

ORBITAL WRAPPING MACHINE NELEO 90

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 green 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 enable 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 1200mm.
- No standard machine colour.
- Seafreight wooden crate.
- Seafreight wooden box.



*Mod. with gravity rollers conveyors and cutter system (optional)

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Technical specifications:

Product to wrap sizes:

- Maximum / minimum length : no limit / 350mm or 250 mm with short products bridge.
- Width and height : check with graphic.

Electrical equipment:

- Power : 230V I.
- Engine : 0,75 Kw
- Manoeuvre : 24V c.c.
- Power consumption : 0,31 Kw
- Ring rotation speed : 5 to 90 rpm.
- Speed inverter : Omron.
- PLC : Omron.
- Pneumatic pressure : 6 bars (for configuration with cutting system).
- Compressed air consumption : 5 liters/cycle (for configuration with cutting system).

Stretchfilm or paper* reel specifications.

- Width : 100 or 166 mm.
- Thickness : 17, 20, 23 or 30 microns.
- External / Internal Ø : 200 / 38 mm.
- Colour : Transparent / opaque.

(*)Only for configuration without cutting system.

Installed machine sizes

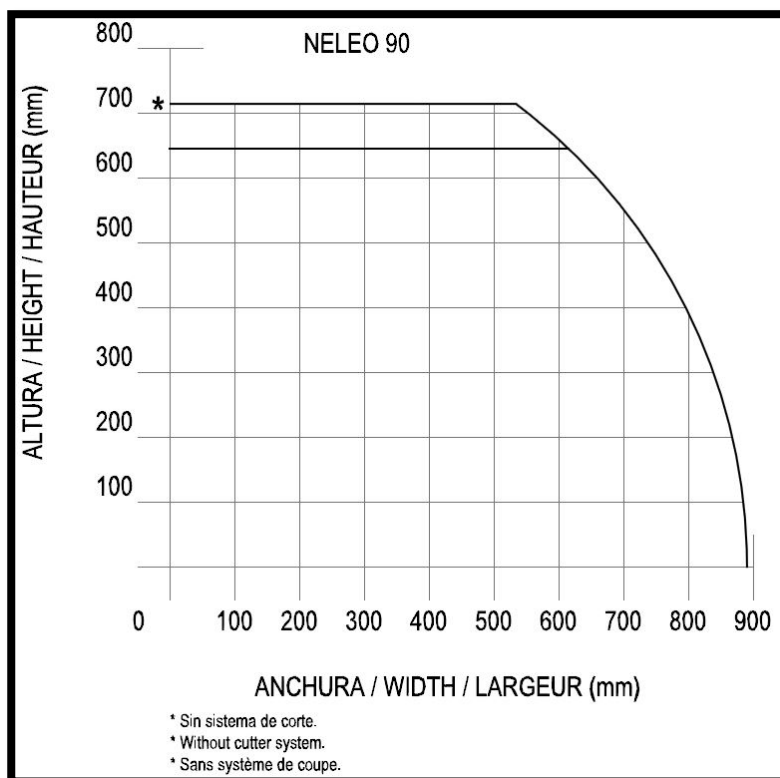
: Check attached drawing.

Packed machine sizes

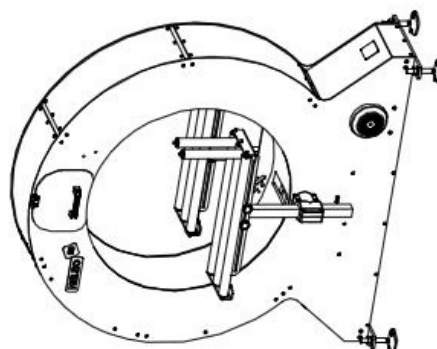
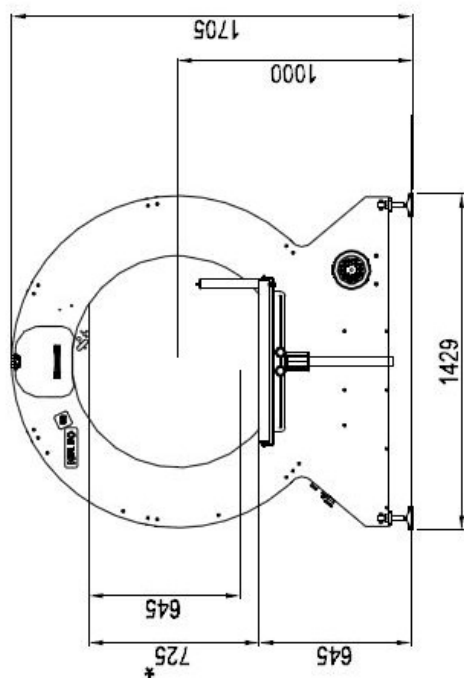
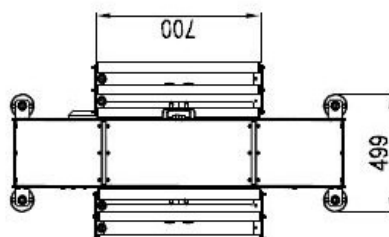
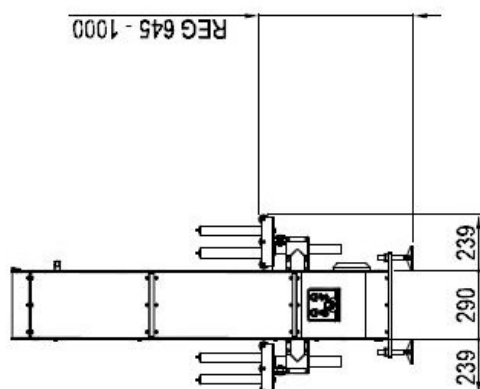
: 1,50 x 1,05 x 1,85 m - 185 Kg.

Packed film reels sizes

: 1,00 x 1,20 x 1,97 m - 725 Kg.



Technical specifications are subject to change without notice.



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IMPORTANTE:
Cotas sin
tolerancia: $\pm 0,2$

✓ Bric
✓ Mecanizado láser
✓ Mecanizado fino
✓ Rectificado

Fecha: 16/02/16
Dibujado: 16/02/16
Compr: 16/02/16

Firma: A. Rumbal
M. Sisó

Tratamiento: NELEO 90

Nº de Plano: 311.40/090
Versión: A 01.0
Escala: 1:20

* Sin sistema de corte
* Without cutter system
* Sans système de coupe

☐ E Mod. con trasportadores de rodillos (opcionales)

☒ UK Mod. with gravity roller tables (optional)

☐ F Mod. avec convoyeur à rouleaux (optional)