

RA

Automatic Pallet Wrapper



The Maillis RA Rotary Arm 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 stand alone system with loading and unloading by forklift. The RA is suitable for medium throughput production lines.

Standard options

- Two versions available: RA Standard and RA Deluxe
- Wide range of motorised conveyors
- Up to 10 selectable, programmable wrap cycles
- No wrap (transit) cycle
- Cut wipe system for film seaming and cutting
- Wrap height of 2100mm (load and pallet)
- Siemens S7-300 PLC (RA Deluxe), S7-200 PLC (RA Standard) 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
- Rotation speed up to 34rpm (model dependant)
- Max pallet and load dimensions
 - RA 13-11 - 1300mm x 1100mm to 1200mm x 1200mm
 - RA 14-14 - 1400mm x 1400mm
 - RA 16-16 - 1600mm x 1600mm
 - RA 20-20 - 2000mm x 2000mm

- Machine guarded to Category 3
- Conveyor weight capacity up to 2000kg
- All electrical/electronic components are commercially available

Power & Air Supplies

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

Options

- Patented Compact Clamp cutting and seaming unit (requires roping device)
- Topsheet applicator - roll width from 1200mm to 1800mm
- Pallet lifter
- Pantograph pressure platen for unstable loads and/or extra securing of topsheet during wrap cycle
- Roping device for custom wrapping cycles
- Low wrapping/topsheet film warning
- Pallet weights in excess of 2000kg
- "Compact" models with smaller footprint
- Allen Bradley PLCs, HMIs and VSDs
- Wide selection of switchgear and electrical component brands
- Extended wrapping height available

Warranty

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