



→ COMBI-PAL 2000

ERGONOMICS, SAFETY, FLEXIBILITY

European leader in overwrapping film systems, Thimon is the only manufacturer to master every packaging technology, with techniques patented and widely referenced abroad over 40 years.

Among all processes, the shrink hooding is the most successfully completed wrapping solution on the market in terms of speed, robustness, waterproofness and respect of the product.

The COMBI-PAL 2000, association of the COVER-PAL 2000 (automatic shrink hooding) and HOT-PAL 2000 (shrink frame) is very safe, thanks to a shrinking system by hot air and a gas supply that meets the most severe standards. It also proves real ergonomic qualities thanks to a very simple and fast film circuit management.

SHRINK HOODING: THE PROCESS/TECHNOLOGY COMBINATION THE MOST RESISTANT ON THE MARKET

→ **Speed**

→ A process implemented by THIMON capable to handle the highest speeds on the market over 200 cycles/hour depending on the machines.

→ **Respect of the product**

→ No compression load and very efficient protection against mechanical aggressions, UV, etc.

→ **Resistance**

→ Film rigidity for an optimal load stability, reinforced by a shrinking method perfectly homogeneous.

→ **Waterproof**

→ Protection guaranteed up to 6 sides, reinforced by a sealing device at low temperature with a large cooling time.

→ **Adaptability**

→ The most appropriate solution to fit to mixed production with load height variations.

→ **COMBI-PAL 2000: the all in one**

→ **Safety of the machine for the operators**

- supply gas system that meets the more severe standards,
- shrinking technology by hot air,
- load anti-tipping device on the conveyor and frame anti-fall device on the moving parts.

→ **Optimized ergonomics for operation and maintenance**

- "OS Vision" touch screen terminal easy to use,
- easy film circuit allowing to reduce the reel change time,
- mechanical parts at the ground level

→ **Shrinking quality adapted to the most thinnest films**

- heat-exchanger ensuring a constant temperature and without thermal inertia.

→ **Respect of the load and the product**

- rotating head allowing the rotation of the film rather than the load (½ pallet or pallet across) to protect it.

→ **Maximum saving**

- use of thin films (up to 40 microns) more ecological and economical.

→ **Optimal performance**

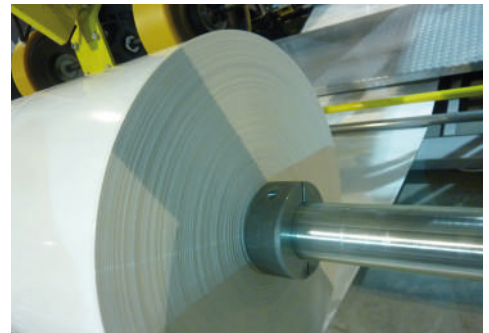
- robustness of the burners guaranteed up to 5 years,
- autonomy of the machine increased by using high capacity film reels,
- reliable and simple kinematic, reducing the numbers of sensors and actuators,
- anticipated sealing device at low temperature, easy to program,
- energies consumed re-used in useful calories.



→ Mechanical parts at ground level



→ Rotating head



→ High capacity reel



→ Screen terminal

1 THIMON
EXCLUSIVITY

THE **TEST CENTRE**
TRAINING & RESEARCH



A TOOL AVAILABLE FOR:

- **optimizing our equipment** by testing our solutions on your products beforehand,
- **enhancing our solutions**, optimizing the pertinence of the coupling film/machine,
- **training** at any time on the COMBI-PAL 2000,
- **developing new options and solutions** and evolving along with your requirements.



For any adaptation of equipment, lay-out and dimensions, please contact us.

→ **CONTACT DETAILS**

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