

IHRESS

PREMIUM PACKAGING MACHINERY



iTRM1500

Automatic turntable pallet wrapper



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STANDARD MACHINE TECHNICAL CHARACTERISTICS

- Powered film carriage with variable speed, placed sidewise.
- Powered pre-stretch carriage 250% with anti-entanglement and roping system.
- Load height detection by photocell
(Optional: detection by ultrasounds for black loads).
- Transmission to the turntable by V-belt.
- Turntable with soft start and indexed stop and SCHNEIDER speed inverter.
- 3ALL feature: clamping, cutting and dolly heat sealing.
- Turntable with motorized rollers conveyor.
- Optional: turntable with motorized 3 chains conveyor.
- Wrapping cycles counter.
- Independently adjustable top & bottom reinforcement wraps.
- Independently adjustable roping system to reinforce the load.
- Light and sound indicators for functioning signals and alarms.
- Controlled by PLC SIEMENS .
- Panel control with touch screen.
- Production up to 35 palets/hour
(variable depending on the characteristics of the load, number of wraps, etc.)
- 10 customizable programs: starting, upper and final wraps, overlapping lapse, roping, etc.



OPTIONS AND ACCESSORIES

Powered top platen

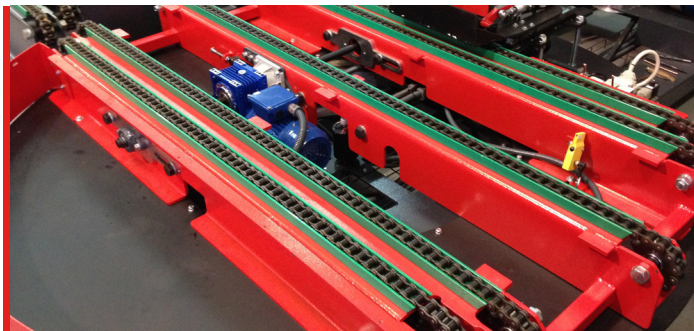
It holds the load at the top of the pallet without deforming it while the pallet is being wrapped avoiding the risk of the product collapse.

Top cover dispenser iTDM1800 (Optional)

Accessory which allows to dispense a cover of film to do a complete wrapping. Depending on the position and the functioning cycle of the machine, the wrapping will provide a dust or rain protection.



Top Cover Dispenser iTDM1800



TRM1500 turntable with motorized chains conveyor (Optional)

The turntable of the machine can include a chains conveyor (3 or 5 chains depending on the size and type of pallets to be wrapped), which is necessary for a side transportation of the pallet.

Special environments (explosive environments, corrosion, sub-zero, ...)

We have experience and we can provide proven solutions for explosive environments (ATEX), corrosive environments (Stainless Steel) or sub-zero temperatures (down to -30 °C).

Technical features	Standard	Optional
Maximum height	2.400 mm	2.800 mm and specials
Turntable	Motorised roller conveyor	3 or 5 motorised chain conveyor
Maximum pallet dimensions	up to 1.200 x 1.000 mm	Consult us
Maximum weight	2.000 Kg.	Consult
Film carriage	Pre-stretch 250% with cord kit	Pre-stretch ratio from 100% to 400%
Stop in position	In a straight line	90°
Soft start and soft stop with frequency inverter	Standard	Standard
Load height detection by photocell	Standard	Ultrasounds

Motorised pre-stretch

Motorized pre-stretch carriage 250% (fixed prestretch ratio) with anti-entanglement and roping system (Optional: 150%, 200%, 400% pre-stretch)

Motorized pre-stretch up to 250% (variable prestretch ratio) with roping system and electronic regulation (optional)

Roping system: this feature provides a rope which can be programmed at different heights of the load to reinforce and stabilize the pallet. Recommended for unstable loads or loads in layers.



3ALL System

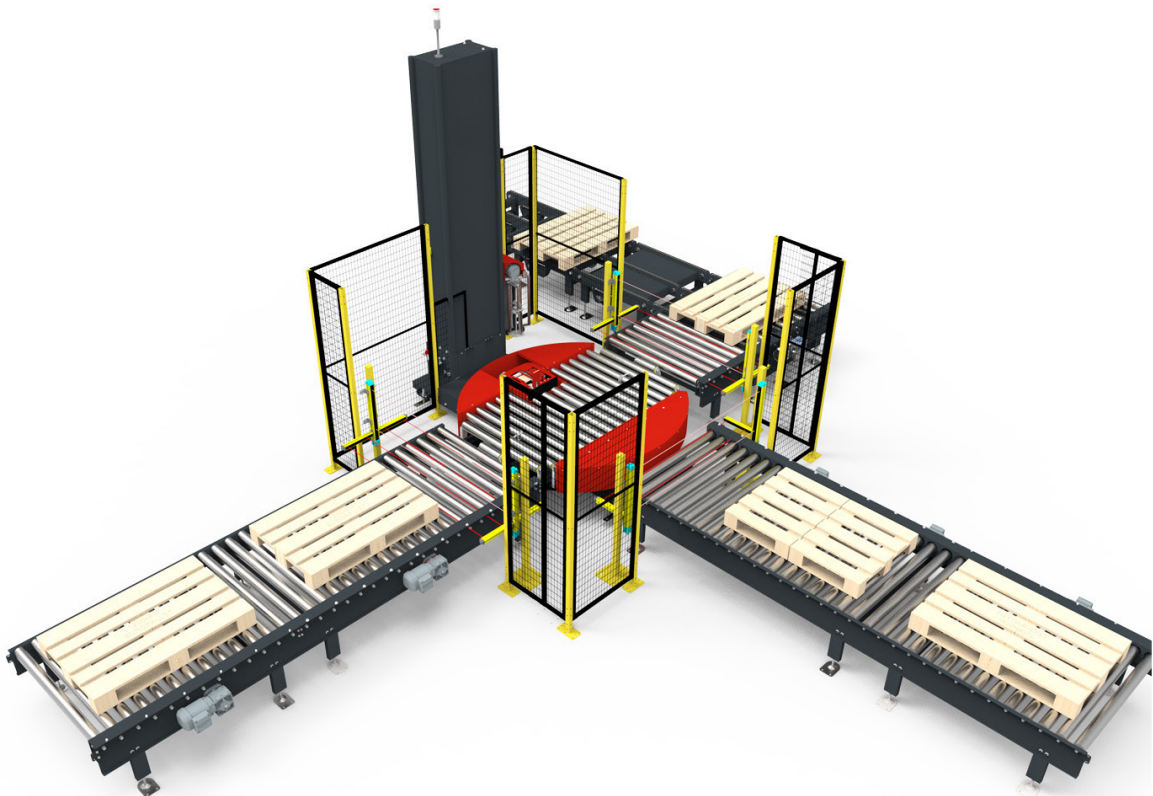
Thanks to this system, the 3 independent external mechanical elements are replaced and integrated in just one single unit, which performs the same 3 functions: clamping, cutting and dolly heat sealing.

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.



Automatic stretch wrapping line
with motorised roller conveyors



STANDARD MACHINE LAYOUT

