

Applications:

Packaging, grouping and protection with stretch film of products like furniture, doors, panels, wooden boards, garage door panels, cabinets, and other bulky products.

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

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.
- 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 position for reel changing.
- 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 a trapezoidal belt with low maintenance and wear.
- Integrated electrical cabinet illuminated with LED to facilitate operations; incorporates master switch.
- Control panel: power light, warning light, reset button (except with cutter system, placed on touch screen) and emergency stop.
- Machine certificate meeting CE safety standards (2006/42/CE 2014/30/UE 2014/35/CE-BT).



Customize your machine:

- Adjustable extra wraps 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). - W40" (1000mm) x L40" (1000mm).
- Gravity roller conveyor + tilter system to place product from vertical to horizontal - W47" (1200mm) x L59" (1500mm).
- Table with gravity balls (multidirectional).
- Table with 4 gravity rollers in cross to wrap round products.
- Rollers side guide with manual fitting.
- Short products bridge < 23" (600 mm).
- Top presser with manual fitting.
- Manual bubble wrap floor or top dispenser (integrated on machine) for reel up to 63" (1600mm).
- Remote technical assistance (via Internet).



*gravity roller conveyors (optional)

ORBITAL WRAPPING MACHINE - OWM-SA-160

Semi-automatic machine for horizontal packing with stretch film

Technical Specifications:

Sizes of Product to Wrap:	
•Maximum Length -	no limit
•Minimum Length -	24" (600mm) or 16" (400mm) with short-products bridge
•Width & height -	Refer to chart below

Electrical Equipment:	
Power	110v single phase
Engine	1.5 KW
Manuever	24V dc
Electrical Consumption	0.52 KW
Ring Rotation Speed	5 to 50 RPM (configuration with speed inverter)
Speed Inverter	Omron
PLC	Omron
Pneumatic Pressure	90 psi (for configuration with cutting system)
Compressed Air Consumption	6.4gal/cycle (for configuration with cutting system)

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

