

#### **Applications:**

Packaging, grouping and protection with stretch film products like furniture, doors, timber boards, windows, frames, etc.

#### **Working Process:**

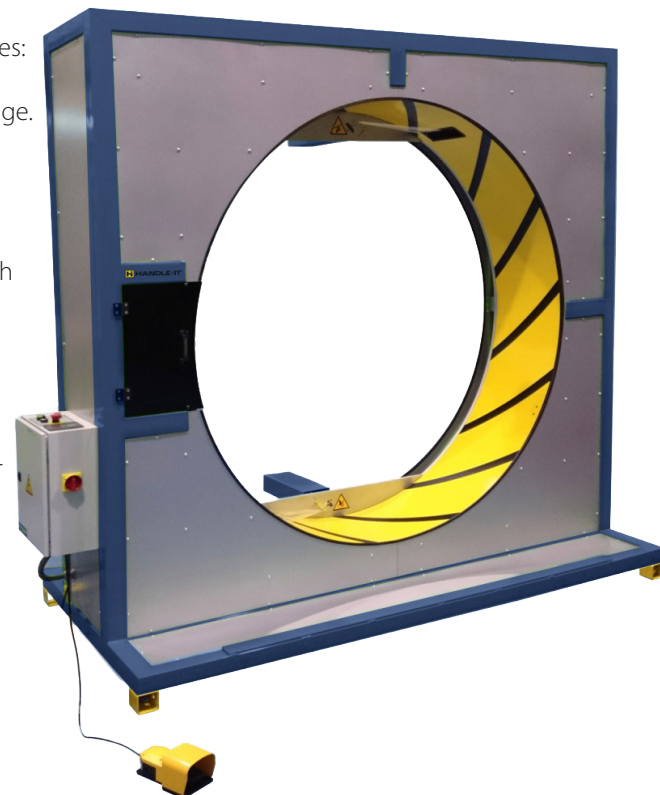
The user manually feeds the product through the wrapping ring on gravity in-feed roller conveyor. Pressing the foot pedal on the machine engages the film reels to wrap product with stretch film. Finally, the user manually removes the fully wrapped product from the out-feed gravity roller conveyor.

#### **Standard Equipment:**

- Steel frame, painted in grey with blue accent color.
- Ring assembled in the frame, painted in safety yellow color.
- Double reel dispenser head; enables wrapping with two reels of stretch film for reinforced and faster packaging, or wrap with one reel for a simple wrap; ready to use reels of different width.
- Fast changing reels without tools and with self-fixing system.
- Adjustable stretch film tension to fit it to the product.
- Device that disables the machine while changing the reel for worker safety.
- Safety foot switch to start/finish the wrap cycle.
- Ring drive system through trapezoidal belt of low maintenance and wear.
- Control panel and electrical box: Master switch, power light, warning light, reset button & emergency stop.
- Machine certificate meeting CE safety standards (2006/42/CE 2014/30/UE 2014/35/CE-BT).

#### **Customize your machine:**

- Double automatic stretch film clamp and cutter system for two reels which includes:
  - \*Semi-automatic stretch film threading for reel changing.
  - \*Stopping system places reel dispenser head in the exact position for reel change.
- Adjustable extra wrap on both ends of the product for a higher protection.
- Ring speed controller (driver included) to adjust the stretch film overlap onto the product.
- Touch color screen to program and to adjust the machine to the specifications of the product to be wrapped (extra wrapping laps in the ends of the product, stretch film threading, 6 wrapping programs, warning messages, reels change, only ends wrapping, 6 languages programs).
- Ring speed controller (driver included) to adjust the stretch film overlap onto the product.
- Gravity roller conveyor (suggested). - W47" (1200mm) x L40" (1000mm)
- Gravity roller conveyor + tilter system to place product from vertical to horizontal - W47" (1200mm) x L59" (1500mm).
- Table with 3 gravity rollers in triangle to wrap round products.
- Rollers side guide with manual fitting.
- Short products bridge < 23" (600 mm).
- Top presser with manual fitting.
- Manual bubble wrap top dispenser (integrated on machine) for reel up to 47" (1200mm).
- Manual bubble wrap floor dispenser for reel up to 47" (1200mm).
- Remote technical assistance (via Internet).



**ORBITAL WRAPPING MACHINE - OWM-SA-200**  
 Semi-automatic machine for horizontal packing with stretch film

**Technical Specifications:**

<b>Sizes of Product to Wrap:</b>	
•Maximum Length -	no limit
•Minimum Length -	24" (600mm) when the conveyors enters the loop - or - 16" (400mm) with short-products bridge
•Width & height -	Refer to chart below - minimum 16"x16" (400 x 400mm)

<b>Electrical Equipment:</b>	
Electrical Tension	110V single phase
Power	480V 3-Phase I (for configuration with cutting system)
Manuever	24V DC
Electrical Consumption	0.55 KW
Ring Rotation Speed	5 to 55 RPM (configuration with speed inverter)
Speed Inverter	Omron (according to the configuration)
PLC	Omron (according to the configuration)
Pneumatic Pressure	6 Bars (for configuration with cutting system)
Compressed Air Consumption	24 liters/cycle (for configuration with cutting system)

<b>Stretch Film or Paper* Reel Specifications</b>	
Width	4", 6", or 10" (100, 166, or 250mm)
Thickness	20, 23, 30, 35, or 50 microns
External / Internal ø	9" (230mm) / 1.5" (38mm)
Color	Transparent / Opaque
<i>*Only for units without a cutting system</i>	

*Product Size to Wrap*

