

## SEMI-AUTOMATIC ORBITAL WRAPPING MACHINE FV300/050

**Semiautomatic machine for horizontal packaging with stretchfilm.**

### **Applications:**

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

### **Working process:**

The user places the product manually until the ring through the infeed gravity rollers conveyor; pressing the footswitch the machine wraps it with stretchfilm. Finally the user take 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.
- Adjustable rotation ring speed to control the stretchfilm overlap onto the product.
- Device that unable 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, speed controller & emergency stop.
- Packaging in wooden pallet for transport.
- Machine certificate meeting CE safety standards (2006/42/CE, 2004/42/CE & 93/68/CEE).

### **Accessories (optional):**

- Double automatic stretchfilm clamp and cutter system for two reels.
- Infeed & outfeed gravity rollers table for product feeding (suggested).
- Gravity rollers conveyors.
- Side vertical rollers "V" shape.
- Short products bridge.
- Top presser with manual fitting.
- Wheels with brake.
- Manual bubblewrap floor dispenser for reel up to 23.5 in.
- No standard machine colour.
- Seafreight wooden crate.
- Seafreight wooden box.



**Technical specifications:**

Product to wrap sizes:	
• Maximum / minimum length	: No limit / 10 in. or 6 in. with short products bridge.
• Width and height	: Check with graphic.

Electrical equipment:	
• Power	: 110V l.
• Engine	: 0.536 hp.
• Manoeuvre	: 24V c.c.
• Power consumption	: 0.348 hp.
• Ring rotation speed	: 5 to 150 rpm.
• Speed inverter	: Omron.
• PLC	: Omron.
• Pneumatic pressure	: 6 bars (for configuration with cutting system).
• Compressed air consumption	: 0.36 psi/cycle (for configuration with cutting system).

Stretchfilm or paper* reel specifications:	
• Width	: 4 in
• Thickness	: 68, 80, 90 or 120 gauge.
• External / Internal Ø	: 7.9 / 1.5 in.
• Colour	: Transparent / opaque.

(\*)Only for configuration without cutting system.

Installed machine sizes	: Check attached drawing.
Packed machine sizes	: 3.94 x 2.6 x 5.4 ft. - 330 lb.
Packed film reels sizes	: 3.3 x 3.94 x 6.45 ft. – 2017 lb.

