

ORBITAL WRAPPING MACHINE FV350/125N

Automatic machine for wrapping round products with stretchfilm.

Applications:

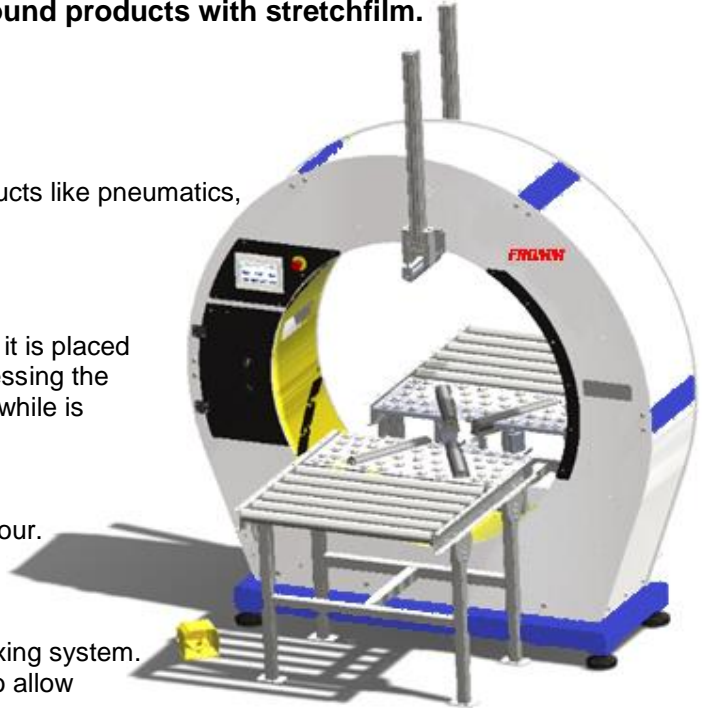
Packaging, grouping and protection with stretchfilm products like pneumatics, coils, hose reels, wiring rolls, rings, etc.

Working process:

Move the product through the infeed roller conveyor until it is placed on the driven rollers, located in the center of the ring. Pressing the footswitch, automatically, the product will rise and rotate while is wrapped with stretchfilm.

Standard equipment:

- Steel frame, painted in grey and base in blue colour.
- Ring assembled in the frame, painted in yellow colour.
- Gravity roller conveyors.
- Fast changing reels without tools and with self-fixing system.
- Driven rollers system with pneumatic elevators to allow rotation of the product.
- 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 of different width.
- Adjustable stretchfilm tension to fit it to the product.
- Double automatic stretchfilm clamp and cutter system for two reels.
- Automatic stretchfilm threading for reel changing.
- 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
- Device that unables the machine to work while changing the reel for worker safety.
- Ring driver system through trapezoidal belt of low maintenance and wear.
- Touch colour screen to program and adjust the machine to the specifications of the product to be wrapped. Wrapping programs (6): standard program (complete wrapped of the product), Cross program (packed only two perpendicular stripes of the product), program 90 (partial product packaging), linear program (lift off and motorization of roller conveyors for packaging elongated boxes or products) and two additional adjustable programs user.
- Tower lights to inform status of orbital wrapper.
- Control panel and electrical box with: Master switch, power light, start button, reset button ring speed control, conveyors speed control, emergency stop and touch screen.
- Packaging in metallic pallet for transport.
- Machine certificate meeting CE safety standards (2006/42/CE, 2004/42/CE & 93/68/CEE).



Accessories (optional):

- Infeed & outfeed top pressers, automatic fitting, to hold the product.
- Warning of reel end.
- Remote technical assistance.
- No standard machine colour.
- Seafreight wooden crate.
- Seafreight wooden box.

Technical specifications:

Product to wrap sizes:

- Minimum / Maximum external diameter : 19.5 in. / 43 in.
- Minimum / Maximum internal diameter : No limit / 37.5 in.
- Maximum length : No limit.
- Other sizes : Check with graphic.

Conveyor specifications:

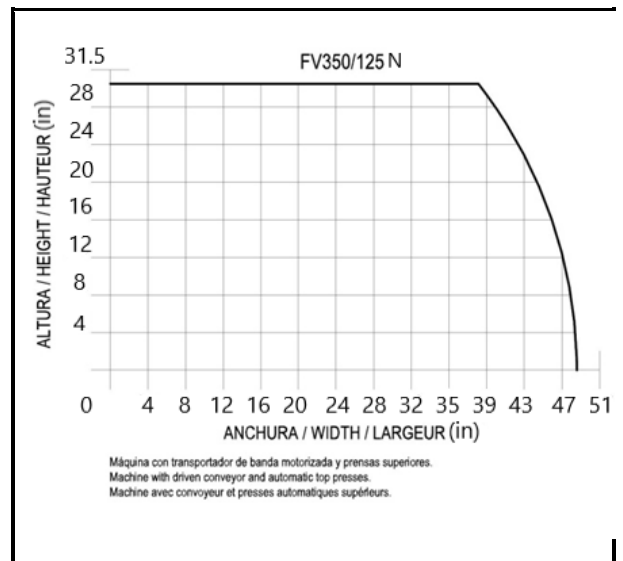
- Useful width : Check attached drawing.
- Length : 39 in.
- Working height : Adjustable.
- Engine : 4 x 32 W.
- Lineal speed : Up to 49 fpm.
- Max. Weight to convey : 165 lb.

Electrical equipment:

- Engine : 4 hp.
- Power supply : 480V III+N
- Manoeuvre : 24V c.c.
- Power consumption : 2.16 hp.
- Ring rotation speed : From 5 to 80 rpm.
- Speed inverters : Omron.
- Programmable PLC : Omron.
- Pneumatic pressure : 6 bars.
- Compressed air consumption : 5.48 psi/cycle

Stretchfilm reel specification:

- Width : 4 in.
- Thickness : 90, 120, 140 or 200 gauge.
- External / Internal Ø : 8 / 1.5 in.
- Colours : Transparent / opaque



- Installed machine sizes : Check attached drawing.
- Packed machine sizes : 7.8 x 5 x 6.5 ft. – 2017 lb.
- Packed film reels sizes : 3.3 x 4 x 6.5 ft. – 2017 lb.

