

Loesch LTM, LTM/gr

Automatic one station fold wrapping machine for chocolate tablets and bars

The flexible fold wrapping machine for higher speeds of up to 180 packages per minute. The proven LTM series is used for wrapping of chocolate tablets, bars and small bars and other confectionery products of rectangular shape.



Technical Features

Functioning:

- Feeding of the products onto a lower die via a feeding belt with separating device.
- Packaging materials are placed on top of the packing good by means of grippers.
- Controlled by the upper and lower die product and packaging material are pushed through the folding box.
- Folding elements execute the requested wrapping style.
- Discharge of the finished packages laying flat by means of a rake conveyor.

Design features:

- Well-established, modern machine design
- Cam-controlled with central lubrication, low-maintenance
- Computer optimized, special hardened cams
- Very high indifference to packaging material variations through gripper feeding
- Wide size range

Special advantages:

- Excellent wrapping quality
- Various types of folding and closing
- Use of different kinds of wrapping material
- Fast, simple and low-cost changeover and wrapping material change, e.g. from paper to cardboard label
- High hygiene standard
- Quick cleaning and maintenance through optimum accessibility
- High availability and long life
- Most attractive price-performance ratio



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High performance technics - A summary

Technical data

Packaging styles:

Inner wrap:

Envelope style wrap

Outer wrap:

Band wrap, envelope style wrap or cardboard wrap with tucked-in tabs; glueing of the longitudinal seam with hot-melt

Packaging materials:

Inner wrap:

Aluminium foil or laminated aluminium foil, glassine or waxed paper, films fed from a reel

Outer wrap:

Paper label, band wrap or cardboard label as carton blank, all three fed from a stack

Nominal performance:

LTM up to 180 pack./min.
LTM/gr up to 130 pack./min.

Product size range:

LTM LTM/gr

Length:

110 - 180 mm 180 - 300 mm

Width:

50 - 90 mm 75 - 130 mm

Height:

8 - 20 mm 8 - 25 mm

Machine weight:

approx. 1200 kg approx. 1350 kg

PLC:

Siemens S7 (other brands upon request)

Operating unit:

Siemens LCD display with clear text indication

Control elements:

- Overload controls for all main function units with emergency shutdown
- Wrapping material stop device
- Height control in the label magazine
- Reel end control

Main drive:

frequency controlled AC motor

Current and voltage:

230/400 V, 3 PH, N, PE, 50/60 Hz

Connecting power:

approx. 6 kW including hot-melt applicator and vacuum pump

Compressed air:

approx. 20 NL/min. at 6 bar

Protection:

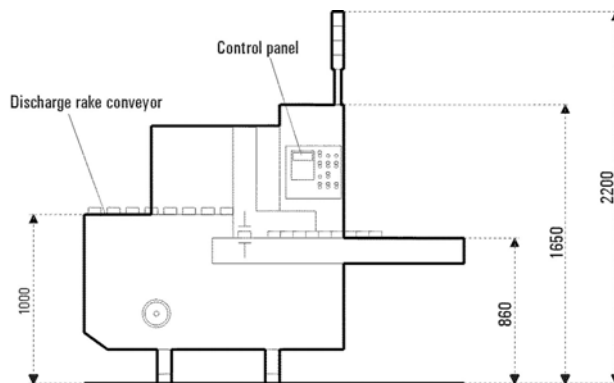
IP 54

Noise level:

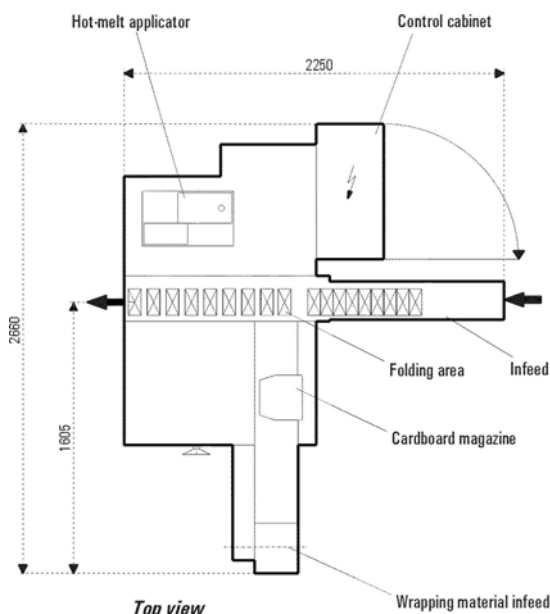
approx. 80 dba

Additional equipment:

- Second reel
- Automatic product infeed
- Product and packages controls
- Printing devices
- Photo centring for printed wrapping material from reel
- Cold glueing with turning station and vertical stacking as drying section
- Application of seasonal bands, cardboard etc.
- Accessory equipment for manual final packaging



Side view



Top view

The Loesch product range

- Automatic feeding and storage system
- Robotic pick and place systems and tray loading systems
- Fold wrapping machines for chocolate, chewing gum, bakery goods, non foods
- Roll and stick wrapping machines
- Cartoning machines
- Complete packaging lines for confectionery and dry baked goods



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