

## ORBITAL WRAPPING MACHINE FVA 50

Semiautomatic machine for packaging of square or round products with stretchfilm

### Applications:

Packaging and protection with stretchfilm square products such as frames, structures and windows without glass. Also for round products such as hose rolls, wire rolls, wheels and rings.

### Working process:

The user places the product manually until the wrapping machine ring centre; pressing the footswitch the ring closes automatically; the user turn the product and the machine wraps it with stretchfilm; the ring opens automatically and, finally, the user take out the product fully wrapped.



### Standard equipment:

- Steel frame, painted in grey and base in green colour
- Ring assembled in the frame, painted in yellow colour.
- Table with gravity rollers for easy feeding product through the ring.
- 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.
- Stopping system to place the reel dispenser head in the exact position for reel changing.
- Adjustable rotation ring speed to control the stretchfilm overlap onto the product.
- 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 / warning light, reset button, speed controller, reel change & 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.
- Table with multidirectional gravity balls for easy feeding product through the ring.
- Table with driven rollers for automatic product rotation (for round products only).
- External table with driven rollers for automatic products rotation (for round products only) (up to d.71 in.).
- Side vertical roller with manual fitting to guide the product.
- Horizontal external gravity rollers to wrap profiles.
- Wheels with brake.
- Remote technical assistance (via Ethernet).
- No standard machine colour.
- Seafreight wooden crate.
- Seafreight wooden box.

**Technical specifications:**

Product to wrap sizes:	
• Minimum inner Ø	: 11.5 in.
• Minimum / Maximum outer Ø	: 14.8 / 37.5 in.
• Minimum inner □	: 9.5 x 9.5 in.
• Minimum outer □	: 13.5 x 13.5 in.
• Maximum thickness	: 8.85 in.
• Minimum / Maximum weight	: 11 / 55 lb.

Electrical equipment:	
• Power supply	: 110V I.
• Engine	: 0.48 hp.
• Manoeuvre	: 24V c.c.
• Power consumption	: 0.45 hp.
• Ring rotation speed	: Adjustable up 50 rpm.
• Speed inverter	: Fuji.
• Automat / PLC	: Omron.
• Pneumatic pressure	: 4 bars.
• Compressed air consumption	: 0.725 psi/cycle.

Stretchfilm reel specifications:	
• Width	: 4 in.
• Thickness	: 68, 80, 90 or 120 gauge.
• Ø external / internal	: 4.7 / 1.5 in.
• Colour	: Transparent or opaque.

Installed machine sizes	: Check attached drawing.
Packed machine sizes	: 4 x 4.6 x 4.75 ft. – 440 lb.
Packed film reels sizes	: 3.3 x 4 x 5.5 ft. – 1929 lb.

