AUTOMATIC WEIGH-PRICE
LABELLER

LS-5000

WEIGHING
DYNAMIC OR
STATIC

4" PRINTER
300 mm/s

**MULTIPLE
POSITION
LABELLING**

8,000 PLUs
MEMORY

ETHERNET

M
**METROLOGICAL
VERIFICATION**
OPTIONAL (EU)

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.
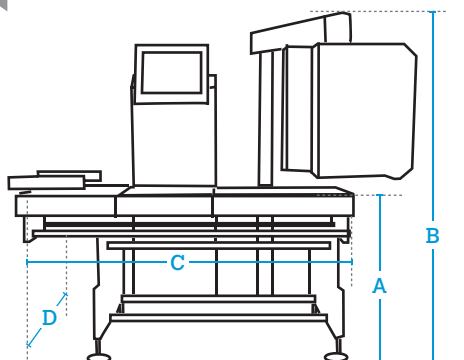• Data export to Excel or CSV.

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.

DIMENSIONS

DATA IN mm

A	750 - 850 ((adjustable height)
B	1.550 - 1850 (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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