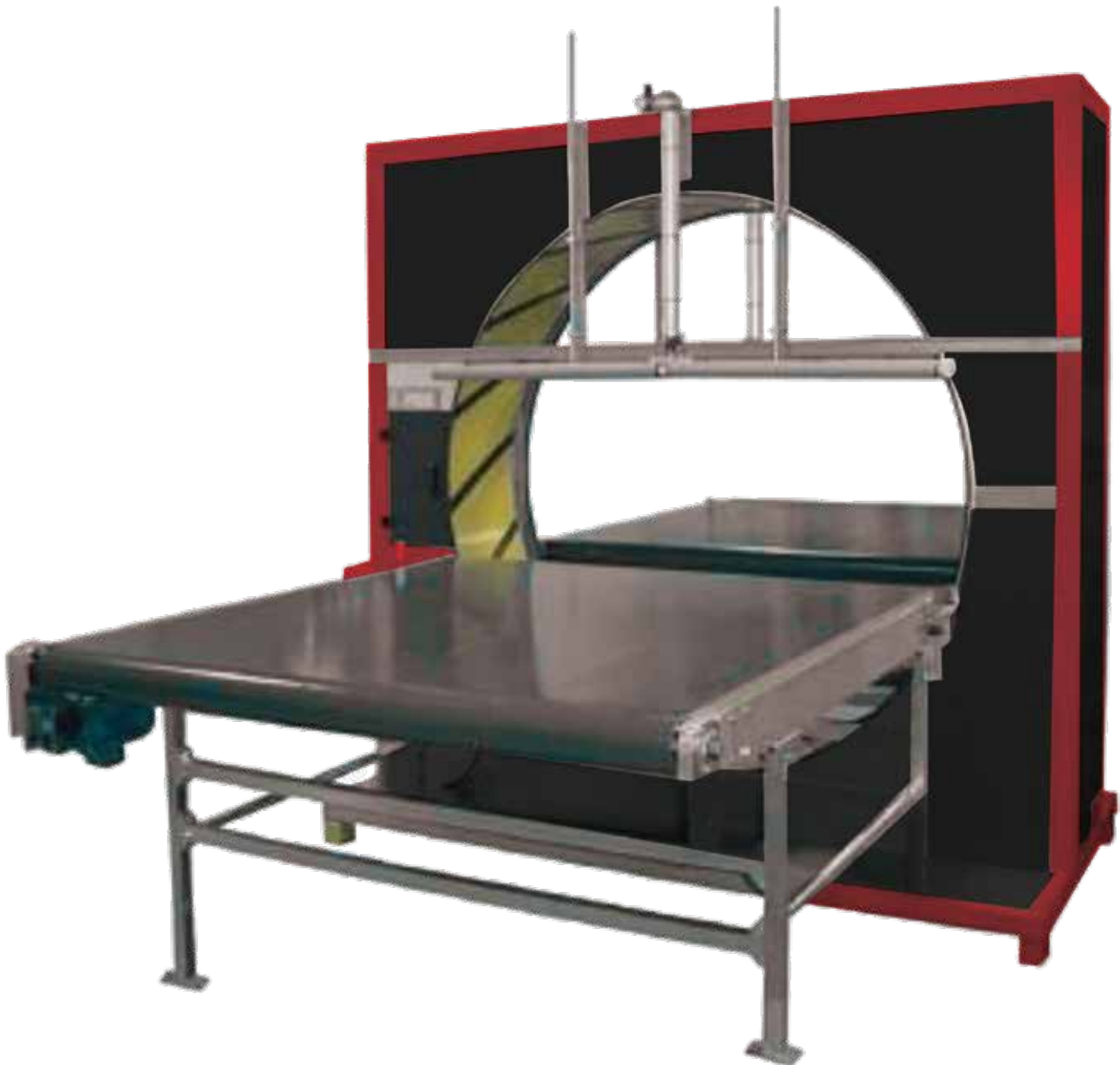# OMNI 200 PLUS

Omni 200 Plus orbital wrapper

Automatic

Aside from being Omni's largest standard orbital wrapper, the Omni 200 Plus Orbital Wrapper comes with a wide array of benefits. Paired with our spiral wrap, its larger size makes wrapping wide wooden boards, furniture and larger construction materials efficient and seamless. It also comes with a variety of tools to maximize efficiency. Its primary component, the two stretch wrap reels make wrapping your goods a breeze!
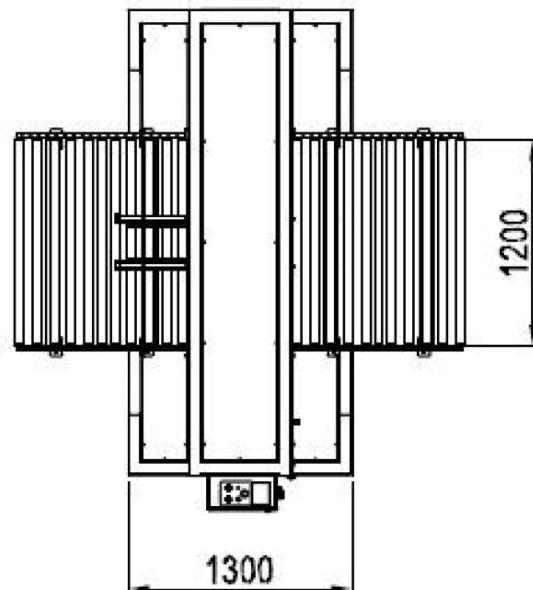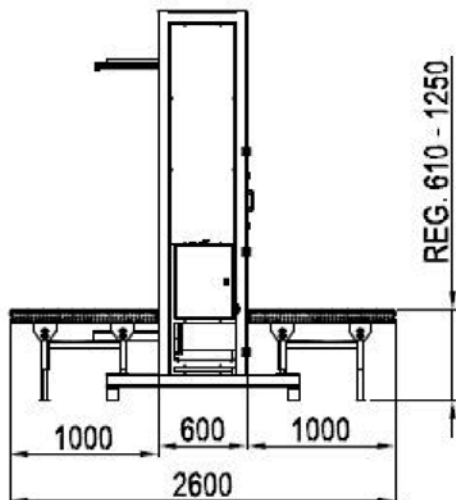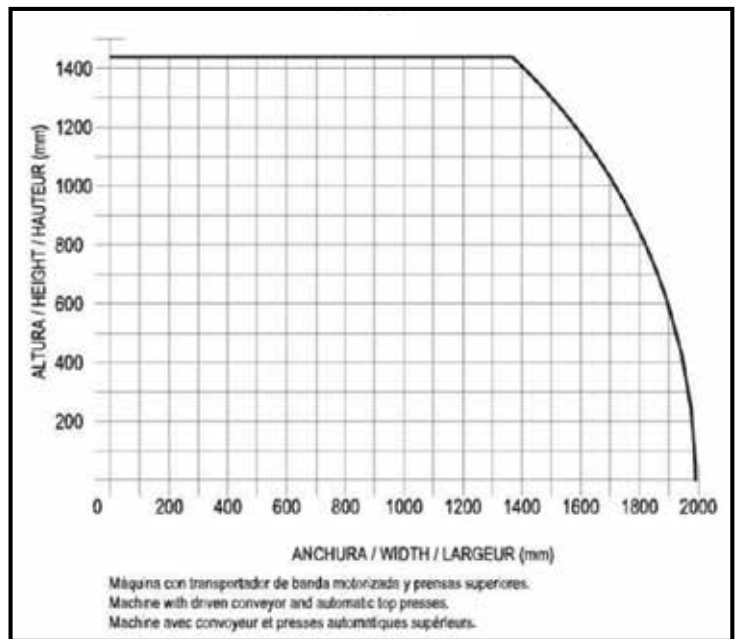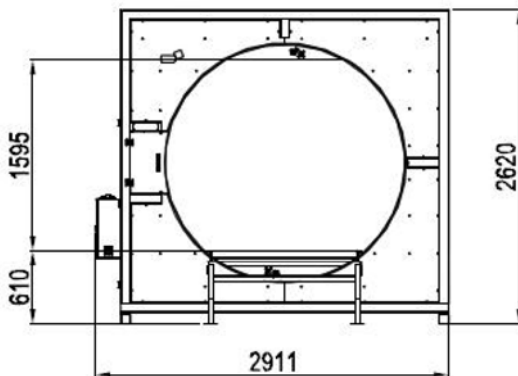
Product to wrap sizes

Width and height	unlimited/600 mm (400 mm with bridge).

Electrical equipment

Power supply	400V III+N.
Engine	3 Kw
Power consumption	1.66 Kw
Ring rotation speed	From 5 to 55 rpm.
Pneumatic pressure	6 bars.
Compressed air consumption	45 liters/cycle.

Stretch film reel specifications

Width	250, 166 or 100 mm.
Thickness	23, 30, 35 or 50 microns.
External/Internal ø	230/38mm
Colour	Black & Red

Máquina con transportador de banda motorizada y prensas superiores.
Machine with driven conveyor and automatic top presses.
Machine avec convoyeur et presses automatiques supérieurs.

OMNI 200 PLUS

Omni 200 Plus orbital wrapper

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.
- Adjustable stretchfilm tension to fit it to the product.
- Fast changing reels without tools and with self-fixing system.
- 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 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 program and adjust the machine to the specifications of the product to be wrapped with: Extra wrapping laps in the ends of the product, stretchfilm threading, 6 wrapping programs, warning messages, reels change, only ends wrapping, 6 languages programs, presses on/off, infeed top press up time control, outfeed top press down time control and conveyors stopping time.
- Wrapping programs (6): standard program (wrapping from end to end of the product), bundling program (to wrap product ends only) and four programs else to be issued by the user.
- Backwards conveyors selector and selector product goes through the ring but without wrapping; this option is used in machines which are set up in automatic lines where some products do not need to be wrapped.
- Variable driven conveyors speed to control the wrapping speed or to adjust stretchfilm overlap onto the product.
- Electrical photocell to start the wrapping cycle.
- Device that unable the machine to work while changing the reel for worker safety.
- Ring driver system through trapezoidal belt of low maintenance and wear.
- Control panel and electrical box with: Master switch, power light, warning light, start button, reset button ring speed control, conveyors speed control, emergency stop and touch screen.
- Tower lights to inform status of orbital wrapper.
- 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

- Infeed & outfeed top pressers - manual fitting.
- Infeed & outfeed top pressers - automatic fitting.
- Rollers side guide - manual fitting.
- Driven conveyor belt W1200 x L1000mm (other dimensions also available).
- Driven conveyor metal rollers W1200 x L1000mm (other dimensions also available).
- Driven conveyor chain W1200 x L1000mm (other dimensions also available).
- Driven conveyor belt with pneumatic lift to place corners W1000 x L2500mm.
- Driven conveyor metal rollers "V" shape W1200 x L4000mm.
- Gravity rollers conveyor + tilter system to place product from vertical to horizontal W1200mm x L1500mm.
- Table with driven rollers (3) in triangle with pneumatic lift to wrap round products.
- Table with driven (2) in parallel to wrap round products.
- Hydraulic lift table to centre conveyor belt/rollers vs. ring.
- Short products bridge < 600 mm.
- Driven conveyor belts (bridge) for short products W1150 x L600mm.
- Wooden/porex blocks automatic dispenser (includes driven conveyor for short products W1150 x L600mm).
- Warning of reel end.
- Safety fences + safety kit.
- Remote technical assistance (via Ethernet).
- No standard machine colour.
- Seafreight wooden crate.
- Seafreight wooden box.
- Manual bubblewrap top dispenser (integrated on machine) for reel up to 1600mm.
- Manual bubblewrap floor dispenser for reel up to 1600mm.
- Automatic top & bottom bubblewrap reel dispenser up to W1600mm.

Includes:

  - Welding bar by electrical resistances to join the ends of the top and bottom bubblewrap reels.
  - Welding temperature control to adjust the temperature depending on the bubblewrap thickness.
  - Top and bottom bubblewrap reel dispenser; top reel to cover top side product length and bottom reel to cover bottom side product length.
  - Electrical photocell to start automatically the wrapping cycle.
  - Driven feeding of top and bottom bubblewrap reels, to avoid product pulls directly from them.
  - Selector to cancel the automatic dispenser and to allow machine wrapping with stretchfilm only.
  - Tower lights to inform status of dispenser.