

SEMI-AUTOMATIC ORBITAL WRAPPING MACHINE FV300/160

Semiautomatic machine for horizontal packaging with stretchfilm.

Applications:

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

Working process:

The user places the product manually until the ring through the infeed gravity roller conveyor; pressing the footswitch the machine wraps it with stretchfilm. Finally the user takes out manually the product fully wrapped through the outfeed gravity rollers conveyor.

Standard equipment:

- Steel frame, painted in grey and base in blue colour
- Ring assembled in the frame, painted in yellow colour.
- Double reel dispenser head; allows to wrap with two reels of stretchfilm for a reinforced wrapping and faster packaging or to wrap with one reel for a simple wrapping; ready to use reels of different width.
- Fast changing reels without tools and with self-fixing system.
- Adjustable stretchfilm tension to fit it to the product.
- Device that unables the machine to work while changing the reel for worker safety.
- Safety footswitch to start/finish the wrapping cycle.
- Ring driver system through trapezoidal belt of low maintenance and wear.
- Control panel and electrical box: Master switch, power light, warning light, reset button & emergency stop.
- Steel packaging around the frame base for transport.
- Machine certificate meeting CE safety standards (2006/42/CE, 2004/42/CE & 93/68/CEE).

Optional accessories:

- Double automatic stretchfilm clamp and cutter system for two reels which includes:
 - ✓ Semiautomatic stretchfilm threading for reel changing.
 - ✓ Stopping system to place the reel dispenser head in the exact position for reel changing.
 - ✓ Adjustable extra wrapping laps in both ends of the product for a higher protection.
 - ✓ Ring speed controller (driver included) to adjust the stretchfilm overlap onto the product.
 - ✓ Touch colour screen to programme and to adjust the machine to the specifications of the product to be wrapped (extra wrapping laps in the ends of the product, stretchfilm threading, 6 wrapping programmes, warning messages, reels change, only ends wrapping, 6 languages programmes).
- Ring speed controller (driver included) to adjust the stretchfilm overlap onto the product.
- Gravity rollers conveyor W31.5 x L39 in. (suggested).
- Gravity rollers conveyor + tilter system to place product from vertical to horizontal W47in x L59 in.
- Table with 3 gravity rollers in triangle to wrap round products.
- Rollers side guide with manual fitting.
- Short products bridge < 23.5 in.
- Top presser with manual fitting.
- Manual bubblewrap top dispenser (integrated on machine) for reel up to 47 in.
- Manual bubblewrap floor dispenser for reel up to 47 in.
- Remote technical assistance (via Internet).
- No standard machine colour.
- Seafreight wooden crate.
- Seafreight wooden box.



Technical specifications:

Product to wrap sizes:	
• Maximum / minimum length	: No limit / 23.5 in or 15.5 in with short products bridge.
• Width and height	: Check with graphic.

Electrical equipment:	
• Electrical tension	: 480V III+N. : 110V I. (for configuration with cutting system)
• Engine	: 2.011 hp.
• Manoeuvre	: 24V c.c.
• Electrical consumption	: 0.697 hp.
• Ring rotation speed	: 5 to 50 rpm (For configuration with speed inverter).
• Speed inverter	: Fuji (according to the configuration).
• PLC	: Omron (according to the configuration).
• Pneumatic pressure	: 6 bars (for configuration with cutting system).
• Compressed air consumption	: 2.9 psi/cycle (for configuration with cutting system).

Stretchfilm or paper* reel specifications:	
• Width	: 10, 6.5 or 4 in.
• Thickness	: 80, 90, 120, 140 or 200 gauge.
• External / Internal Ø	: 9 / 1.5 in.
• Colour	: Transparent / opaque.

(*) Only for configuration without cutting system.

Installed machine sizes	: Check attached drawing.
Packed machine sizes	: 8.35 x 7.38 x 5 ft. – 1874 lb.
Packed film reels sizes	: 3.3 x 4 x 6 ft. – 1726 lb.

