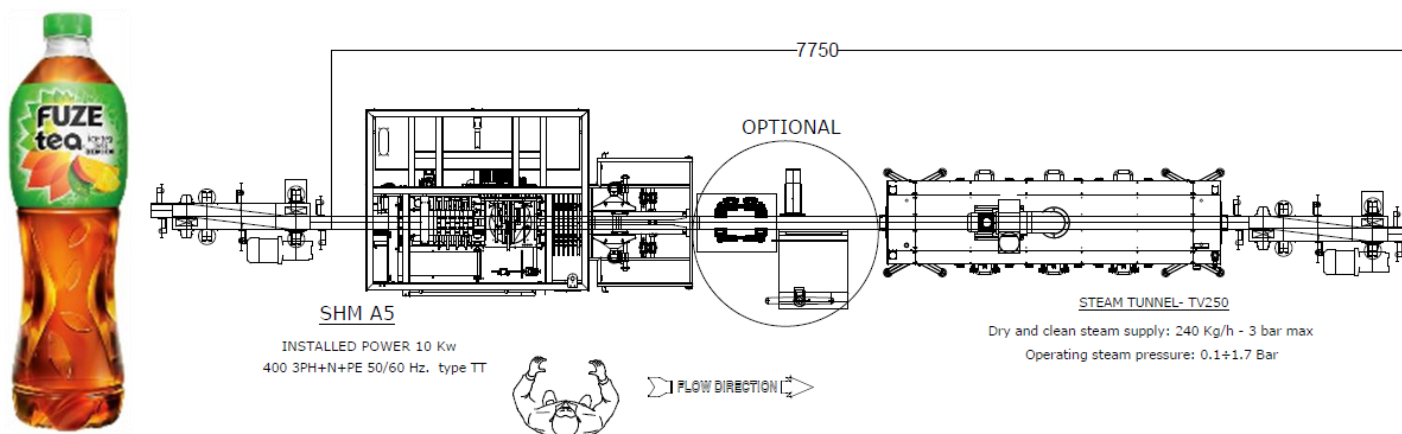
FOR FULL BODY APPLICATION



FOR TAMPER EVIDENT APPLICATION WITH FIXING SYSTEM



FOR FULL & PARTIAL BODY (MIDDLE/TOP) APPLICATION

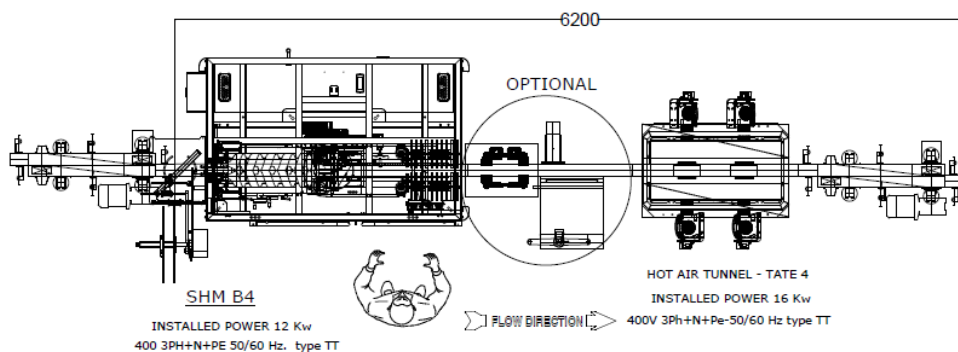


CONTAINER SIZE	Ø 38 - 110 MM
CONTAINER HEIGHT	MAX 330 MM
OPERATING SPEED	FULL BODY UP TO 12.000 BPH TAMPER EVIDENT 15.000 BPH
INSTALLED POWER MACHINE	10 KW - 400 V 3 PH+N+PE – 50/60 HZ TYPE TT
INSTALLED POWER HOT AIR TUNNEL	8 KW - 400 V 3 PH+N+PE – 50/60 HZ TYPE TT
STEAM SUPPLY	240 KG/H - 3 BAR MAX

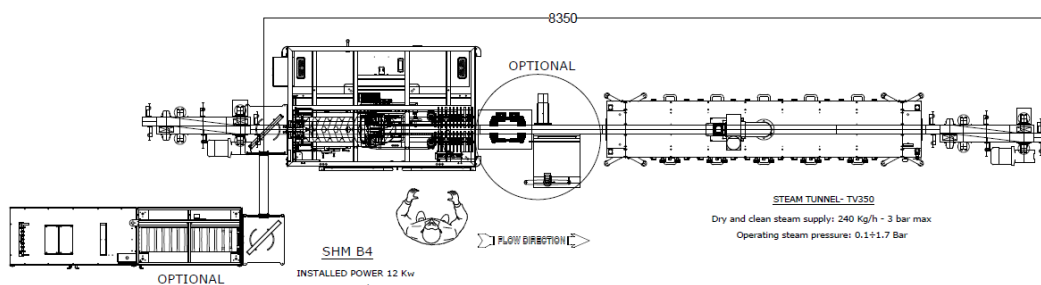
SHM B4 MODEL



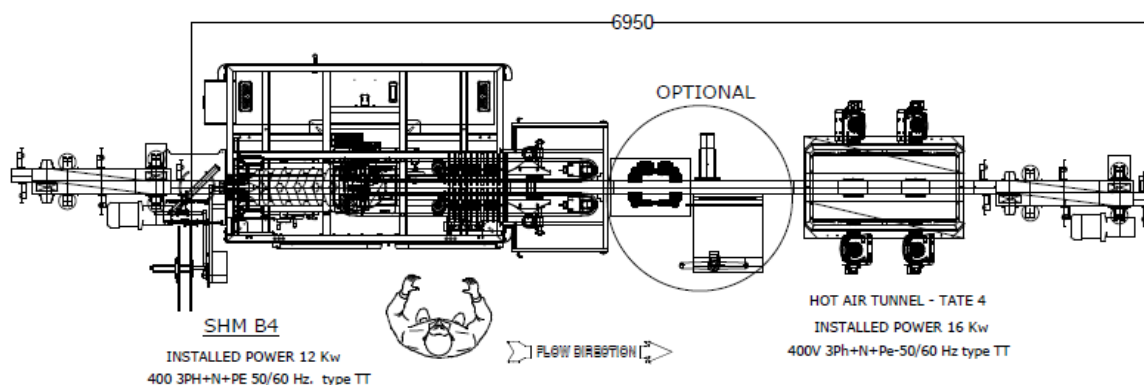
FOR TAMPER EVIDENT APPLICATION



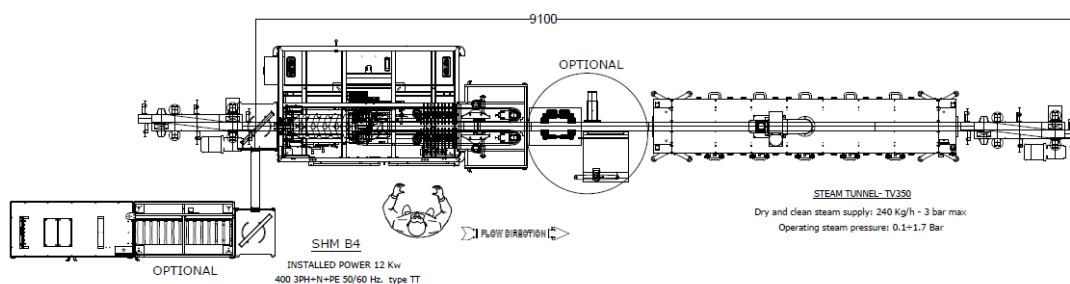
FOR FULL BODY APPLICATION



FOR TAMPER EVIDENT APPLICATION WITH FIXING SYSTEM



FOR FULL & PARTIAL BODY (MIDDLE/TOP) APPLICATION

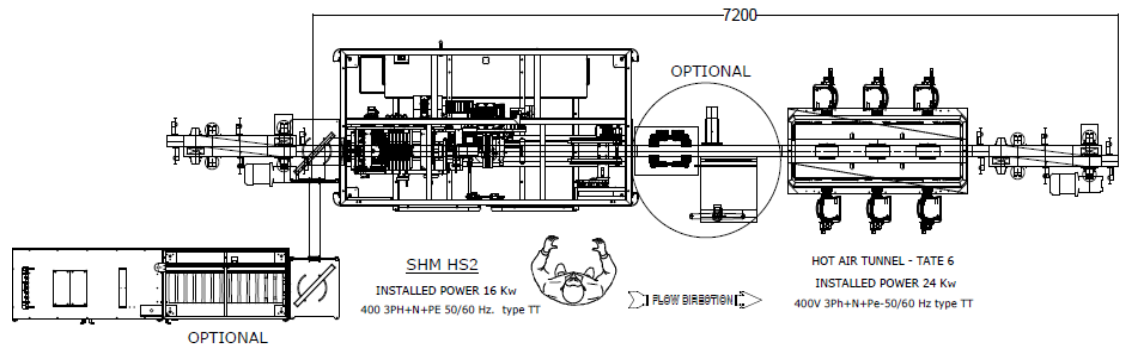


CONTAINER SIZE	Ø 19 - 148 MM
CONTAINER HEIGHT	MAX 330 MM
OPERATING SPEED	FULL BODY UP TO 18.000 BPH TAMPER EVIDENT 21.000 BPH
INSTALLED POWER MACHINE	12 KW - 400 V 3 PH+N+PE - 50/60 HZ TYPE TT
INSTALLED POWER HOT AIR TUNNEL	16 KW - 400 V 3 PH+N+PE - 50/60 HZ TYPE TT
STEAM SUPPLY	240 KG/H - 3 BAR MAX

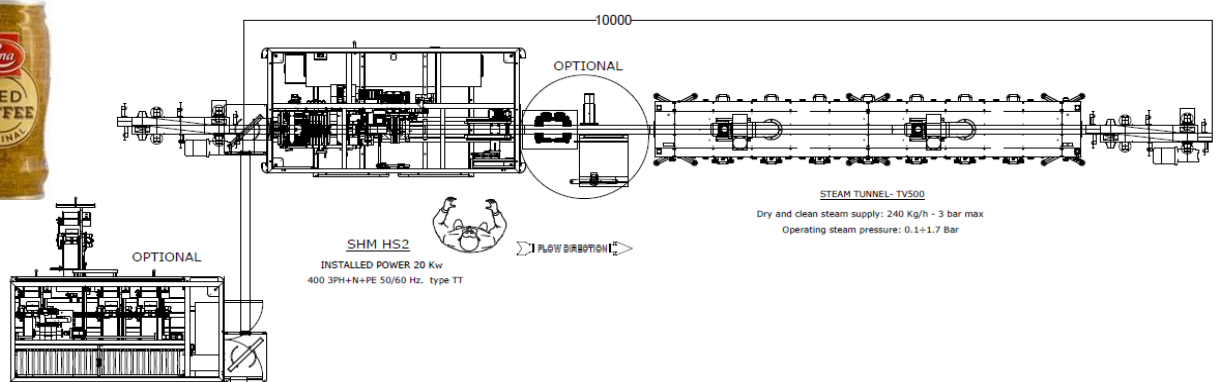
SHM HS MODEL



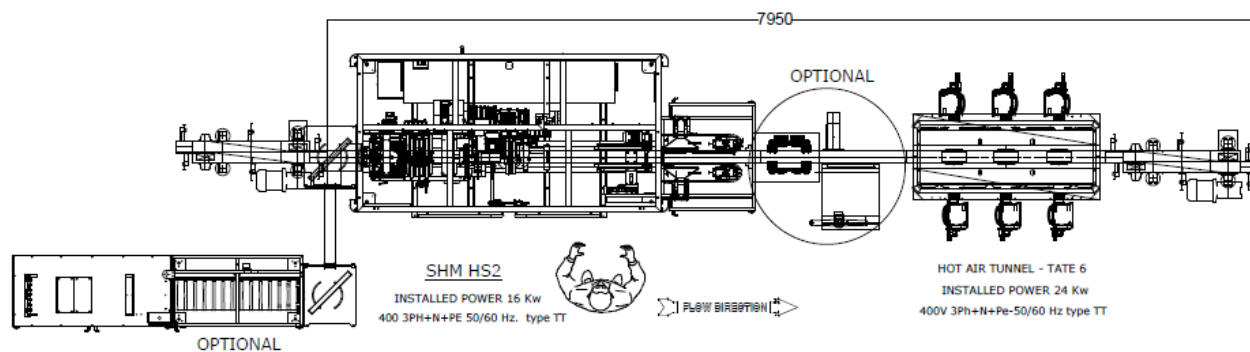
FOR TAMPER EVIDENT APPLICATION



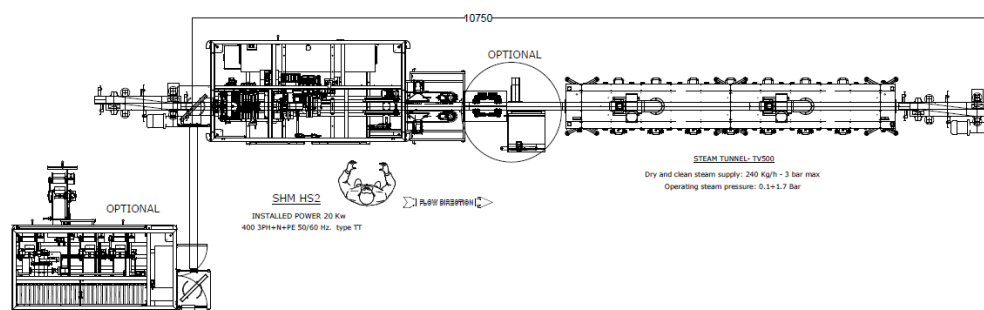
FOR FULL BODY APPLICATION



FOR TAMPER EVIDENT APPLICATION WITH FIXING SYSTEM



FOR FULL & PARTIAL BODY (MIDDLE/TOP) APPLICATION

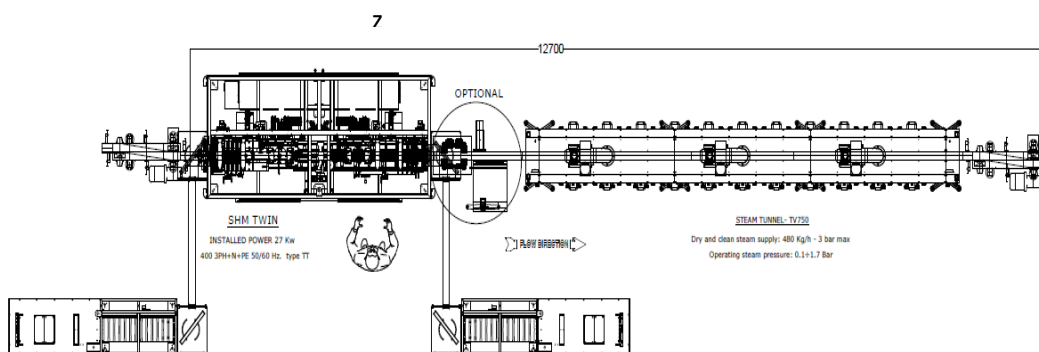


CONTAINER SIZE	Ø 32 - 107 MM
CONTAINER HEIGHT	MAX 330 MM
OPERATING SPEED	FULL BODY UP TO 36.000 BPH TAMPER EVIDENT 42.000 BPH
INSTALLED POWER MACHINE	20 KW - 400 V 3 PH+N+PE - 50/60 HZ TYPE TT
INSTALLED POWER HOT AIR TUNNEL	24 KW - 400 V 3 PH+N+PE - 50/60 HZ TYPE TT
STEAM SUPPLY	240 KG/H - 3 BAR MAX

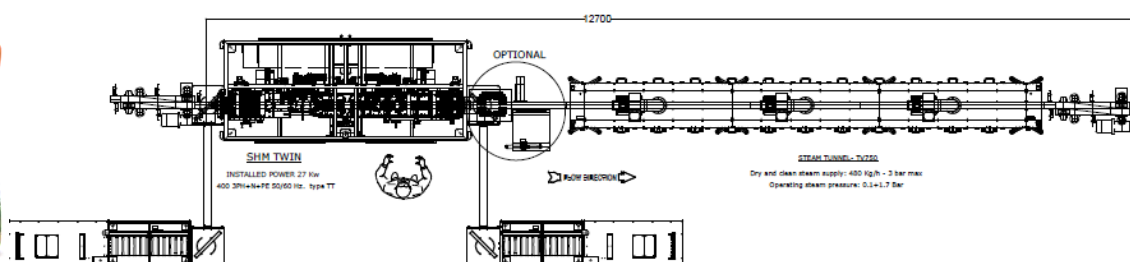
SHM TWIN MODEL



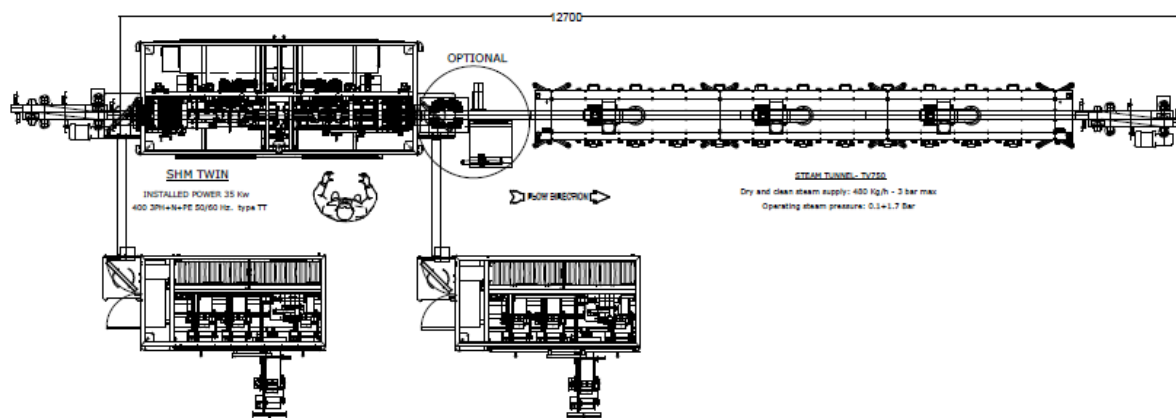
FOR TAMPER EVIDENT APPLICATION



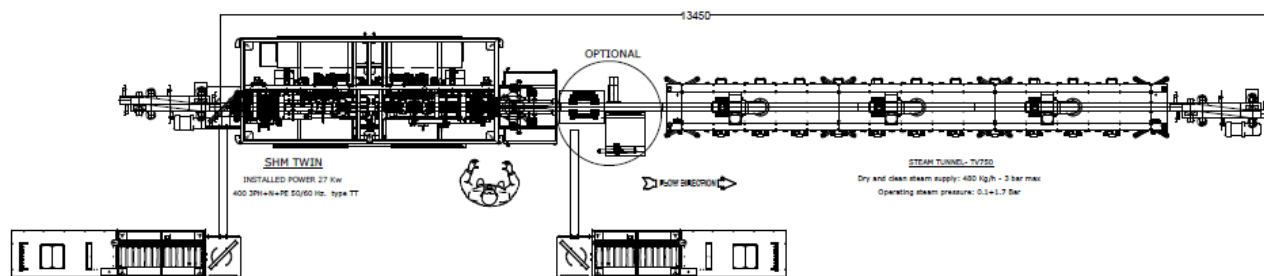
FOR FULL BODY APPLICATION WITH SEMI AUTOMATIC SPLICING UNIT



FOR FULL BODY APPLICATION WITH AUTOSPLICE UNIT

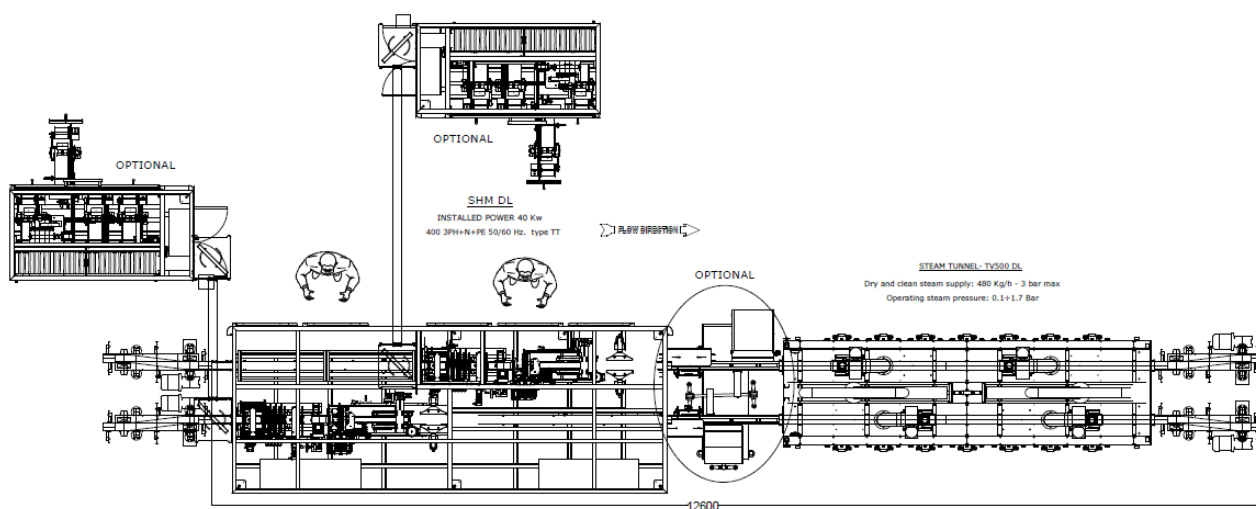


FOR TAMPER EVIDENT, FULL & PARTIAL BODY (MIDDLE/TOP) APPLICATION WITH FIXING



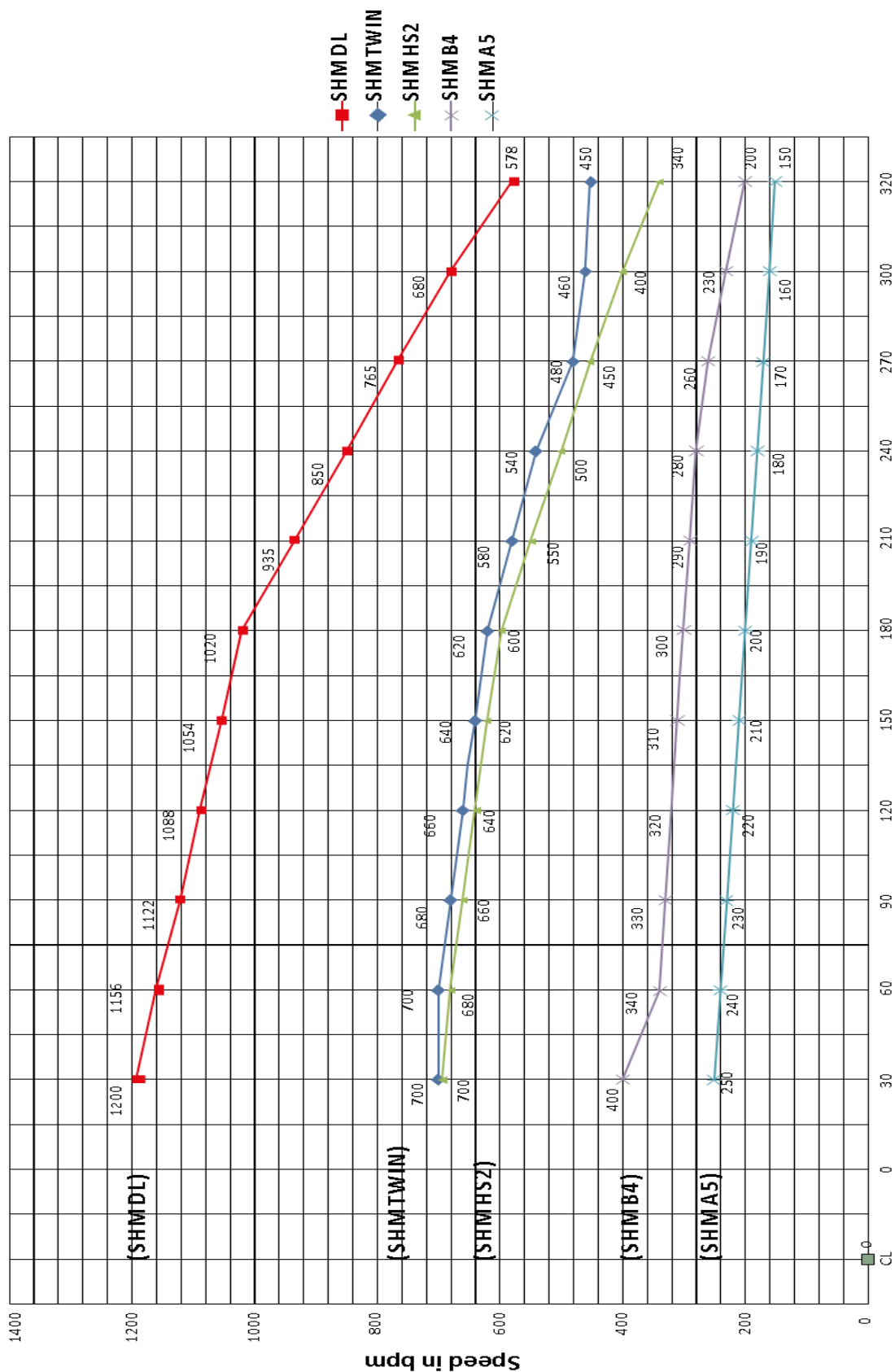
CONTAINER SIZE	Ø 32 - 107 MM
CONTAINER HEIGHT	MAX 330 MM
OPERATING SPEED	FULL BODY UP TO 42.000 BPH TAMPER EVIDENT UP TO 48.000 BPH
INSTALLED POWER	27 KW - 400 V 3 PH+N+PE – 50/60 HZ TYPE TT
STEAM SUPPLY	480 KG/H - 3 BAR MAX

SHM DL MODEL



CONTAINER SIZE	Ø 32 - 107 MM
CONTAINER HEIGHT	MAX 330 MM
OPERATING SPEED	FULL BODY UP TO 72.000 BPH
INSTALLED POWER	40 KW - 400 V 3 PH+N+PE – 50/60 HZ TYPE TT
STEAM SUPPLY	480 KG/H - 3 BAR MAX

SPEED DIAGRAM



SLEEVE POSITIONERS

For perfect sleeves positioning before shrinking

BRUSH TYPE

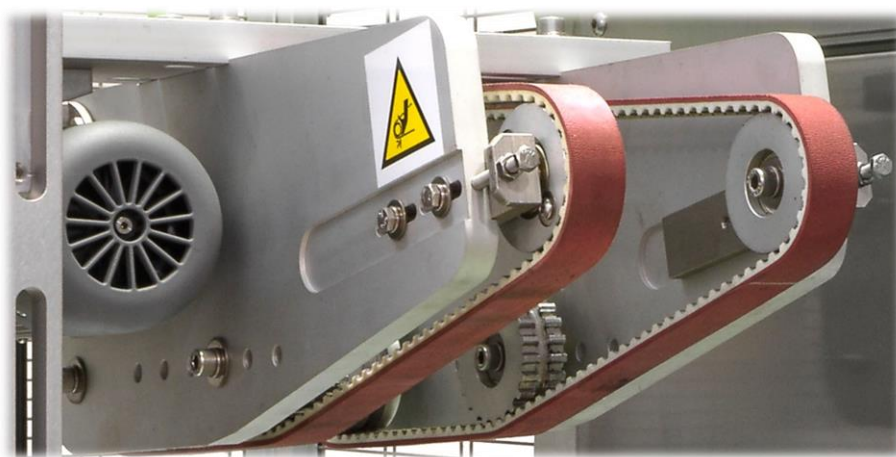


VIBRATION TYPE



MOTORIZED BELT

Motorized belts system to correctly position the sleeve before shrinking, without any sleeve rotation/bumping



MOVABLE SLEEVING HEAD ORIENTATION DEVICE

To optimize sleeve orientation on oval and shaped bottle/containers



SLEEVE FIXING SYSTEM

Static or motorized guides + hot-air blades (Leisters) to keep the shoulder/partial body sleeve / tamper evident in the correct position before shrinking.

STATIC TYPE



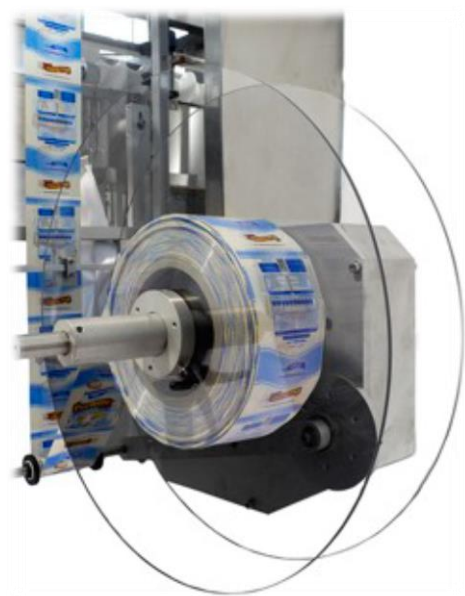
DYNAMIC TYPE



REEL HOLDERS

ON BOARD

At floor level



SEMI-AUTOMATIC

2 reels + 100 meters of buffer



FULLY AUTOMATIC

4 reels with automatic splice



"T" PRE-PERFORATION UNITS

Vertical and/or horizontal direction micro-holes application for tamper evident easy opening.

PNEUMATIC



MECHANIC



TETRA-GUIDE UNIT

The tetra-guide unit is a device to apply two additional folds into the sleeve for an enhanced stability of the sleeve during application & shrinkage: it is positioned between the sleeve accumulation and the dancer module.



REJECTION SYSTEMS WITH ACCUMULATION TABLE

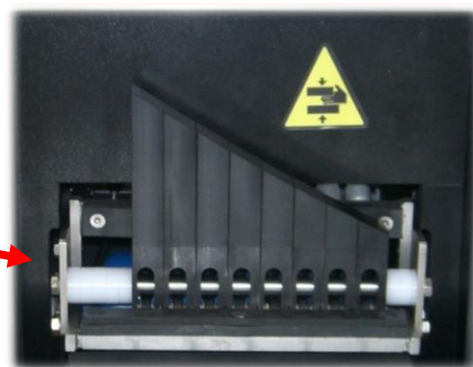
Positioned between sleeve applicator and shrink tunnel

Optimizes machine-and line efficiency by detecting:

- the presence of the sleeve
- height position of the sleeve before shrinking
- presence of splices

if necessary, the container is rejected on a stationery accumulation table.

FOR GLASS CONTAINERS & ALU CANS



FOR EMPTY PLASTIC CONTAINERS



FOR FILLED PLASTIC CONTAINERS



SHRINK SLEEVE TUNNELS

3 SECTIONS STEAM



5 SECTIONS STEAM

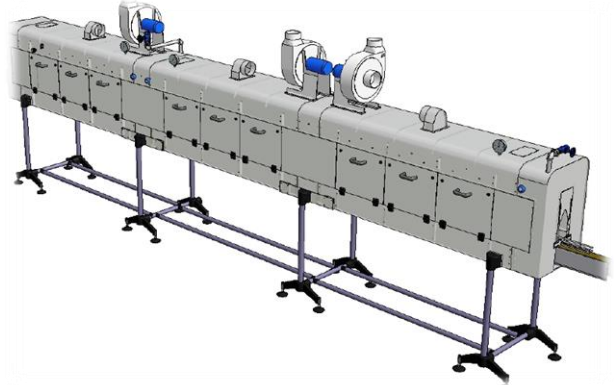


7 SECTIONS STEAM

11 SECTIONS STEAM



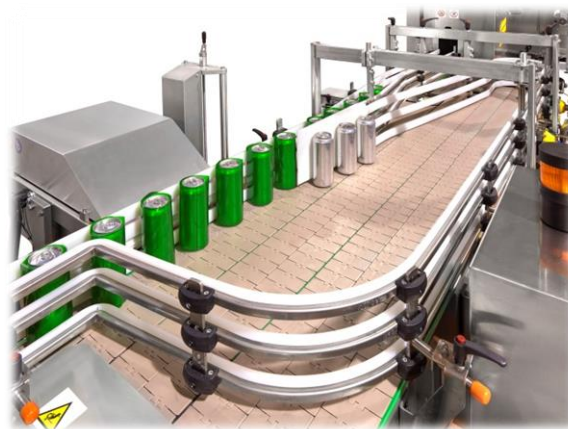
14 SECTIONS STEAM IN DUAL LANE



ELECTRIC



**CONVEYOR MODULES & CUSTOMIZED BUFFERS
FOR GLASS BOTTLE AND CAN**



Motorized conveyor: Stainless steel conveyor frame (**AISI 304 L**) equipped with a slat top chain.

SPECIAL EXECUTION TO CREATE UNDERLAP BEFORE SHRINKING COMPOSED BY:

- Lifting device
- sleeve bottom pre-shrink by hot air



The conveyor is supplied with bottle infeed & outfeed flow management system and interface together with relevant photocells and supports for the same.

Frame width is 100 mm and chain width is 82,5 mm.

CONVEYOR IS EQUIPPED WITH A DRIP TRAY FOR USE IN COMBINATION WITH A STEAM TUNNEL.**VACUUM SYSTEM**

Vacuum system for empty bottles stability.

NEBULIZATION UNIT

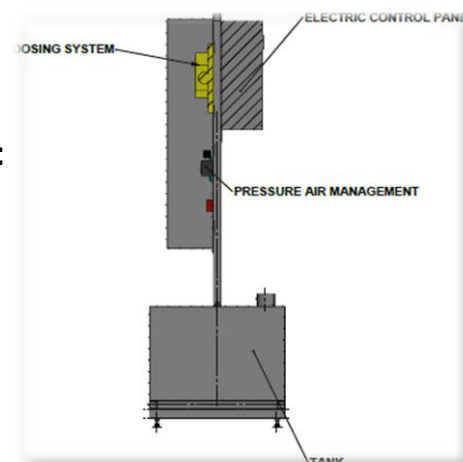
The device consists of a system that includes and distributes a liquid solution on compressed air onto the bottles in transit on the conveyor. It is also equipped with a system that checks either liquid quantity and concentration.

Through the use of a series of nozzles and the aid of pressure regulators it is possible to adjust the quantity, the shape of the spray and the concentration of the solute inside the water.



This system must be powered by:

- 24V power cord
- Signal exchange cable
- Compressed air
- Running water



Concentrated liquid (including a 40-liter non-pressurized tank)

The machine provides a start signal and two output error signals, one indicating a malfunction and one the "almost liquid end", in order to allow the operator of the machine used as master to recharge the concentrate without stopping the line.

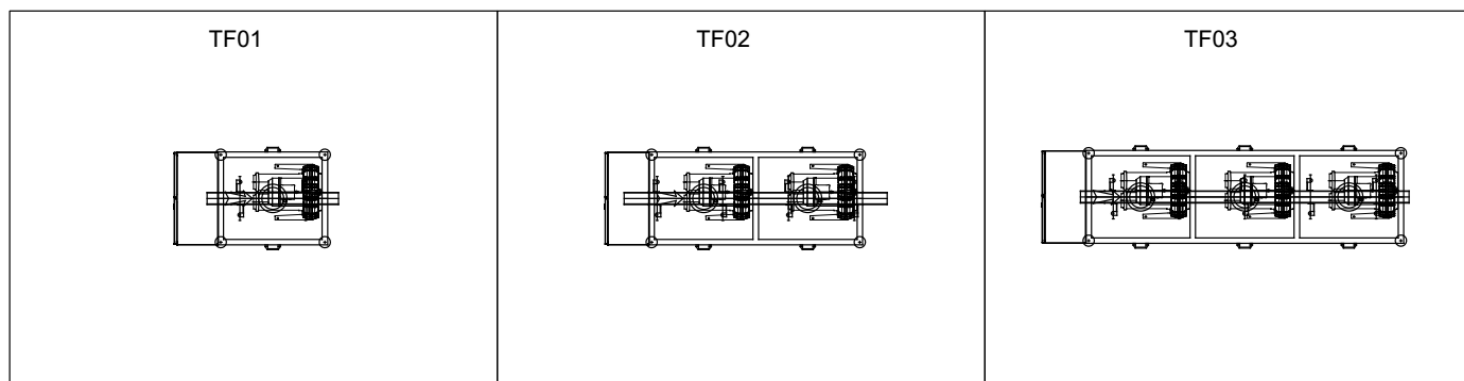
(Recommended product to be used: DIVERSAY SUMA SELECT – A7)

DRIERS



To perform a mechanical action by blowing pressurized air at different rates and pressures and a thermal action by heated air on the containers body in order to obtain a correct labelling operation.

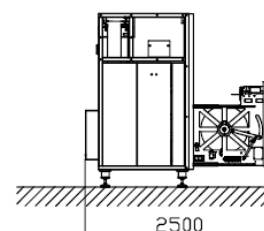
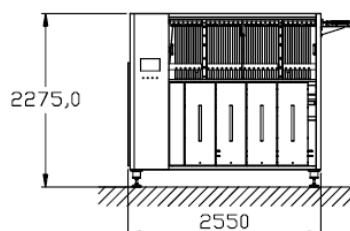
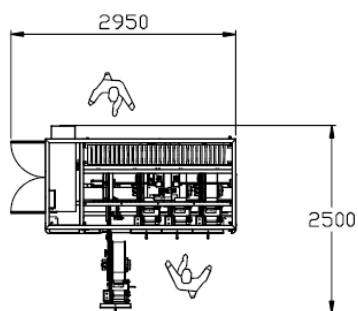
The main component of the drying system is a centrifugal blower that feeds nozzles, whose position and orientation can be adjusted according to the shape of the containers: the typical blade like air jet of the nozzles guarantees the maximum operation efficiency.



FINPAC AUTOSPLICER



- + The new Autosplicer is equipped with 4 Rolls with an overall autonomy of 4.000 mt of sleeves (i.e. about 40.000 sleeves cut length of 100 mm).
- + On request it is possible to increase the number of rolls up to a maximum of 6.
- + The new system is conceived to guarantee a nonstop production for high speed machines.
- + It is possible to set the quantity of sleeves to be unreeled for each single roll for easy product change over and residual autonomy collection.
- + The splice, between the sleeve in use and the new roll, occurs automatically, without manual intervention by the operator, and the system joints the new roll with the old one, leaving about 2/3 mm of space between the two edges.
- + The splice is made with aluminized tape which is detected by a proximity sensor and can therefore be easily rejected.



TOTAL POWER SUPPLY	5 KW "E"
AIR SUPPLY	100 NL/MIN. "F"
400 V	3PH+N+PE-50/60 HZ TYPE TT



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