

Applications:

Packaging, grouping and protection with stretch film products like mouldings, flooring, profiles, aluminium bars, tubes, blinds, etc.

Working Process:

Product moves automatically into the ring of the wrapping machine through in-feed, driven conveyor; the electrical photocell detects the product and engages the machine to wrap the product with stretch film. Finally, an out-feed, driven conveyor belt pushes out the fully wrapped product.

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 & automatic stretch film threading.
- Double automatic film clamp and cutter system for two reels; cuts even with zero tension & has a blade protector for user safety.
- Adjustable stretch film tension to fit it to the product.
- Device that disables the machine while changing the reel for worker safety.
- Ring speed controller to adjust working speed or stretchfilm overlap onto the product.
- Ring driver system through trapezoidal belt with low maintenance and wear.
- Adjustable extra wrapping laps in both ends of the product for a higher protection.
- Interactive color touch screen enables programming the unit to the needs of the product:
 - Wrapping programs (9):
 - 1 thru 4 - Complete wrapping (from one product end to the other), 5-Only ends,6-Banding, 7-Complete with intermediate banding, 8-Semi-automatic and 9-Only conveyors.
 - Display of messages, explanatory gif videos, change of reel, regulation of extra laps at product ends, on/off top presses (optional), up & down top presses regulation time (optional), distance between bandings, preventive maintenance warning.
 - Option to eliminate film tails in the product start.
 - Screen lock with password to avoid inappropriate manipulations of the chosen parameters.
- Electrical photocell to start wrapping cycle.
- Integrated electrical cabinet, illuminated with LED, to facilitate operations; incorporates master switch.
- LED warning light to inform status of orbital wrapper (operative, working or emergency).
- Machine certificate meeting CE safety standards (2006/42/CE 2014/30/UE 2014/35/CE-BT).



FA-50 with driven conveyors (optional)
Top & lateral presses (optional)

Customize your machine:

- Infeed & outfeed top pressers - manual fitting or automatic fitting (includes electrical photocell to detect product outfeed).
- Rollers side guide - manual fitting.
- Driven conveyor with a belt, metal rollers, or chain - W500 x L1000mm (other dimensions also available).
- Driven conveyor metal rollers in "V" shape W600 x L2000mm.
- Automatic driven system to load and/or remove product laterally.
- Wheels with brake.
- Short products bridge <500 mm.
- Warning of film reel end.
- Warning of film breakage.
- Safety fences + safety kit.
- Manual bubblewrap floor dispenser for reel up to 600mm.
- Double automatic dispenser up to W1000mm - bubble plastic · foam · polyethylene.

ORBITAL WRAPPING MACHINE - OWM-FA-90
 Automatic machine for horizontal packaging with stretch film

Technical Specifications:

Sizes of Product to Wrap:

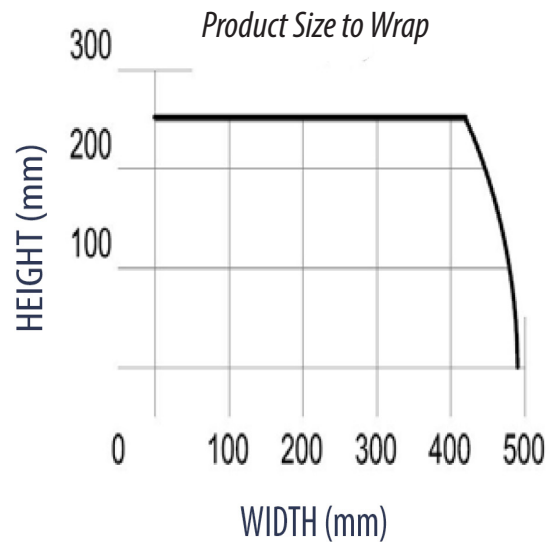
•Maximum Length -	no limit
•Minimum Length -	500mm
•Width & height -	Refer to chart below - minimum (50 x 50 x 500mm L)

Recommended driven conveyor specifications:

•Useful Width -	460mm
•Length -	1,000mm
•Working Height -	adjustable
•Engine -	0.37 KW
•Lineal Speed -	From 26ft/min. -up to- 98ft/min.
•Max. Weight to Convey -	165lbs/linear yard

Electrical Equipment:

Power	110v single phase
Engine	1.25 KW
Manuever	24V DC
Electrical Consumption	0.64 KW
Ring Rotation Speed	5 to 180 RPM
Speed Inverter	Omron
PLC	Omron
Pneumatic Pressure	6 bars (88 psi)
Compressed Air Consumption	1.5gal/cycle
Touch Screen	5 inches



Stretch Film or Paper* Reel Specifications

Width	4" (100mm)
Thickness	23, or 30 microns
External / Internal ø	7 3/4" (200mm) / 1.5" (38mm)
Color	Transparent / Opaque

