

ECOSPIR TS EV M

Pallet wrapping machine for palletised loads with an open turntable type for the easy loading with manual fork-lifts or systems with fixed forks at the base.

Automatic wrapping cycle with manual film clamping and cutting

Main technical characteristics and features

- main control box with “touch screen” type operator panel with a very easy, simple and intuitive use (figures/pictograms), for a rapid setting and regulation of all the different parameters
- pre-setting of 8 different working cycles, each of them with all the parameters customized by the operator
- machine working controlled through a compact PLC
- possibility to select an automatic or a manually controlled working procedure
- possibility to set a number of wrapping cycles in a continuous sequence
- possibility to select among 3 different methods of wrapping: standard with cross wrapping (during the film carriage ascent and descent); one way wrapping (during the film carriage ascent only); standard cross wrapping with film carriage stop at the top of the load to permit the manual application of a top cover (the film carriage restart is activated by the operator pressing the related button on the control box)
- machine overall dimensions according to the layout
- basement with rear predisposal for being lifted and moved with a fork-lift
- separate setting for the bottom and top reinforcing wraps
- maximal wrapping height: 2200 mm
- hinge facility (column/basement) for an easy and fast assembling of the unit
- film carriage driving motor integrated in the mast (column)
- film carriage transmission by chain
- regulation of the film carriage speed, controlled through inverter and with separate parameters for the ascent and descent
- safety system on the bottom side of the film carriage frame to stop its descent in case of presence of any obstacle
- automatic detection of the wrapping height through photocell
- turntable motor protected with a carter
- regulation of the turntable rotating speed controlled through inverter, with soft start and progressive arrival in the same starting position
- turntable diameter: 1500 mm
- turntable profile (height): 75 mm



- safety system with photocell, mounted on the open side of the turntable to stop the rotation in presence of a fork-lift of any other obstacle
- turntable rotation with hard rubber covered wheels powered with a chain transmission
- maximum weight of the load: 1500 kg
- film roll dimensions: 500 mm dimensions wide, with an external diameter of maxim 250 mm on a 3" core
- machine gross weight: indicatively 430 kg (referred to the machine in its basic configuration)
- power supply: 1,5 kW @ 240 V – 1ph + G/E + N

ACCESSORIES AND OPTIONS AVAILABLE ON REQUEST:

- Photocell for loads having a dark or a reflecting colour, or with any other special condition
- Film carriage with a 200% fixed ratio (1 mt = 3 mt) power prestretch with easy and safe loading of the film, with direct transmission through gears and separate regulation of the film tension from the control panel
- Extended mast for a wrapping height of 2700 mm
- Increased loading capacity to 1500 kg maxim

