



ES101

HFFS FLOW PACK WRAPPER

FOR WRAPPING OF PRODUCT PORTIONS

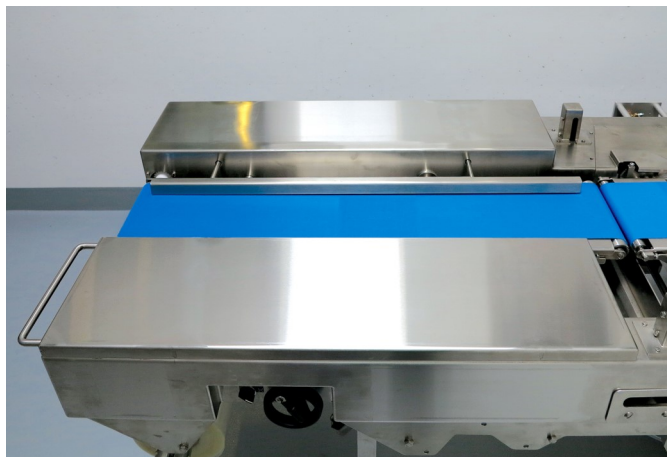


PRESENTATION

Versatile and flexible, the ES101 wrapper is the result of many years of experience of our company in the HFFS field (horizontal-form-fill-seal). Compatible with both shrink film (protection or barrier) with laminated films, it requires less than 10 minutes for a complete configuration change over.

The longitudinal ultrasonic sealing system allows sealing without alteration retractable or laminated film, this with a very low power consumption (20 watts).

The visual appearance of the resulting seal ensures a unique presentation of packages.



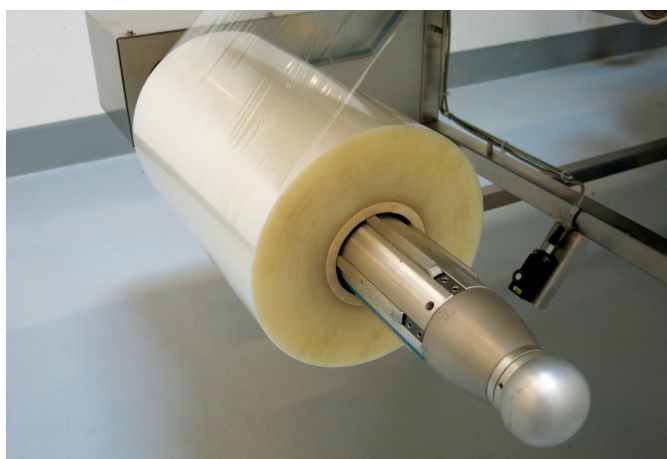
INFEED CONVEYOR

Ensures product positioning at a regular and controlled distance

Minimizes both film loss and operating costs

Easily removable for cleaning

Many detection types available to optimize the positioning depending on the shape of product



FILM

Protective or barrier shrink film

Laminate film

For variable shapes and sizes portions

Electrical and adaptive reel holder brake

Integrated waste collector

Shrinking by a oven from JNJ type FRXXX (optional)



SHAPER

Automatic vertical positioning depending on the selected product

Edges height of the film correcting system



LONGITUDINAL ULTRASONIC SEAL

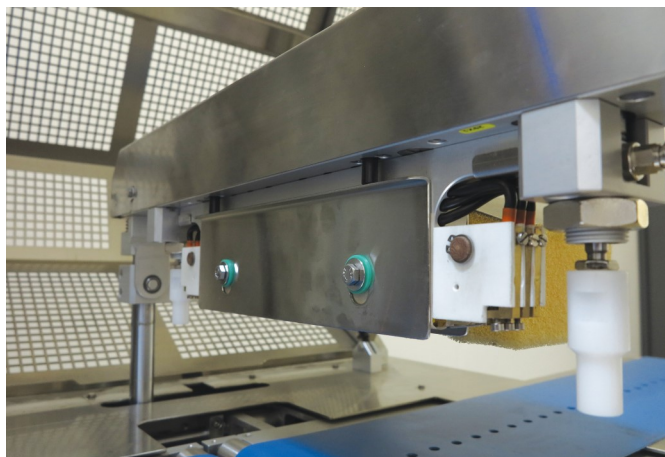
Allows the sealing of a shrink film without altering

Shrink film sealing width : 0,3-0,4 mm

Laminated film sealing width :
1,5-2 mm depending on application

No fouling of the sealing system :
the film does not melt when stopping

With or without waste cutting



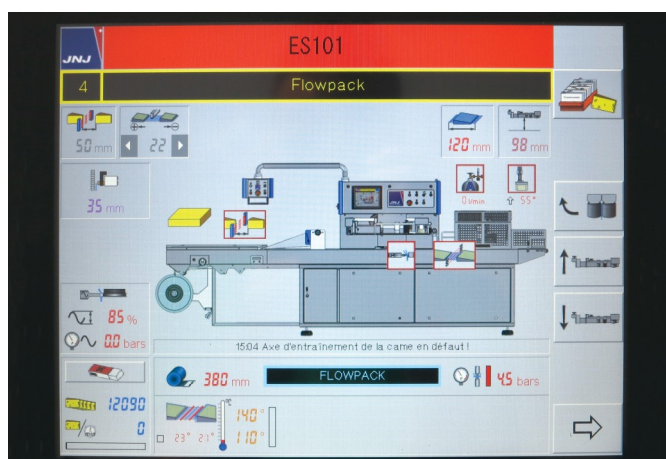
CROSS THERMAL SEAL

Very precise pulse heating system

Dynamic controller without inertia

Water cooled jaws

Quick release sealing jaws



USER INTERFACE

12" colour screen for a comfortable use

Many illustration for more clarity

Up to 50 product recipes available

Automatic adjustment of the settings depending on the selected product

Allows control and storage of settings of the «FR» range shrink tunnel downstream

STANDARD EQUIPMENT

- ☐ Three-phase plug type 15 or Euro (export: no plug)
- ☐ Distancing conveyor
- ☐ Waste suction
- ☐ Film compatibility (barrier, laminated, other)

OPTIONS

- ☐ PAD Pressor
- ☐ SPOT detection
- ☐ Multihole micro perforation
- ☐ Single thermal hole
- ☐ Bottom labeller
- ☐ Fibre optic tray barrier
- ☐ Inkjet printer
- ☐ Guides for round products, trays, etc
- ☐ Easy opening:
 - Strip added to facilitate opening
 - Perforation, fixing a label at the start of the strip
- ☐ Modified atmosphere:
 - Gas injection system for extending the shelf-life of products in barrier shrink film
 - Allows a better presentation of the products packed in laminated film
 - Gas analyzer allowing the control of residual oxygen and the reduction of gas consumption
- ☐ Upstream shrinking tunnel, controlled by the packager ('FR' type oven range)
- ☐ Closed loop cooling unit

TECHNICAL INFORMATION

The values shown below are indicative only and can be adapted to the customers specific needs.

WEIGHT

Approximate mass 1'000 kg

ELECTRICITY

(*) Values in case of coupling with a hot air shrink tunnel JNJ

Rated voltage (tolerance $\pm 5\%$) 3x400 Vac 3LNPE

Rated current 16 A

Assigned frequency 50 Hz

Maximum power (22 kW *) 3.5 kW

Average consumption (approx.) (7-13 kWh *) 4 kWh

Building residual current circuit breaker FI (DDR) 30 mA, type B, HI

Upstream overload cut-off (63 A/C *) 20 A/C

COMPRESSED AIR

Pressure (min-max) 6 bar

Consumption < 100 NI / min.

Connection fitting 3/8" gaz (ø 10 mm)

COOLING WATER

Minimum flow 2 l / min.

Temperature 10 – 15 °C

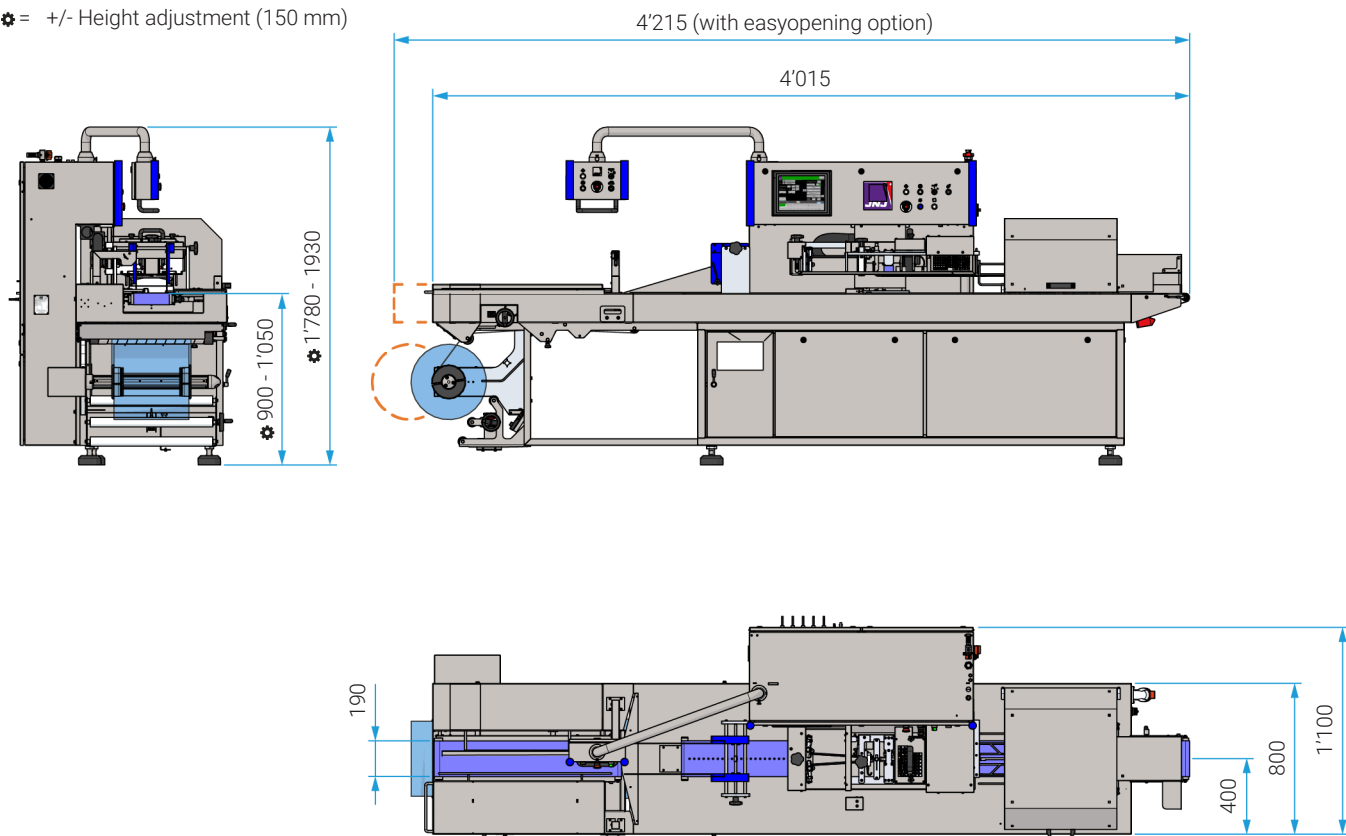
Connection fitting 1/4" gaz (ø 8 mm)

Optional Closed cooling circuit

DIMENSIONS

Measures in mm

⚙ = +/- Height adjustment (150 mm)



GAS

Type CO2 / N2

Consumption 10 – 100 l / min.

Pressure 4 – 5 bar

Connection fitting 1/4 " gaz (ø 8 mm)

PRODUCTS FEATURES

Height min / max 60 – 500 mm

Width min / max 40 – 180 mm

Lenght min / max 8 – 110 mm

FILM

Width (max.) 600 mm

Scroll speed 20 m / min

Reel holder 76 mm (3 ")

Optionnal reel holder adapter 152 mm (6 ")

WORK RATE AND CAPACITY

(depends on the product length)

Protection shrink film up to 80 products / min

Barrier shrink film up to 60 products / min

Laminated film up to 70 products / min

DIVERSE

Number of operators 1

Noise level at operator's working position 76 dbA \pm 0.1



JNJ automation SA

Impasse de la Maladaire 5 | CH-1680 Romont | Tél +41 26 656 9000 | info@jnj.swiss | www.jnj.swiss

Article #012040