

IHRESS

PREMIUM PACKAGING MACHINERY



iARM2500

Automatic rotary arm pallet wrapper



Pol. Ind. La Serra
C. Camí de la caseta, 3-A | 08185 Lliçà de Vall (BARCELONA)
+34 936 555 600 | ihress.com | info@ihress.com

TECHNICAL CHARACTERISTICS OF THE STANDARD MACHINE

- Rotary arm with anti-obstacle photocell
- Powered film carriage in the rotary arm with frequency inverter.
- Automatic wrapping cycle
- 3 automatic wrapping cycles: simple / double/ complete.
- Useful wrapping height up to 2.000 mm. (Optional other heights)
- Soft start and indexed stop with SCHNEIDER speed inverter.
- Powered pre-stretch carriage 300% with anti-entanglement and roping system.
- Automatic load height detection by photocell.
- Production: ± 20 pallets/hour
(variable depending on the characteristics of the load, number of wraps, etc.)
- 3ALL feature: clamping, cutting and dolly heat sealing.
- Wrapping cycles counter.
- Top and bottom reinforcement wraps independently adjustable.
- Controlled by SIEMENS PLC with LCD touch screen.



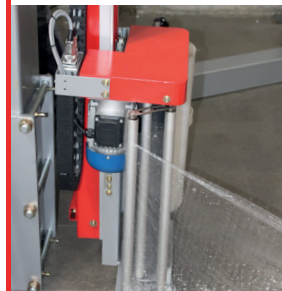
CHARACTERISTICS

Carriage



Photocell impact detector.

PEM Carriage



Powered pre-stretch carriage 300% with anti-entanglement and roping system (Optional: 150%, 200%, 400% pre-stretch)

Touch control screen



With touch screen for programme settings

Rotary arm



With robust and reliable internal engine.

Technical features	Standard
Maximum height	2.000 mm (other heights on request)
Maximum pallet dimension	up to 1.200 x 1.000 mm (other dimensions on request)
Film carriage	Pre-stretch 300% with rope system
Soft start/stop with frequency inverter	Standard
Load height detection photocell	Standard (Other options on request)

SPECIAL OPTIONS

- Central powered roller conveyor (optional)
- 1.800 mm high safety fences with access doors and photocells for anti-intrusion for the infeed and outfeed of the load with muting alarms (optional)
- Pallets lift table to wrap the load and the pallet (optional)

Lift table (Optional)

In order to wrap the load along with the pallet, the option of the lift table is recommended in order to raise the pallet completely.

It is located under the central powered rollers conveyor. A fixed structure to the lift table goes in between the rollers to raise the load.

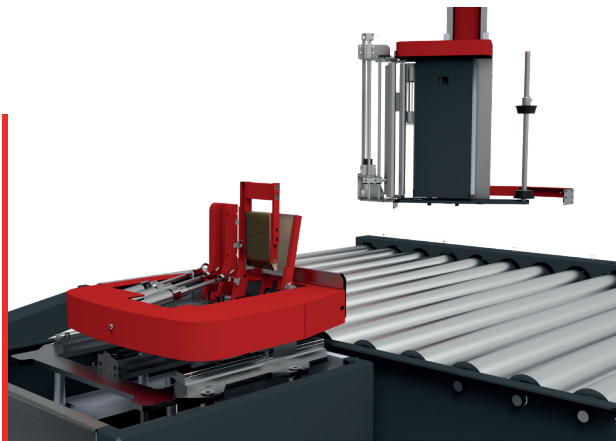


3ALL Sistem

Thanks to this system, the 3 independent external mechanical elements are replaced and integrated in just one single unit, which performs the same 3 functions: clamping, cutting and dolly heat sealing.

Also, a rope in the film is made in the final stage, which allows the heat sealing of any kind of film (stretchable, microperforated, etc.) and with any thickness, thus avoiding the loose tail of film which appears without this system.

This system also avoids its mechanical maintenance, as it does not have any obstacles.



No minimum wrapping height required

Thanks to the combination of the different features in the 3ALL system, there is no minimum load height required to wrap the complete pallet down to the bottom deck board.



STANDARD MACHINE LAYOUT

