

## OPTIONAL

### KINEMATISMS GROUP

- Servomotor chain drive system

### CUTTING SYSTEMS

- Male-female matrix cuttings, for an unrivaled long-lasting quality

### PRINTING DEVICES

- Integrated printing and systems
- External components integration service

### FORMING OPTIONS

- Forming station adjusting
- Customer's logo embossed

### OUTPUT

- Aligning devices
- Output conveyors

### AUTOMATIC LOADING

- Liquid and creamy product dosing systems
- Automatic loading devices
- Integrated pick&place systems
- Multihead weighers

### SOFTWARE

- Easy managing of different indexes
- L.I.S.A.@ connect
- Vision systems



“

A combination of reliability, simplicity and high performance, enclosed in a solid and compact structure.

”

THERA 450



SMALL  
ENOUGH TO LISTEN  
**BIG** ENOUGH  
TO SERVE!

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DOWNLOAD



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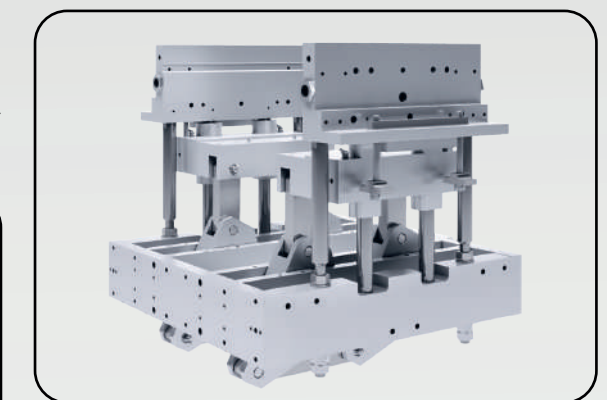
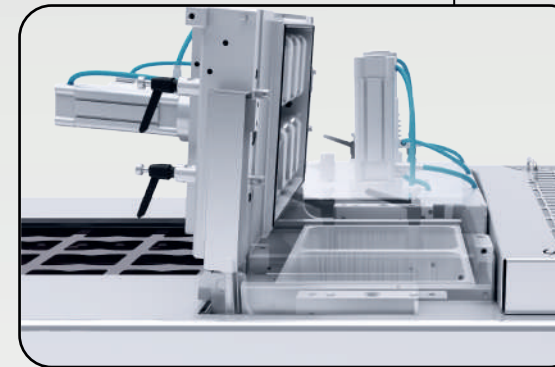
# THERA | 450



## VERSATILE MACHINE

can be used with different plastic films (PET, PP, APET, PA/PE,...), aluminium, polythene cardboard, recycled materials, medical paper and Tyvek.

**HINGED CHAMBERS**  
with easy and **tool-free access** to allow the fastest format change, cleaning & maintenance operations.



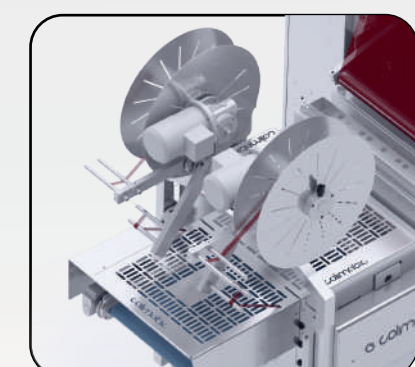
## LIFTING MECHANISM

with **4-post lifting unit** which consistently guarantees high level of sealing quality due to evenly distribution of the sealing pressure.



## RESISTIVE-TOUCH OPERATOR PANEL

to allow a **friendly HMI** use in any working condition. The safety system detects hazards, stops the machine and activates the **remote assistance service** for faster reaction times. Work order acquisition and related process parameters setup. Machine operating status continuous monitoring.



## FILM SAVING

up to 30%, thanks to our unique technology utilizing vacuum and gas injections in sealing phase which reduces the quantity of wasted material to **only 10mm of lateral scrap**, and only on bottom film, leading to an outstanding single package cost.



**EASY**  
access for maintenance and service



**USER FRIENDLY**  
with next-generation HMI & intuitive options



**RELIABILITY**  
granted by its proven high performances



**HYGIENE**  
sloped surfaces for complete washdown



**COST-SAVINGS**  
up to 30% on waste from packaging materials



**COMPATIBILITY**  
& integration with automatic loading & printing devices



## HIGHLIGHTS

### TECHNOLOGIES

- Sealing
- Vacuum
- Modified atmosphere (MAP)
- Shrink
- Skinpack
- Multiple indexes

### TECHNICAL FEATURES

- Machine length: 4500mm
- Machine width: up to 1100mm
- Machine height: up to 2000mm
- Loading area: according to the index (free loading area up to 1000mm max)
- Bottom film width: up to 440mm
- Top film width: up to 420mm
- Max advancing index: up to 300mm
- Pack max depth: up to 120mm

### COMPONENTS

- Electrical: PLC Siemens
- Pneumatic: FESTO
- Vacuum pumps: BUSCH
- Control interface: PLC Siemens

### PERFORMANCE

- Production: up to 15 cycles/min
- Film material: film thickness from 20 my up to 800 my
- Top film reel max diam: 300mm
- Bottom film reel max diam: 350mm

