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| **AUTOMATIC ORBITAL WRAPPING MACHINE FV350/050** |
| **Automatic machine for horizontal packaging with stretchfilm.** |
| **neleo50.jpg** |
| **Applications:**  Packaging, grouping and protection with stretchfilm of products like  mouldings, flooring, profiles, aluminium bars tubes, blinds, etc. |
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| **Working process:**  Product arrives automatically until the ring of the wrapping  machine through an infeed driven conveyor; the electrical photocell  detects the product and the machine wraps it with stretchfilm.  Finally, an outfeed driven conveyor push out the product fully wrapped. |
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| **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. * 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. * Adjustable rotation ring speed to control 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. * Packaging in wooden pallet for transport. * Machine certificate meeting CE safety standards (2006/42/CE, 2004/42/CE & 93/68/CEE). |

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| **Optional Accessories:**   * Infeed & outfeed top pressers, manual fitting, to hold the product. * Infeed & outfeed top pressers, automatic fitting, to hold the product. * Side vertical rollers, manual fitting, to guide and/or to group the product. * Side vertical rollers, automatic fitting (pneumatic), to guide and/or to group the product * Driven conveyor metal rollers W19.5 x L39 in (other dimensions also available). * Driven conveyor belt W23.5 x L39 in (other dimensions also available). * Driven conveyor metal rollers "V" shape W23.5 x L79 in. * Automatic system to load laterally the product to be wrapped. * Automatic pneumatic system to remove the wrapped products laterally. * Automatic driven system to remove the wrapped products laterally. * Short products bridge. * Wheels with brake. * 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 floor dispenser for reel up to 23.5 in. * Automatic top & bottom bubblewrap reel dispenser up to W39 in.   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. | | | | |
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| 010 copia - copia.jpg | | | DSCN3324 - copia.JPG | |
| \*Mod. with driven conveyors (optional)  and automatic top and lateral presses (optional). | | | | |
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| **Technical specifications:** | | | |
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| Product to wrap sizes: | | | |
| * Maximum / minimum length | | : Unlimited / 19.5 in. | |
| * Other sizes | | : Check with graphic. | |
| * Minimum sizes | | : 2 x 2 x 19.5 in.(L) | |
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| Recommended driven conveyor specifications: | | | |
| * Useful width | : 18 in. | | |
| * Length | : 39 in. | | |
| * Working height | : Adjustable. | | |
| * Engine | : 0.496 hp. | | |
| * Lineal speed | : From 26.25 fpm. up to 98.5 fpm. | | |
| * Max. weight to convey | : 110lb/ lineal meter. | | |
| (\*)Speed inverter for inner driven conveyor 1 hp and exit driven conveyor 1 hp. | | | |
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| Electrical equipment: | | | |
| * Engine | | : 1.63 hp | |
| * Power supply | | : 110V I. | |
| * Manoeuvre | | : 24V c.c. | |
| * Power consumption | | : 0.858 hp | |
| * Ring rotation speed | | : From 5 to 180 rpm. | |
| * Speed inverters | | : Fuji. | |
| * Programmable PLC | | : Omron. | |
| * Pneumatic pressure | | : 6 bars. | |
| * Compressed air consumption | | : 6 liters/cycle. | |
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| Stretchfilm reel specifications: | | | |
| * Width | | : 3.9 in. | |
| * Thickness | | : 68, 90 or 120 gauge. | |
| * External / internal Ø | | : 7.9 / 1.5 in. | |
| * Colours | | : Transparent / opaque. | |
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| Installed machine sizes | | : Check attached drawing. | |
| Packed machine sizes | | : 3.9 x 2.6 x 5.6 ft – 330 lb. | |
| Packed film reels sizes | | : 3.3 x 3.9 x 6.4 ft - 2017 lb. | |
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