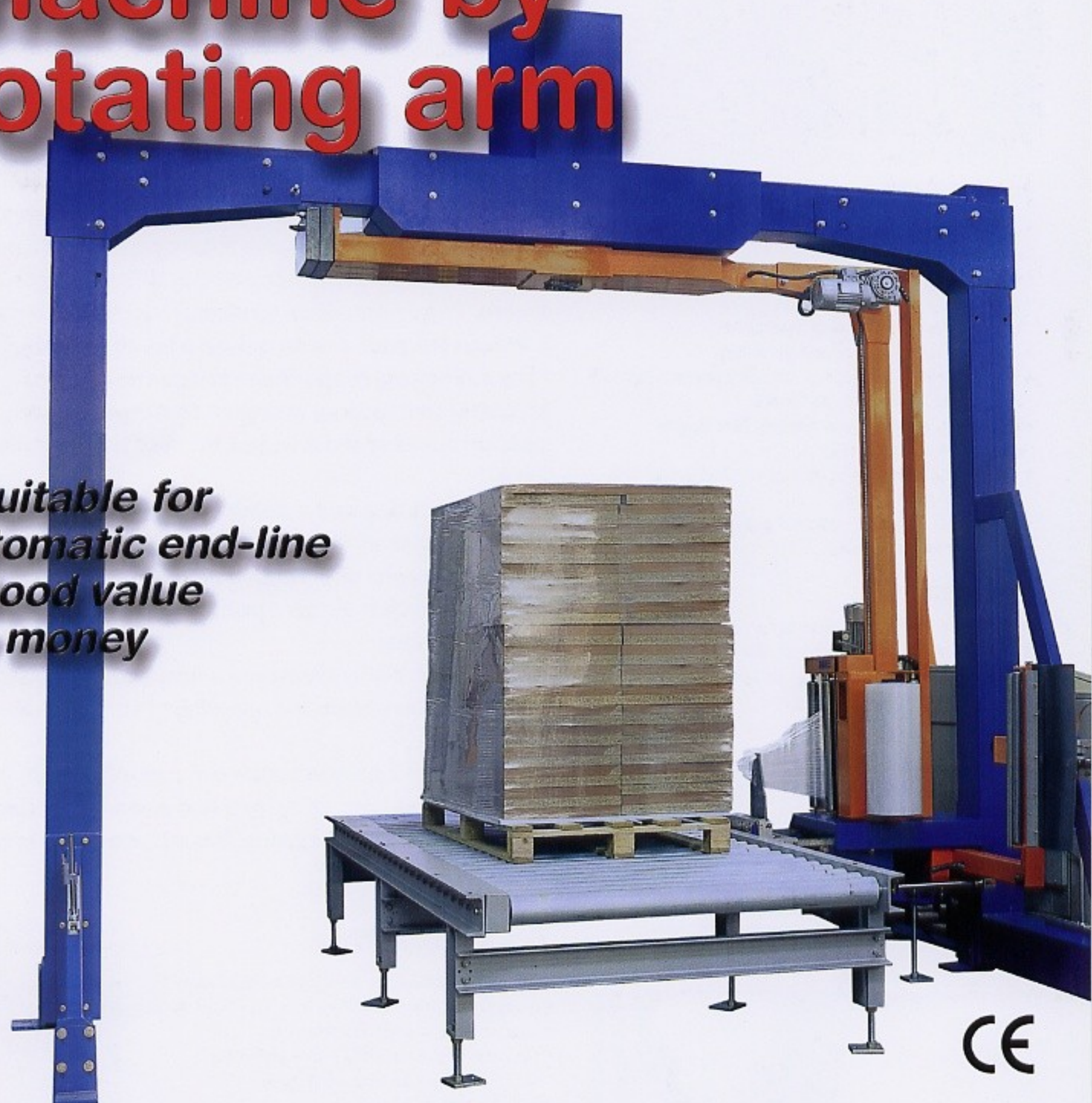


**OMS**  
OFFICINA MECCANICA SESTESE S.p.A.

# Wrapping machine by rotating arm

- Suitable for automatic end-line
- Good value for money

**Mod. AV500**



CE

**automatic  
and economic**



## Features

- Connection to the electrical board by connectors;
- automatic cycle start;
- possibility to regulate the wrapping numbers in the low and high part of the pallet;
- overlapping of the adjustable film;
- mechanical regulation of the film pre-stretch at value fixed previously at 258%;
- clamping, cutting and welding film device completely automatic;
- automatic determination of the height of the pallet at each cycle;
- operating panel to set and diagnosticate;
- reduced maintenance.

## On request

- Pneumatic pressure device for unstable loads;
- device for the regulation of the pneumatic pressure device according to the features of the load (light or unstable).



The clamps release the film and disappear at the beginning of the wrapping cycle.



Film clamping and cutting devices, rubber device and welding device by hot pads.



## Wrapping machine

The model **AV500** is a wrapping machine by rotating arm for the end-line, studied for medium production lines. The new bridge frame by two columns allows to install the machine fast and it can be fit in existing lines on any type of conveyor.



The OMS wrapping trade mark

## Operation

- The rotating arm is balanced in a static way, therefore the centrifugal forces generated by the rotation are minimized and are absorbed by the structure, specifically designed and featuring the mass location at ground level.
- The coil-holder truck is studied specially for model AV500, it is equipped with **motorized pre-stretch** that guides the film by means of a roller system with a self-adjustable running according to the different arm rotation speeds. This device allows to stretch the film before placing it around the pack and **to reduce a lot of quantity**.
- The overlapping of the film wraps can be changed according to frequency changers that regulate the rotation speed of the arm and lifting of the film-holder truck.
- **The film cutting and welding system**, particularly designed, works at the end of the wrapping cycle holding the film by means of a rubber clamp and cutting it with a blade. So a rubber support pneumatically run, it makes it stick to the load.
- The new film clamps features a new hidden-hinged system that improves the wrapping of the pallet at cycle start.
- For a better adhesion to the end part of the film, it is possible, on request, to apply a **hot pad-welding device**.
- The **sensor of end/breaking film** automatically stops the machine.

## Technical data

- Pallet accepted: up to 1300 x 1300 mm;
- max. pallet height: 1600 mm or 2300 mm;
- usable film = < at 23 micron;
- production: about 50 + 60 pallet/h, according to the wrapping cycle;
- film height: 500 mm;
- main power supply: 230/400 V, 50 Hz;
- power consumption: kW 2,5;
- compressed air supply: 3/8", 6 bar;
- air consumption per cycle: 30 NI.

Connection to the electrical board by connectors.

