

WS47

Automatic Pallet Wrapper



The Maillis WS47 Turntable Wrapper, which can be positioned at the end of a palletizing unit or located within a pallet conveying line, provides for the automatic indexing, stretch wrapping, film cutting and ejection of the wrapped pallet to a discharge conveyor system or operated as a stand alone system with loading and unloading by forklift. The WS47 is suitable for medium to low throughput production lines and for locations requiring a small footprint and/or 90 degree infeed or outfeed.

Standard options

- Wide range of motorised conveyors
- Up to 7 selectable, programmable wrap cycles
- No wrap (transit) cycle
- Cut wipe system for film seaming and cutting
- Wrap height of 2100mm (load and pallet)
- Siemens S7-200 PLC and Proface HMI
- Machine safety system including: guarding, light curtains, etc.
- External wrap program selection
- Interfacing signals for pallet transfer with external conveyor systems

Technical specifications

- Fully automatic operation with touchscreen HMI for operator functions and setup
- Motorised film pre-stretch carriage with easy load film system, variable ratio pre-stretch values from 100% to 300%
- Capacity of up to 80 pallets per hour, dependant upon the number of wraps and height of pallet
- Turntable speed from 7 to 15 rpm
- Max pallet and load dimensions 1400mm x 1200mm
- Machine guarded to Category 3
- Conveyor weight capacity up to 2000kg

- All electrical/electronic components are commercially available

Power

- 415VAC 3PH 50Hz power supply
- 6 bar, clean & dry compressed air
- 24VDC control voltage

Options

- Hot pads seaming unit
- Topsheet applicator - roll width from 1200mm to 1800mm
- 90 degree infeed or outfeed with film retraction
- Vertical pressure platen for unstable loads and/or extra securing of topsheet during wrap cycle
- Low wrapping/topsheet film warning
- Allen Bradley PLCs, HMIs and VSDs
- Wide selection of switchgear and electrical component brands
- Extended wrapping height up to 3000mm

Warranty

All CPS equipment carries a 12 month (single shift) warranty (parts and labour) given normal wear and tear