



# THD900 FOOD

## FILLER/SEALER FOR DOYPACK® POUCHES

→ **NEW GENERATION OF DOYPACK® MACHINE**

→ **CHARACTERISTICS**

- EASY MAINTENANCE
- EASY CLEANING AND ACCESSIBILITY
- USER FRIENDLY
- FLEXIBILITY (MONO/DUO/TRIO MODE)
- MINIMAL FOOTPRINT

**OUTPUT: 135 POUCHES/ MIN**  
**POUCHES VOLUME: 50 ML TO 5 L**

**FOOD INDUSTRY**

MILK AND DAIRY PRODUCTS, FRUIT JUICES AND NECTARS, SOUPS AND SAUCES, EDIBLE OILS, VEGETABLES, RICE, RETORTABLE DISHES, BABY FOOD, OLIVES, PET FOOD, COFFEE, TEA, CHEESE, SUGAR, SEAFOOD, HONEY...



**PACKAGING IN DOYPACK® POUCHES**

THIMONNIER INVENTOR OF DOYPACK®  
 Patent of THIMONNIER company, the DOYPACK® brand (DOYen Packaging) is internationally licensed.

PACKAGING WITH DOYPACK® GIVES YOUR PRODUCT AN ATTRACTIVE AND EXCELLENT CONTAINER WHICH IS BOTH FLEXIBLE AND PERFECTLY STABLE THANKS TO THE ORIGINAL FORM OF THE BASE, (THIMONNIER PATENT).

A large printing surface (on both sides) allows you to design an extremely attractive packaging.

DOYPACK® offers both the functions and advantages of rigid containers (stability, ease of use, presentation) and those of flexible packages (economical, space-saving before and after use, easy of implementation).



**TECHNICAL DESCRIPTION**

DESIGNED FOR WORKING IN DIFFICULT AND AGGRESSIVE ENVIRONMENTS, THE THD 900 IS PERFECTLY ADAPTED TO FILL AND SEAL THE PREMADE DOYPACK® POUCHES (WITH OR WITHOUT CAPS).

9 STATIONS (up to 3 dosing stations) allow various lay outs for filling, sealing and fitting accessories. Secured by the carrousel grippers, the pouches are opened, filled, sealed, cooled and ejected.

Motions (rotation of the turret, opening grippers and regulations) are controlled by servo-motors.

The THD900 has been built to facilitate adjustments. The THD900 is able to package in "mono" (1 pouch/cycle), "duo" (2 pouches/cycle) or "trio" mode (3 pouches/cycle).

An integrated logic controller (in several languages) and one state of the art electronics insure high precision performances and repeatability throughout simple operating commands. A storage capacity of 100 programs favors a fast change of sizes.

FT 330 B - All information given in the above data sheet are indicative. Final results obtained may therefore be different depending on the conditions of application or use. In conformity with general professional practice, data given are subject to these restrictions. DOYPACK® : registered trade mark. MAJ. 2017.02.03

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## STANDARD EQUIPMENT

Welded steel structure mechanic, covered with stainless steel protections

Easy cleaning of production enclosure:

No contact between delicate parts and the dosed product

Access through transparent doors to the workstations with integrated security system

Motions of the carousel and grippers are controlled by servo-motors

Defects historisation and programmable logic controller

Recording and storage of an infinite number of recipes

Continuous adjustment of mechanical speed from 10 to 60 cycles/min depending on pouch volume and product type (displayed on touch screen)

## SPECIFICATIONS

### MONO (1 pouch/cycle)

**Pouch size (mm):** Min W x H: 100 x 100 - max W x H: 400 x 350

**Production rate:** up to 45 pouches/min

### DUO (2 pouches/cycle)

**Pouch size (mm):** Min W x L: 60 x 100 - max W x L: 220 x 350

**Production rate:** up to 90 pouches/min

### TRIO (3 pouches/cycle)

**Pouch size (mm):** Min W x L: 60 x 100 - max W x L: 140 x 350

**Production rate:** up to 135 pouches/min

## OPTIONS

Ink jet date coding

Injection of neutral gas or steam

Dosing device for liquid/viscous products (pumps, electromagnetic or mass flow meters...) or solid products (grains, powders using auger fillers, or MHW or bucket elevator)

Ultrasound sealing

Exit conveyor

Ultra-clean machine (laminar flow, steam sterilisation...)

## UTILITIES

**Power supply:** 400 V Tri. + N - 50 Hz

Other voltages and frequencies on request - P = 8 kVA.

**Compressed air supply:**

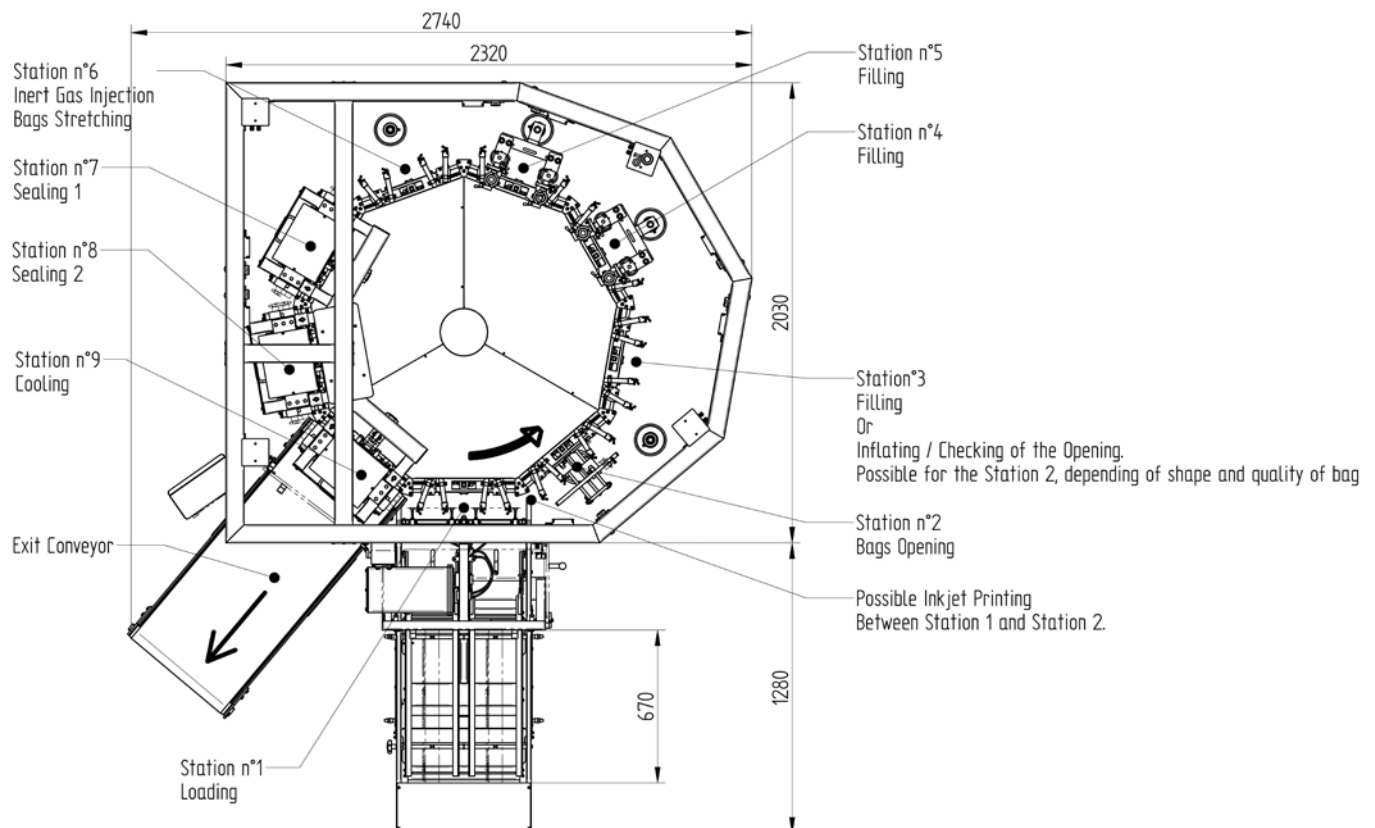
Input pressure = 7 - 9 bar - Effective pressure = 6 bar

Output: Q = Min 40 Nm<sup>3</sup>/h

**Cooling water supply:**

Input pressure = 1 - 6 bars - Output: Q = 10 litres/h - Open return line

## LAYOUT



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