



## Legi-Air 4050

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

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

### Universally applicable

The platform of the LA 4050 is based on a modular system and allows the use of different print modules as well as the use of different applicators such as tamp pad sizes, extra long strokes or 90° and 180° swing tamps.

### Flexible and efficient

All requested labelling positions are possible. Highspeed labelling applications are possible 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 quickly and easily.

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 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 standard tamp pad has a quick-change system. Changeover times to other label sizes are considerably reduced.

### 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

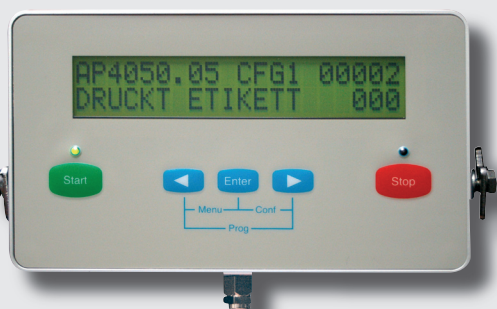
Thermal-transfer printing or thermal-direct printing

## Resolution

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

## Printing speed

Up to 400 mm per second



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

## Label size

Minimal 19 x 19 mm  
Maximum 120 x 160 mm  
160 x 120 mm  
(other sizes on request)

## 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)

## Control interfaces

Potential-free outputs (relays),  
Optocoupler inputs

## Capacity

Up to 40 labels per minute  
Capacity depends on label size, text  
change and stroke

## Applicators

Standard: linear stroke (usable)  
203 mm and quick changeover tamp pad  
Options:  
Linear stroke (usable) 453 mm,  
90° and 180° rotating applicator

## Compressed air consumption

About 2 l per apply process at 6 bar  
(for most applications)

## Compressed air connection

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

## Dimensions (l x h x w)

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

## Weight

About 60 kg  
(depending on version)

## Power supply

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

## Environmental conditions

Temperature range: 5 °C to 40 °C,  
10 to 95 % rel. humidity, non-condensing

## Maintenance rates

According to rate indication

Subject to technical changes.

## Options

- Product sensor,
- Variable stroke sensing,
- Extended stroke cylinder,
- Cabinet protecting against dust and splash water (optional with heating),
- Stand in different versions (stationery, handle-variable, mobile),
- Alarm lamp,
- Low label warning

## Permission

CE-mark

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

