



Alpha 100 – Improved Power, Durability, and Ease of Use

The Alpha 100 plus is a label dispenser for industrial use. Compact dimensions and low installation depth facilitate, among others, integration into production lines or packaging machines. It can be used in any position and is optionally available as a right or left version (operating side). Extremely rugged components and a mechanical system that is robust in every respect ensure continuous operational availability and low maintenance.

Equipped with dispensing tongue in the standard version, the Alpha 100 is ideally suited for the automatic application of labels on the fly. It processes inside and outside wound labels, accepts roll diameters up to 300 or, optionally, 400 mm and is available in different working widths – from 100 mm.

The digital control system has been further developed, providing comprehensive functions (see overleaf). The Alpha 100 meets the highest standards in the field of professional applications.

The new digital control system ensures ease of operation at the highest level.

The intelligent program includes, among others, auto-calibration of labels and programmable key assignment (hot key), allowing operators to quickly access the desired input menu.

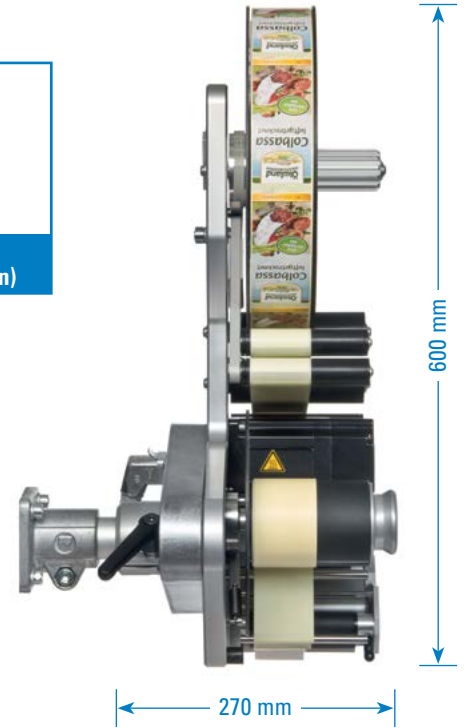
20 memory locations allow for product changes with short set-up times. A contemporary industrial design, equipped with functional interfaces, will leave nothing to be desired. They guarantee professional machine integration and visualization.



ALPHA 100



Sensor system for roll end (option)



Specifications

Dispensing system

- Stepper motor drive
- Steplessly variable > 0-100 m/minute
- Output of up to 1000 labels per minute
- Shut-off accuracy < 0.15 mm
- Optical label scanning
- In right or left version (operating side)

Controller

- 16-bit micro-controller, fully digital
- Membrane keyboard with display
- Auto-calibration for labels
- Hot Key button, programmable
- 20 memory locations for application-specific settings, including speed, position, start delay, interlock, label counter
- Configurable error handling
- Password protection

Labels

- Adhesive label rolls
- Label width adjustable *
- Label length variable, from 5 mm
- Roll outside dia. up to 300 / 400 mm or up to 500 mm with external preunwinding

Interfaces

- External start (PNP)
- Stop light barrier (PNP)
- Incremental encoder
- Sensor system (belt rupture and roll end control)
- Signal column
- PLC and RS-232/CAN bus

Power requirements

- Betriebsspannung 115 / 230 V
- Frequenz 50 - 60 Hz
- Leistungsaufnahme 350 VA

Dimensions and Weights

- (W x D x H) 500 x 270 x 600 mm *
- Weight machine from 18 kg *
- Weight control 6.5 kg

Ambient Conditions

- Operating temperature 5 - 50° C
- Relative humidity 0 - 95 % non-condensing
- Noise < 70 dB(A)

Options

- Protection class IP 54 for control
- Belt rupture and roll end control, Signal Column
- InLine printing units (e.g., ink jet)
- Micro-switch for transparent labels
- Application modules (Blowing module/stamp applicator)
- Incremental encoder
- Floor stands, spindle-adjustable
- Transport and label bands

Your system partner:

**) Depending on model, up to 100 – 150 – 200 – 250 mm.
Technical changes reserved.*

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