



Legi-Air 4050 E

Due to the use of an electronic vacuum- and pressure measurement in connection with Festo pneumatics, Legi-Air 4050 E provides an even better precision and higher speed in label application.

However, the new Legi-Air 4050 E provides considerably more benefits.

Universally applicable

Due to its compact system basis in a modular construction, the Legi-Air 4050 E is extendable for the most different applications, e. g. by special tamp pads, barcode control units for RFID labelling, and many more.

Flexible and efficient

All requested labelling positions are possible. Tamp-blow and blow-box operations allow high-speed labelling applica-

tions as well. Controlling and networking of the labelling systems are done by the Legitronic Labelling software, if required. This will increase process times as well as production safety.

Easy handling

A display controller with a large text display allows an easy handling. Selective user information on the machine status will be displayed as plain text messages. Stored memories for label- and product specific parameters can be accessed again quickly. The display controller can be removed. Thus, in case of complicated installation positions of the print & apply systems, data can be entered externally as well.

A motor-driven winder provides a fast and straight-lined running label web and guarantees an exact label printing.

Cost-saving

The transfer of system parameters is possible via USB. System- and maintenance information ensure a quick and easy diagnosis.

The Bluhm-Weber Group provides know-how from one hand

- competent and detailed system advice,
- Label printers and applicators,
- software for label design,
- qualified hotline service,
- customer-specific special solutions,
- system-compatible special solutions,
- own label production,
- alternative direct coding systems (inkjet and laser technology),
- RFID systems.



Specifications

Printing technology

Thermal-transfer printing or thermal-direct printing

Resolution

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



Display controller with user information, selectable in four Central-European languages (D, GB, F, I).

Printing speed

Up to 400 mm per second

Tamp pad dimensions

Tamp blow standard from 12,5 x 7 up to 160 x 300 mm, depending on label quality the label lengths are to be limited, longer or smaller labels can be used with special tamp pads

Label gap

Minimal 3 mm

Label roll

300 mm diameter up to 450 running meters
Core 76 mm (3"), outside winding (optional inside winding)

Data interfaces

All common interfaces (details in brochure print modules)

Maintenance rates

According to rate indication

Positioning accuracy of applied labels

Up to $\pm 0,8$ mm with stationery product (depending on apply distance, type of applicator and label size)

Print & apply activation

Reflex sensor, photocell, inductive or capacitive sensor, Micro switch, PLC output

Alarm system

Standard: Error message in text display, Optional: 3-colour alarm lamp, PLC signal interface

Capacity

Up to 120 labels per minute, capacity depends on label size, text change and stroke

Compressed air consumption

0,3 to 3 l per apply process, depending on label size, type of applicator and set-up

Compressed air connection

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

Dimensions (l x w x h)

770 x 560 x 580 mm, applies to system with 250 stroke

Weight

Min. 75 kg (depending on version)

Power supply

90 to 263 VAC, 50/60 Hz, 5 Amperes

Environmental conditions

Temperature range: 10°C to 35°C, 15 to 85 % rel. humidity, non-condensing

Subject to technical changes.

Options

- 90° rotating tamp pad,
- Crosswise labelling,
- Labelling on both sides,
- One-side pallet labelling with extra long stroke
- Fast cardboard labelling on two sides
- Linear applicator up to 1.200 mm stroke
- Short stroke high speed linear applicators,
- Suction belt applicator,
- RFID labelling,
- Quick change,
- Elastically supported Gimbal tamp pad,
- 3 colour alarm lamp,
- Protection cabinet for the use in particularly rough environments
- IPC inside the cabinet,
- Label print software Legitronic,
- DSS manager.

Permission

CE-mark

All technical specifications depend on the used print modules (see separate brochure print modules).

