

Continuous Pallet Labelling Round the Clock

A Tireless Continuous Labeller

The Legi-Air 4050 E2A is the new pallet labeller in our popular 4050 E series. It is ideal for labelling pallets on both sides, whether continuously or on stopped pallets. Thanks to its robust applicator design, it's a maintenance-free system for non-stop labelling.

Speed

Using our patented application technique, the Legi-Air 4050 E2A label just never stops, reaching speeds of up to 420 pallets per hour –labelling continuously and on two sides. That's an impressive seven pallets per minute. Maximum permissible conveyor-belt speed is 18 metres per minute.

New Tamp Design

The brand-new tamp on the Legi-Air 4050 E2A is perfect for pallet labels sized DIN A6 to DIN A5. It has two protected sensors as well as narrow rolls mounted on the side. The rolls keep the tamp from getting caught on anything, for instance foil-wrapped pallets, as the tamp gently rolls off when touching the product.

Generous Colour Screen

Via a multicolour 7" LCD touch screen, operators control, configure and monitor the pallet labeller, selecting, starting, or stopping print jobs. On top of that, they can set the labelling position on the pallet (front, side, back) and get information about labeller productivity.



Legi-Air 4050 E2A

Electric Winding and Unwinding

Separate electric drives power the label-roll winder and unwinder, reducing the printing module's workload and maintenance needs. Printing modules from all main brands can be integrated and easily replaced. Depending on the chosen printing module, the labeller prints at a resolution of 200 to 600 dpi.

Dual-Source Compressed Air

The Legi-Air 4050 E2A has two independent compressed-air cycles. The separate vacuum at the tamp reliably holds the label in place, even if the compressed-air flow to the cylinders is interrupted.

Optional features

The standard version of the Legi-Air 4050 E2A comes without a casing. You can add a cabinet with or without doors. Other options are air-conditioning for the cabinet or an automatic Performance Level D safety system.

Label Printer Applicator

Legi-Air 4050 E2A

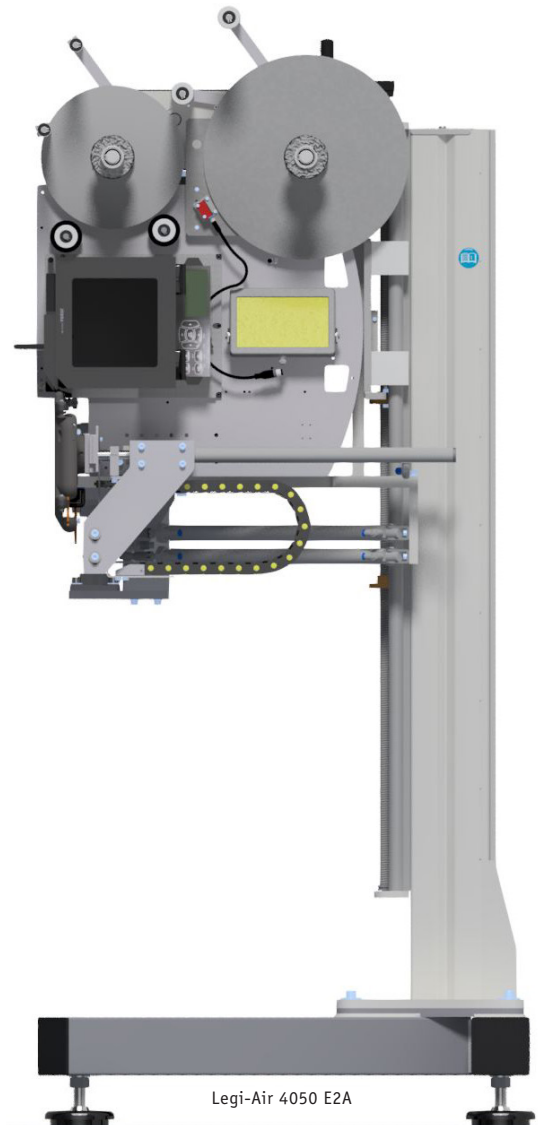


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systeme

Performance data	Legi-Air 4050 E2A
Printing technology	Thermal transfer or thermal direct
Printing resolution	203 dpi, 300 dpi, 600 dpi
Maximum printing speed	Up to 400 mm per second
Label size	Standard: GSI-recommended sizes DIN A5 (150 x 210 mm), DIN A6 (100 x 150 mm), other sizes optionally available
Label clearance	3 mm min.
Label roll	350 mm diameter, up to 600 running metres, external spool, optional: internal, end of roll alarm, diameter of label-roll core 76 mm (3")
Control interfaces	Potential-free relay outputs, optocoupler inputs, M12 connector for photocells and alarm lights
Dispensing speed	Up to 420 pallets per hour
Dispensing precision	± 2 mm on a stopped pallet
Labelling speed	Without a stopped pallet, min. of 18 m per minute on front and side, max. of 15 per minute on side and back
Labelling activation	Standard: two light barriers for self-monitoring, optional third light barrier for batch printing activation Alternatively: potential-free contacts (PLC)
Alarm set-up, standard	Error reports on a 7" LCD touch screen, potential-free contacts (PLC), three-colour alarm display
Options	RFID labelling, IPC in protective housing, Legitronic® label-printing software, Bluhmware for controlling and networking systems, label-presence control, scanner (1-D/2-D), vision systems, sensors, RFID gates, product sensors, different types of stands (fixed, spindle height adjustment, seamless height adjustment)
Protective housing (dust)	Control and pneumatics
Multilingual display menu	EN, DE, FR, NL, NO, SE, RU, PL, ES, TR, PT, IT, CZ, HR Optionally: AZ, FI, HU, LV
Diagnostics feature	Via display and USB/Ethernet software
Service notification	Display notification, potential-free contact
Protective fencing	Required
Label size	50 x 50 mm min. to 160 x 300 mm max., opt. 173 x 300 mm
Tamp size	150 x 210 mm min. to 160 x 300 mm max., opt. 180 x 300 mm
Applicator	Up to 496 mm
Front-installed applicator	Up to 525 mm length of swivel arm

Technical specifications	Legi-Air 4050 E2A
Electrical	91 to 263 VAC / 50 to 60 Hz, 5 amps
Weight	Starting at 80 kg (dep. on type)
Connector compressed air	6 bar (clean, dry, oil-free in acc. with DIN ISO 8573-1)
Consumption compressed air	1 to 3 l per pallet label, depending on label size and settings
Temperature	2 to 35 °C
Relative humidity	15 to 95 %, non-condensing
Dimensions (H x W x D)	584 x 765 x 709 mm
Printing module	Flexible printing-modules, e.g., Datamax, Sato, Zebra, Avery, CAB
Certification	CE-certified, declaration of incorporation, GSI-standard labelling



Subject to technical changes at any time

Weber Marking Systems GmbH

Headquarters: Maarweg 33· 53619 Rheinbreitbach, Germany
 Telephone: +49 (0)2224/ 7708-0 Fax: +49 (0)2224-7708-20
 info@weber-marking.com www.weber-marking.com