

EAR400PPS-ATR



Fully Automatic Rotation Arm Stretch Wrapper

- ➔ Automated wrapping machine at end of packing line.
- ➔ Automatically clamp film and cut it at end of the wrap cycle improve productivity
- ➔ Combined with conveyors to realize pallet conveying, pallet accumulation etc.
- ➔ Warranty: 12 month warranty



Fully Automatic In-line Stretch Wrapping Machine

Fully automatic stretch wrapper is used in automatic packaging at the end of the packaging line.

This machine has powered roller conveyor which is able to transport a load to wrapper and wrap load automatically. The cutting and clamping unit and the tail wipe system provide a fully automatic wrapping cycle and adherence of the film to the load.

Heavy duty design ensure long life and minimum maintenance



Specification

Control /Easy to operate

- > Advanced Siemens PLC & Siemens 7" touch screen control system. User friendly.
- > Parameters setting from touch screen.
 - Film tension, Top /Bottom Wrapping times, Carriage Up/down times, Reinforce wraps, Over-wrap timer
- > Counter function to count the numbers of pallets be wrapped
- > Separate Auto-Start/Reset, Pause & E/S buttons
- > Combined with your current conveyors to complete the end-of-line packaging line.

Film Automatic Clamp & Cut Unit

- > Pneumatic clamp & cut film unit allows automatically clamp film and cut it at end of the wrap cycle
- > Automatically wipe the film tail against the loads.

Reliable load height sensing PE

- > Automatic load height detection by photo-eye
- > Over-wrap sets the film overwrap at the top of the pallet load.

Safe operation

- > Emergency stop button
- > Stretch wrapping machine pause automatically if the film breaks during wrapping
- > Rotary arm stop by safety bumper and reflection PE sensing any obstacle in the rotating area.

Arm & Film carriage

- > Powered pre-stretch film carriage, stretch ration up to 300% (1:3) to min film consumption
- > Open-door carriage ensure film load correctly and easy thread film, more quicker, more faster
- > Arm soft start /soft stop
- > Rotating arm slew bearing drive, more reliable
- > Rotating Power slip ring provide power required for carriage drive on rotary arm.

Wrapper conveying system

- > Powered roller conveying system (standard)
- > Roller length=1200mm, Diameter=76mm (option:80mm)
- > Conveyor Speed: 12m/min



Technical Data

Size of pallets to be wrapped:

- Min load size : 500mm (L) X 500mm (W)
- Max load size: 1300mm (L) X 1200mm (W)
- Max load height: 2000mm
- Max load weight: 2000kgs

Machine Performance:

- Packing efficiency: 30-40 loads/hour
- T/T rotation speed: 3-15 rpm adjustable
- Wrap arm zone: 2180mm
(rotating inner diameter)
- Power supply : 380 V 3 Phase - 50/60 Hz
- Power: 2.5Kw
- Machine size : 4050 (L) x 1800 (W) x 3100 (H)mm
- Machine weight : 1000kg
- Pneumatic system: 0.6-0.8Mpa 1000ml/min

Stretch Film Roll detail

- Max. external diameter (D): 230 mm
- Internal diameter (d): 76 mm
- Film width: 500 mm (20")
- Film thickness: 17-35 μ m



Available Options

Chain Conveyor: For pallets which has small legs or pallet bottom slats is parallel with the movement directions.

Wrap Arm Speed (25rpm): Arm rotation speed is increased to 25RPM. Includes stronger machine frame, big slew bearing etc. Wrap capacity up to 40-50 pallets/hour.

Top Sheet Cover: Independent structure device for covering the top of the pallet for protection against dust. It can be easily installed on existing wrapping lines.

Extend Packing height: Increase the stretch wrapper wrap heights for your loads: 2400mm, 2800mm

Pneumatically Pallet Lifting Device: The pneumatic lifting device, inserted in the middle of the machine center conveyor of the wrapper allow the load and the wood pallet to be completely wrapped.