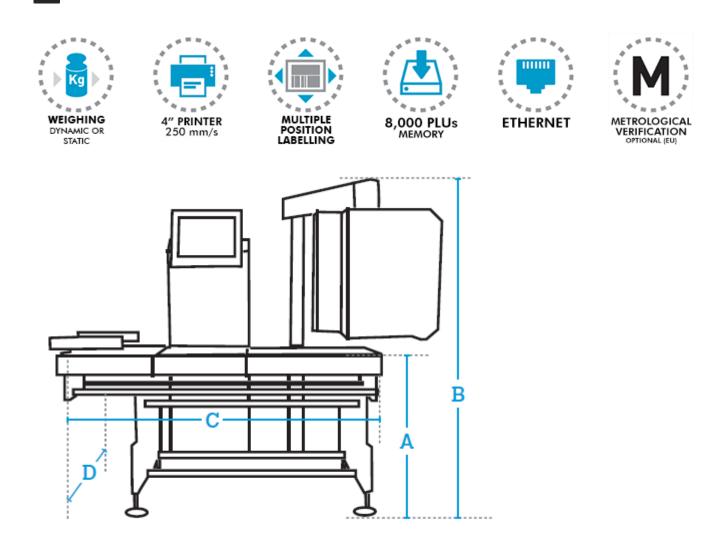# AUTOMATIC LABELLERS LS-5000

Automatic high speed weigh-price labellers: up to 200 packages per minute.

INFORMATION
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WEIGHING DYNAMIC OR STATIC	**4" PRINTER** 250 mm/s	**MULTIPLE POSITION LABELLING**	**8,000 PLUs** MEMORY	**ETHERNET**	**METROLOGICAL VERIFICATION** OPTIONAL (EU)

Data in mm

A	750 - 850 (adjustable height)
B	1,550 - 1,850 (adjustable height)
C	1,526 (with L400-L400-L600 conveyors)*
D	595 (conveyors width + console width. For W280 conveyors)**

* These measurements correspond to the sum of the separation, infeed, weighing and labelling conveyors. For other sizes, contacts us.

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OUTSTANDING FUNCTIONS

- **High speed weighing: up to 200 ppm.**
- **Labelling of fix/variable weight/price.**

- **Discrimination by weight checking.**
- **Generic traceability in label.**
- **Adapted to comply with EU Regulation 1169/2011 referring to food information.**
- **Barcodes: EAN-8, EAN-13, EAN128, CODE 128, ITF-14, QR code, GS1 Datamatrix and GS1 Databar (up to 4 barcodes per label).**
- **Air applicator: maximum productivity.**
- **State-of-the-art PC electronics.**
- **MID certification: approved equipment.**

WEIGHING

- **Weighing type:**
    - Dynamic or static.
- **Ranges according to dimensions of the weighing conveyors:**
    - 1,5 kg / 0,5 g with conveyors of 300 x W200 mm.
    - 3 kg / 1 g with conveyors of L300 x A200 mm and L400 x W280 mm.
    - 6 kg / 2 g with conveyors of L400 x W280 mm, L400 x W400 mm, L600 x W280 mm, L600 x W400 mm and L800 x W280 mm.
    - 15 kg / 5 g with conveyors of L600 x W400 mm, L800 x W280 mm and L800 x W400 mm.
- **For other weight ranges, please consult us.**

LABELLING SYSTEM

- **Print type:**
    - Direct Thermal (DT) or Thermal **Transfer (TT).**
- **Printhead:**
    - Long-lasting 4" (historical control).
- **Resolution:**
    - 8 or 12 dots/mm.
- **High speed printing:**
    - Up to 300 mm/s.
- **Label applicator type:**
    - Pneumatic piston. In top labeller also possibility of 90º rotating applicator and "Air-jet®" air blowing.
- **Position of the label applicator:**
    - Top or side (front or back, consult us).

LABELS

- **Dimensions:**
    - From L40 x W40 mm, up to L120 x W102 mm.
- **Maximum width of back paper: 110 mm.**
- **Maximum label roll diameter: 300 mm.**
- **Inside diameter of the label roll cardboard core: Ø76 mm (the cardboard joint must be the same width as the backpaper).**

CONSTRUCTION

- **Structure:**
    - AISI 304L stainless steel and anodized aluminium.
- **Belts (all of them with FDA approval):**
    - Standard.
    - High speed: super adherent.
    - Sliders: for expulsion areas.
    - Hygienic.
- **Guides:**
    - AISI 304L stainless steel, anodized aluminum and cestilene.
- **Console:**
    - 15" touch screen TFT.
    - Adjusting the height of the top labeller from the console.

COMMUNICATION TO PC

- **Ethernet TCP/IP.**
- **2 RS-232.**
- **4 USB (3.0).**

PC SOFTWARE

- **Direct connection to the equipment from any device with access to the same network as the LS-5000 through the Google Chrome browser.**
- **Data export to Excel or CSV.**

POWER SUPPLY & COMPRESSED AIR

- **Electrical: 230 V and 50 Hz; 115 V and 60 Hz.**
- **Air: max. 150 l/min (at 6-8 bar).**

POSSIBLE INTEGRATION WITH OTHER EQUIPMENT

- **Dibal LP-5000 manual weigh-price labeller.**
- **Dibal GS-5000 batch collector (+LP-5000).**
- **Dibal MD-5000 metal detectors.**