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| **ORBITAL WRAPPING MACHINE FVA 90** |
| **Automatic machine for horizontal packaging with stretchfilm round products** |
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| **Applications:**  Packaging and protection with stretchfilm round products such as hose rolls, wire  rolls, wheels and rings. |
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| **Working process:**  The user places the product manually until the wrapping machine ring center;  pressing the footswitch the ring closes automatically; the  product turns automatically and the machine wraps it with  stretchfilm; the ring opens automatically and, finally, the user  take out the product fully wrapped. |
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| **Standard equipment:**   * Steel frame, painted in grey and base in green colour * Ring assembled in the frame, painted in yellow colour. * Driven rollers table to make the rotation of product automatically. * 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 rotation ring speed to control the stretchfilm overlap onto the product. * Variable driven conveyors speed to control the wrapping speed or to adjust 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, ring speed control, rollers speed control, reel change & emergency stop. * Polycarbonate side shields. * 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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| **Accessories (optional):**   * Side vertical roller with manual fitting to guide the product. * Wheels with brake. * Remote technical assistance (via Ethernet). * No standard machine colour. * Seafreight wooden crate. * Seafreight wooden box. |
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| **Technical specifications:** | |
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| Product to wrap sizes: | |
| * Minimum inner Ø | : 13.8 in. |
| * Minimum / Maximum outer Ø | : 17 / 71 in. |
| * Minimum inner □ | : 138 x 138 in. |
| * Minimum outer □ | : 17.5 x 17.5 in. |
| * Maximum thickness | : 16.5 in. |
| * Minimum / Maximum weight | : 22 / 165 lb. |
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| Electrical equipment: | |
| * Power supply | : 110V I. |
| * Engine | : 1.22 hp. |
| * Manoeuvre | : 24V c.c. |
| * Power consumption | : 0.83 hp. |
| * Ring rotation speed | : Adjustable up 30 rpm. |
| * Speed inverter | : Fuji. |
| * Automat / PLC | : Omron. |
| * Pneumatic pressure | : 4 bars. |
| * Compressed air consumption | : 7 liters/cycle. |
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| 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. |
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| Installed machine sizes | : Check attached drawing. |
| Packed machine sizes | : 7 x 6 x 5.5 ft. – 816 lb. |
| Packed film reels sizes | : 3.3 x 4 x 5.5 ft. – 1929 lb. |
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