

IS-3N SERIES INTERMITTENT



Continuous Packaging Machines with Shrink Tunnel
Confezionatrici in Continuo con Tunnel di Termoretrazione
Envasadoras Continuas con Túnel Retrácil

THE COMPACT SOLUTION

FOR THE NEEDS OF THE BIG COMPANY AND THE SMALL ARTISAN.



The continuous automatic packaging machines are characterized by the excellent quality / price ratio and their modularity.

All models in this range mount the welding system for the reduction of the waste film to 2 cm.

Absolute advantages to traditional angular welding machines: to pack products with unlimited length, to increase production capacity. The IS EXPERIENCE series with intermittent cycle continuous welding can be used with polyolefin and polythene films, single-fold polypropylene or flat leaf with folding systems. Productions up to 7200 packs hour.

Le confezionatrici automatiche in continuo si caratterizzano per l'eccellente rapporto qualità prezzo e per la propria modularità.

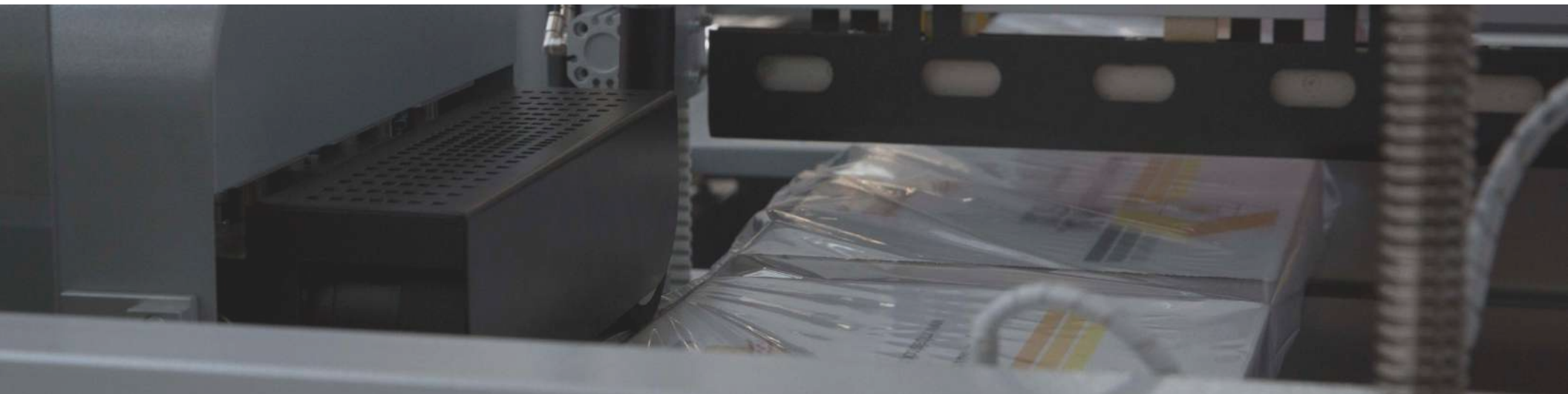
Tutti i modelli di questa gamma montano il sistema saldante per la riduzione del film di scarto a 2 cm.

Vantaggi assoluti alle tradizionali macchine a saldatura angolare : poter imbustare prodotti con lunghezza illimitata, aumento capacità produttive. La serie IS EXPERIENCE con saldatura in continuo intermittente è utilizzabile con pellicole di Poliiolefina e Politene, Polipropilene monopiega o foglia piana con sistemi piegatori. Produzioni fino a 7200 pacchi ora.

Las máquinas de envasado automático continuo se caracterizan por la excelente relación calidad / precio y su modularidad.

Todos los modelos de esta gama tienen el sistema de soldadura para reducir la película de desecho a 2 cm.

Ventajas absolutas para las máquinas de soldadura angular tradicionales: permiten empacar productos con una longitud ilimitada, aumentar la capacidad de producción. La serie IS EXPERIENCE con movimiento soldadura continua de ciclo intermitente se puede utilizar con películas de poliolefina y polietileno, polipropileno mono pliegue o hoja plana con sistemas de plegado. Producciones hasta 7200 cada hora.



SMART MACHINE FOR THE REDUCTION OF PRODUCTION TIMES

Benefits and Features

- 1 Intermittent Movement System
- 2 Motorized transversal bar controlled by inverter and encoder
- 3 Side welding system for hot blade clutch
- 4 Motorized welding centering system
- 5 Mitsubishi Counter Sysema equipped with:
 - 7 "wide panel PC and touch screen monitor with user-friendly PLC
 - power section and drives consisting of:
 - inverter for all engines
 - control modules with 32 digital inputs / outputs
 - command modules with analog inputs
 - thermocouple reading control modules
 - possibility to memorize more than 80 work cycles
- 6 Possibility of remote control
- 7 Reduced energy consumption
- 8 Compliance with CE regulations

Vantaggi e Caratteristiche

- 1 Ciclo di Lavoro Intermittente
- 2 Barra trasversale motorizzata controllata da inverter ed encoder
- 3 Sistema di saldatura laterale per frizione a lama calda
- 4 Sistema motorizzato di centratura della saldatura
- 5 Sistema di Controllo Mitsubishi dotato di:
 - panel PC e monitor Touch screen a colori 7" wide dotato di PLC user-friendly
 - sezione di potenza e azionamenti composto da:
 - inverter per tutti i motori
 - moduli di comando a 32 ingressi/uscite digitali
 - moduli di comando a ingressi analogici
 - moduli di controllo lettura termocoppie
 - possibilità di memorizzare più di 80 cicli di lavoro
- 6 Possibilità di controllo da remoto
- 7 Ridotto consumo energetico
- 8 Conformità normative CE

Beneficios Características

- 1 Sistema de movimiento intermitente
- 2 Barras motorizadas transversales controladas por inductor y encoder.
- 3 Sistema de soldadura lateral 3 para embrague de hoja caliente.
- 4 Sistema de centrado de soldadura motorizado.
- 5 Mitsubishi Counter Sysema equipado con:
 - Monitor de pantalla táctil y PC de panel ancho de 7 "con PLC fácil de usar
 - Sección de potencia y accionamientos compuesto por:
 - Inversor para todos los motores.
 - Módulos de control con 32 entradas / salidas digitales.
 - Módulos de mando con entradas analógicas.
 - Módulos de control de lectura de termopares.
 - Posibilidad de memorizar más de 80 ciclos de trabajo.
- 6 Posibilidad de control remoto
- 7 Reducido consumo de energía.
- 8 Cumplimiento de la normativa CE.

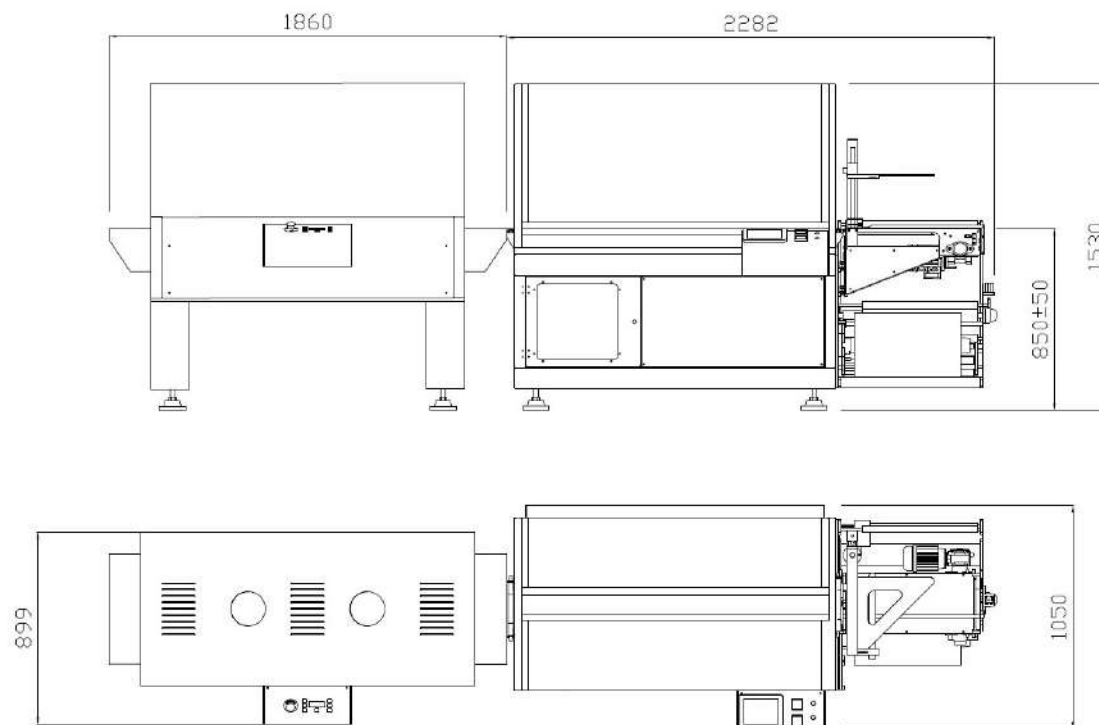


	Polyolefins	Polypropylene	Polyethylene
	9-30 my	20-40 my	15-150 my

IS 350 N - EXPERIENCE

Production from 55 to 70 pieces per minute.
Produzione da 55 a 70 pezzi al minuto.
Producción desde 55 hasta 70 piezas por minuto.

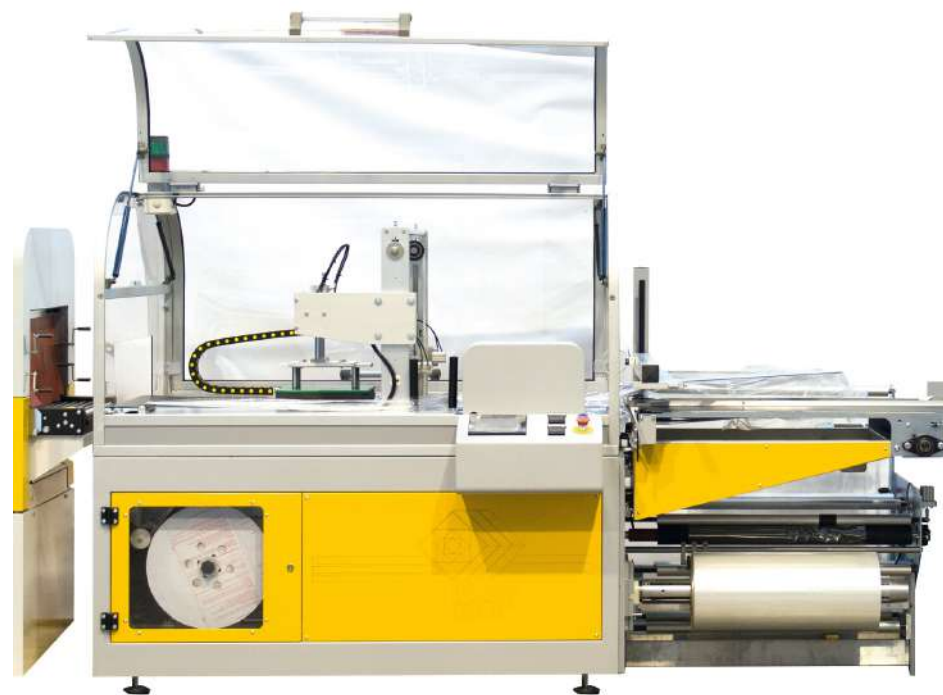
Ideal for small spaces and small products
Ideale per spazi ridotti e piccoli prodotti
Ideal para espacios pequeños y productos pequeños.



Automatic continuous packaging machine with 3 mats (intermittent cycle)
Transversal sealing bar: 350 mm
Maximum height of the package: 220 mm (optional 400mm)
Motorized belt approach device controlled by inverter

Confezionatrice automatica in continuo a 3 tappeti(ciclo intermittente)
Barra saldante trasversale: 350 mm
Altezza massima del pacco : 220 mm
Dispositivo avvicinamento tappeti motorizzato controllato da inverter

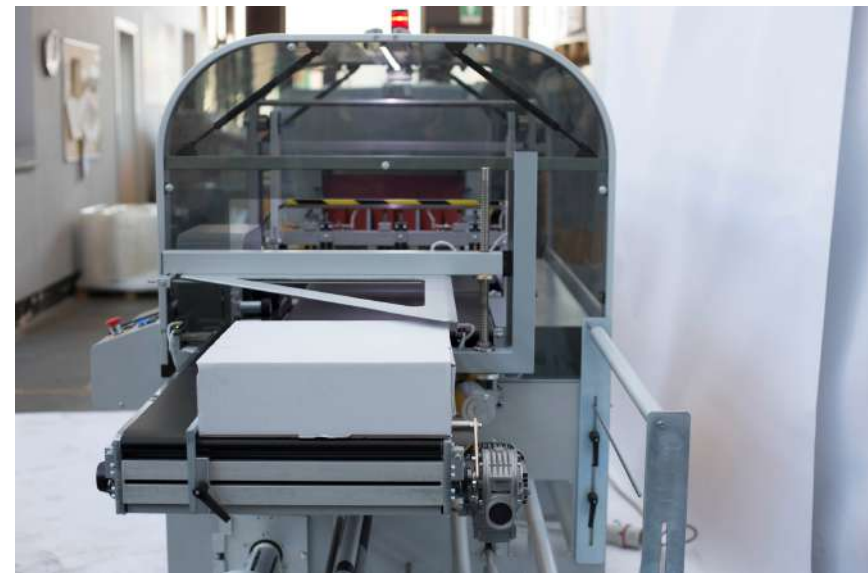
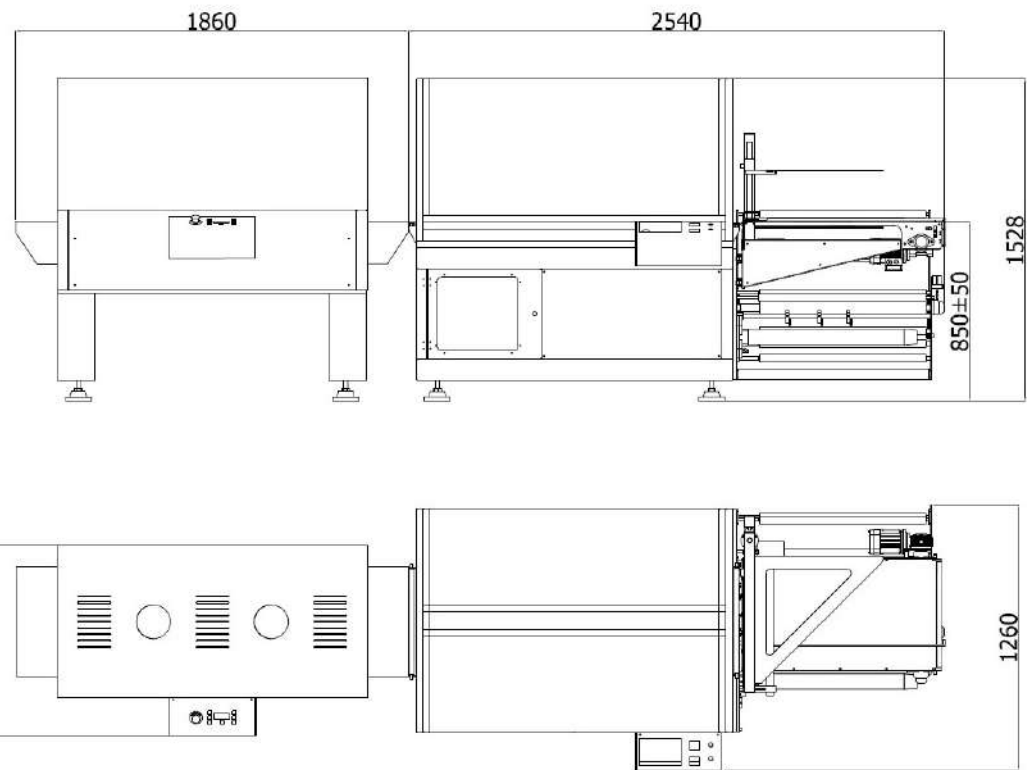
Máquina automática de envasado continuo con 3 esteras (ciclo intermitente).
Barra de sellado transversal: 350 mm
Altura máxima del paquete: 220 mm (optional 400mm)
Dispositivo motorizado de aproximación por correa controlado por inversor.



IS 600 N - EXPERIENCE

Production from 55 to 70 pieces per minute
Produzione da 55 a 70 pezzi al minuto.
Producción desde 55 hasta 70 piezas por minuto.

Ideal for medium-sized products
Ideale per prodotti di medie dimensioni
Ideal para productos de tamaño mediano.



Automatic continuous packaging machine with 3 mats (intermittent cycle)
Transversal sealing bar: 600 mm
Maximum height of the package: 250 mm (optional 400mm)
Motorized belt approach device controlled by inverter.

Confezionatrice automatica in continuo a 3 tappeti(ciclo intermittente)
Barra saldante trasversale: 600 mm
Altezza massima del pacco : 250 mm (optional 400mm)
Dispositivo avvicinamento tappeti motorizzato controllato da inverter

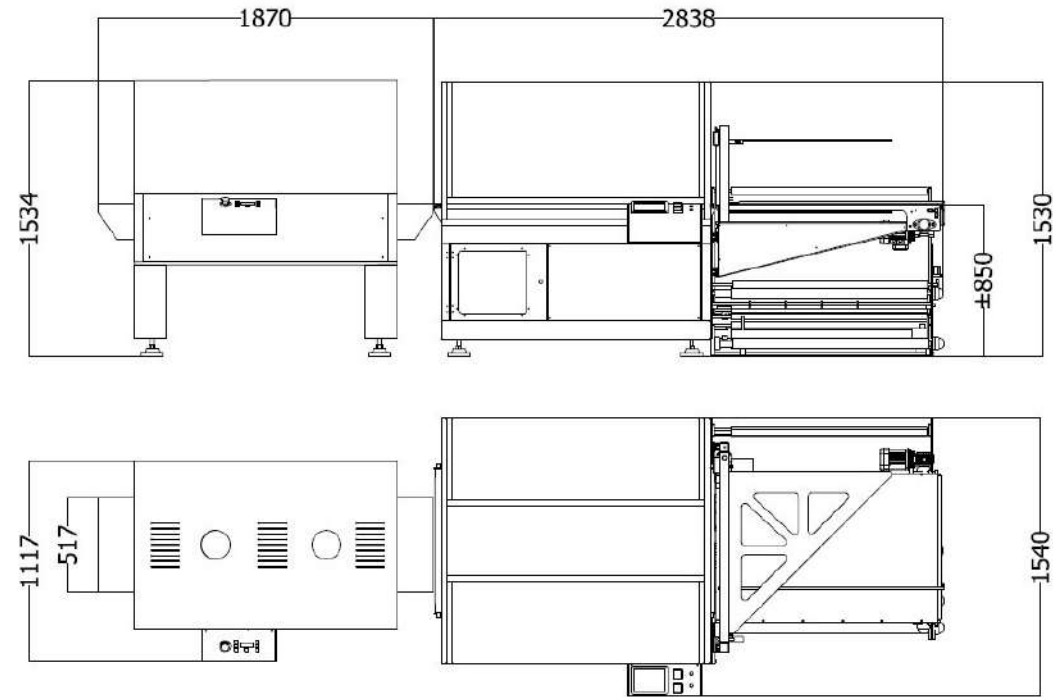
Máquina automática de envasado continuo con 3 esteras (ciclo intermitente).
Barra de sellado transversal: 600 mm
Altura máxima del paquete: 250 mm (optional 400mm)
Dispositivo motorizado de aproximación por correa controlado por inversor.



IS 900 N - EXPERIENCE

Production from 15 to 35 pieces per minute
Produzione da 15 a 35 pezzi al minuto.
Producción desde 15 hasta 35 piezas por minuto.

Ideale per prodotti pesanti e di grandi dimensioni
Ideal for heavy and large products
Ideal para productos pesados y grandes



Automatic continuous packaging machine with 3 mats (intermittent cycle)
Transversal sealing bar: 900 mm
Maximum height of the package: 250 mm (optional 400mm)
Motorized belt approach device controlled by inverter

Confezionatrice automatica in continuo a 3 tappeti(ciclo intermittente)
Barra saldante trasversale: 900 mm
Altezza massima del pacco : 250 mm (optional 400mm)
Dispositivo avvicinamento tappeti motorizzato controllato da inverter

Máquina automática de envasado continuo con 3 esteras (ciclo intermitente).
Barra de sellado transversal: 900 mm
Altura máxima del paquete: 250 mm (optional 400mm).
Dispositivo motorizado de aproximación por correa controlado por inversor.



IS 3N

Class & Section: Intermittent Model

Technical Date :	IS 350 N	IS 600 N	IS 900 N
Power Supply	380/415 3PH+N+PE 220/240 3PH+PE 50/60	380/415 3PH+N+PE 220/240 3PH+PE 50/60	380/415 3PH+N+PE 220/240 3PH+PE 50/60
Speed Belt	5-35 m/min.	5-35 m/min.	5-35 m/min.
Max Roll Dimension	450 Ø 250 mm	750 Ø 350 mm	1000 Ø 350 mm
Weight Machine	750 Kg	1000 Kg	1600 Kg
Products Dimension	W: DA 30 A 250 mm H: DA 0 A 220 mm L: Infinity	W: DA 50 A 500 mm H: DA 10 A 250 mm L: Infinity	W: DA 65 A 800 mm H: DA 10 A 250 mm L: Infinity

- * The height of the products can be increased up to 400 mm with the special option.
- * L'altezza dei prodotti può essere aumentata fino a 400 mm con l'apposito optional.
- * La altura de los productos se puede aumentar hasta 400 mm con la opción especial.

Industry 4.0

Productivity, ease of use,
connectivity, functional safety and
reliability.

Mitsubishi Electric Control Panel.



Easy format changes,
welding center , High
package up to 400 mm

NEW WELDING SYSTEM ®PATENT

Reduced Consumption of Films



WELDING AND PACKAGING

Welding at high speeds with mechanical movements without the use of air. Great film savings thanks to the minimum space between side sealer and product. Customized sealing units for PE and PP sealing **up to 150 microns**.



**MACHINERY
COMPONENTS
HIGH QUALITY
COMPONENT, ISO
CERTIFICATION**

Electrical and Diagnostic Part

Mitsubishi Electric Control Management, on request we adapt the machine with Siemens or Rockwell automation.

Pneumatic Part and Pressure

Air flow management managed by SMC or FESTO.

Mechanical Part and Motors

Safe mechanics with Bonfiglioli engines and SKF spherical plain bearings.



**Reel holder in front position.
Fast and simple for the
operator**



**Single Envelopes,
Hangable
Envelopes, and
Sleeve Packs**



**Packs with
compostable and
biodegradable films**



**TEST ON ALL
THE FILMS**

**POLYTHENE,
POLYPROPYLENE,
COEXTRUDED, BDF AND
MATER-B**



FILMS FOLDERS IS- IMBAL

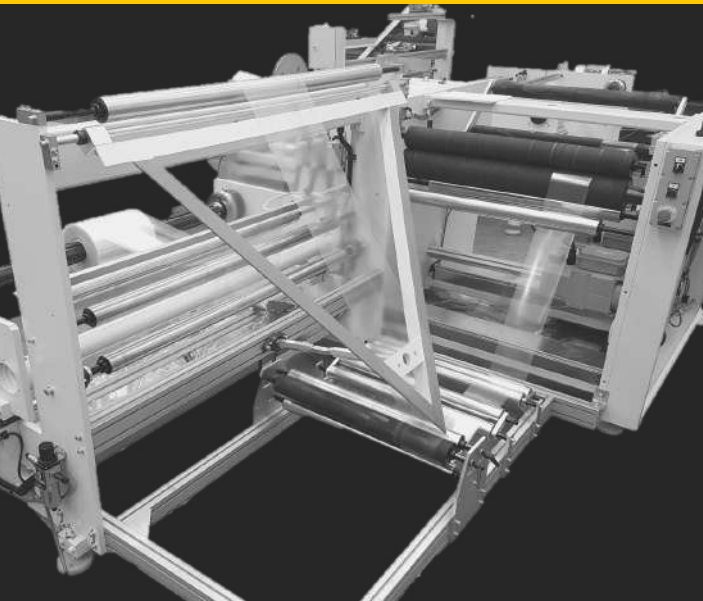
Automatic unwrapping film and the single-lever can be built with only one reel holder (single reel holder) or two to allow a faster film change. (double reel holder with or without sealing bar to allow joining the two coils).



IS X 600

**We adapt the
Folders also For
Reduced Spaces**

IS X 900



AUTOMATIC REEL CHANGEOVER

This special system allows changing automatically the reel with no film welding, at production speed. Usable both with plain and pre-printed film. With this system, it is no longer required lowering the production speed or stopping it during the film welding.



AIRFLOW-T SERIES

PERFECT SLEEVE WRAP FOR ALL PRODUCTS

Mitsubishi control system managed by the packaging machine.

Room setting of the oven for product centering.

Inverter for speed control of the oven belt.

Conveyor belt with physical rotating rollers covered in silicone.

Air flow adjustment deflectors.

Usable film: PVC, Polyolifins and Polythene 150 my.

Reduced energy consumption.

Compliance with CE regulations.

Sistema di controllo Mitsubishi gestito dalla macchina confezionatrice.

Regolazione camera del forno per centratura prodotto.

Inverter per controllo velocità del nastro del forno.

Nastro trasportatore con rulli girevoli fusi ricoperti in silicone.

Deflettori regolazione flusso aria.

Film utilizzabile: PVC, Poliolfine e Polietilene 150 my .

Ridotto consumo energetico .

Conformità normative CE.

Sistema de control Mitsubishi gestionado por la máquina de envasado.

Ajuste de la sala del horno para centrado de producto.

Inversor para control de velocidad de la cinta del horno.

Cinta transportadora con rodillos físicos giratorios cubiertos de silicona.

Deflectores de ajuste de caudal de aire.

Película utilizable: PVC, poliolfinas y polietileno 150 my

Reducido consumo de energía.

Cumplimiento de la normativa CE.

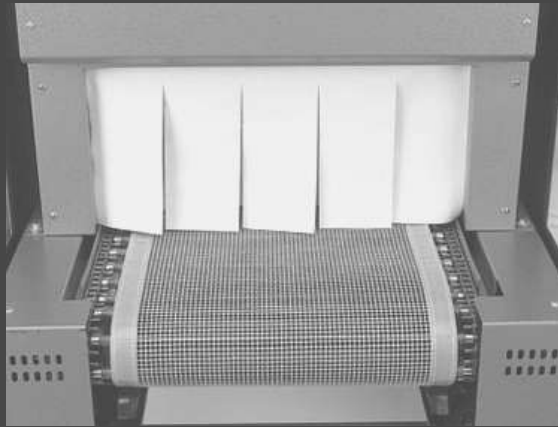


DESIGNED TO CONSUME LESS AND SHRINK MORE.

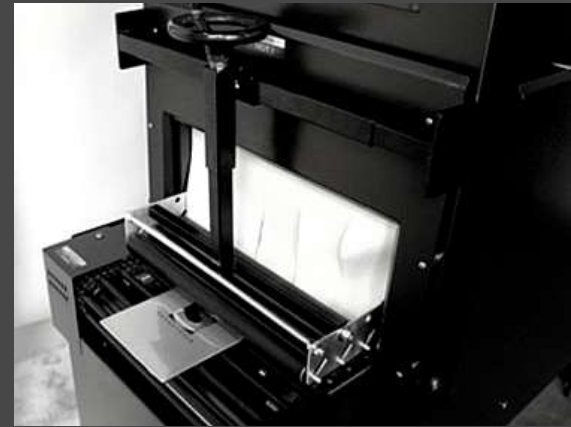
#AirFlow



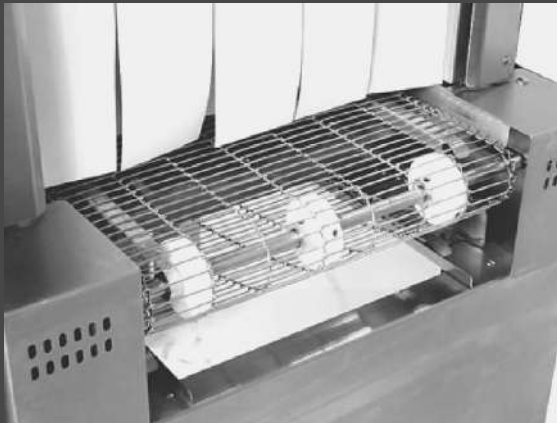
Roller system Equipment, This type of oven it is used for products subjects to exhibition



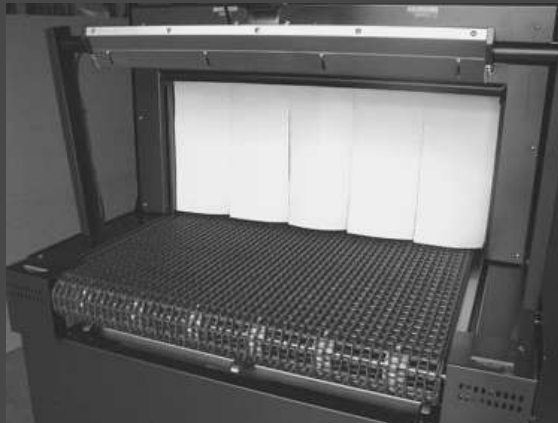
Equipment with Teflon belt system, This type of oven is used for shrink packed products of small sizes



Equipment with product welding system for bagging products with plastic film that does not need to be folded and creased,



Equipment wire net system, This type of tunnel is used for heavy products.



Equipment fall protection system, This type of oven is used for products like vials, bottles etc.



The innovative model, with inspectable casing, is particularly useful in the food industry.



BELT IS IMBAL

**BUILT TO LAST
OVER TIME**

The BELT IS IMBAL range represents the series of conveyor belts that can be associated with continuous automatic packaging machines. Different belt speed adjustments are regulated directly by the control panel of the machines, allowing the optimization of the performances themselves



WE CUSTOMIZE THE PACKAGING LINES FOR DIFFERENT PRODUCTS



PLASTIC SHUTTER CONVEYORS

Plastic shutter conveyors are machines used for the transport of products that have to be accumulated.

They can have adjustable width, they can be in anodized aluminium or in stainless steel structure. These conveyors are equipped with adjustable side rails and speed regulators.



CURVED CONVEYOR BELTS

These conveyor belts are used where there is the need to change the direction of the product transported.

They can be a rubber belt conveyor or a shutter conveyor.



STAINLESS STEEL CONVEYOR BELTS

The stainless steel conveyor belts are used mostly in the food industry or in places where there is presence of humidity. The belt for this conveyors is a FDA conformity belt, they also can have stainless steel side rails with the possibility to regulate the width, adjustable supporting legs and stainless steel cover for the motoreducer.

IMBAL STOCK PACKAGING

SERVICE&PARTS

IMBAL SERVICE AND IMBAL PARTS





IMBAL SERVICE



Installation and start-up of machines and plants.
Training center for Imbal technicians, branches, dealers and directly
from customers.
Revisions, upgrades, repairs, maintenance.
Troubleshooting and remote diagnostics.
Software upgrade



AUTOMATIC SIDE SEALER



SPARE PARTS OF SIDE SEALERS

®MADE IN ITALY

IMBAL STOCK Packaging

Original IMBAL spare parts and custom spare parts kit on the machine model.

Support for the identification of the spare part.

Offices of the DHL, UPS and GLS resident carriers within the Imbal spare parts warehouse and multiple daily withdrawals.

Optimized timing of evasion thanks to the worldwide distribution network with delocalized and automatic warehouses





30-YEARS OF EXPERIENCE

Imbal stock is the Group's business sector specialized in packaging machines. Since 1994 designs, manufactures and markets a complete range of technologies and solutions aimed at food, cosmetic and medical packaging sectors. A few years specialized in high-speed heat-shrinking machines.



NEW INDUSTRY 4.0

Imbal Stock's commitment is to transform our customers' factories in real-time factories ready to guarantee the opportunities of digital manufacturing. Smart machines and software they become indispensable tools that facilitate the daily work of whom, in all over the world, packs products and more.



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