



DATA SHEET
LABEL PRINTER AND
APPLICATOR

LEGI-AIR 5300

Weber[®]
LABELING & CODING SOLUTIONS

LEGI-AIR 5300

LEGI-AIR 5300, the modular label printing and application system from Weber, stands for extreme versatility with high operator convenience and long operating time. It offers flexibility, quality and effectiveness for all labeling tasks.

Operator convenience

This is given by numerous functions, such as the service interval indicator and operating status display, both of which report the forthcoming service date and any malfunction, for example due to the exhaustion of consumables, among other options via signal or by e-mail to a pre-determined e-mail address. The multi-language, plain text display can be positioned as desired and is thus always easily accessible to the operator, even in cramped production conditions. The built-in web browser offers the option to view the current service status, including by remote diagnosis.

Flexibility

A range of labeling options is available for the widest variety of tasks, for example linear, rotating and corner applicators as well

as applicators for two-sided labeling. As far as the printing of labels is concerned, there is a choice of tried and tested industrial print modules from several manufacturers – RFID print modules for programming radio chips are also available in this context.

High quality

Labels are printed in very high resolution in a single operation. Due to its robust, durable design, LEGI-AIR 5300 is also suitable for installation in harsh production environments.

Versatility

Selection can be made from a variety of operating modes – including the label air blast process (Tamp-Blow, Blow-Box) for contactless high-speed labeling.



Technical specifications:

Printing technology

Thermal transfer or direct thermal

Print resolution

- 8 dots/mm (203 dpi)
- 12 dots/mm (300 dpi)
- 24 dots/mm (600 dpi)

Print speed

Up to 400 mm per second

Tamp sizes (mm)

Tamp-Blow standard of 12.5 x 7 to 180 x 300 mm, label lengths must be limited in accordance with label quality, longer or smaller labels are possible using special tamps

Label gap

Minimum 3 mm

Label roll

350 mm diameter, up to 600 running meters, core 76 mm (3"), outside winding (optional inside winding)

Data interfaces

All current interfaces
(see print modules leaflet for details)

Service intervals

According to interval indicator

Positional accuracy of applied labels

Up to +/- 0.8 mm on stopped product (dependent on distance of application, type of applicator and label type)

Print applicator activation

Light barrier, inductive or capacitive sensor, microswitch, SPS output

Alarm equipment

Standard: error reporting on text display, volt free contacts
optional: 3-colour alarm lamp

Display controller

- Multi-language operator interface
- Storage for print jobs and label layouts
- Web interface for remote diagnosis
- Service interval indicator

Application speed

Dependent on label size and type of applicator
Tamp-Blow: up to 150 labels/min.
Blow: up to 240 labels/min

Compressed air consumption

0.3 to 3 l per application cycle, dependent on label size, applicator type and setting

Compressed air connection

6 bar, the compressed air must be clean, dry and oil-free

Dimensions (L x W x H)

770 x 715 x 695 cm

Weight

Approx. 80 kg, depending on model

Electrical connection

115V AC, 60 HZ
220V AC, 50 HZ
5 amps

Ambient conditions

Temperature: 10°C to 35°C, 15 - 85% relative humidity, non-condensing (see separate leaflet on print modules). Subject to change without notice.

Accreditation

CE-mark

All technical specifications are dependent on the print modules used (see separate leaflet on print modules). Subject to change without notice.

Choice of options:

- 90° rotating tamp
- Corner wrap labeling
- 1-sided pallet labeling with extra long stroke
- Fast two-sided carton labeling
- Linear applicator with up to 1200 mm stroke
- Short stroke high-speed linear applicator
- Vacuum belt applicator
- RFID labeling
- Quick-Change
- Spring loaded tamp (Gimbal)
- 3-colour alarm lamp
- Protective housing for use in particularly harsh ambient conditions
- IPC in protective housing
- Legitronic® label printing software

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