

Printer dispensing systems

# Marking with labels

Versatile, fast, economical





Industry: Wood processing industry  
Application: Product marking

Industry: Pharmaceuticals  
Application: Labelling of medical packaging

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Industry: Laboratory equipment  
Application: Labelling of samples

Industry: Foodstuffs  
Application: Labelling of pasta

# The ideal solution for every industry

Container labelling, carton labelling, pallet labelling, special labelling – the demands are increasingly varied. EU 178, EU 135, label standardization to GS1 specification – these are some of the many regulatory requirements. Product traceability, quality assurance, “tracking and tracing” in logistics or individual product marking for just-in-time production: The application of variable label data to match the current product is essential to modern

production. This is true for the foodstuffs industry, for logistics, metal and wood processing, pharmaceuticals, chemistry and many other sectors. Weber Marking Systems is at home in many markets and has successfully developed and implemented solutions to marking for many well-known companies. We have acquired enormous product and industry experience from which you too can benefit.



Industry: Chemical industry  
Application: Marking of hazardous substances



Industry: Metal working  
Application: Labelling of steel



Industry: Beverages  
Application: Labelling of containers



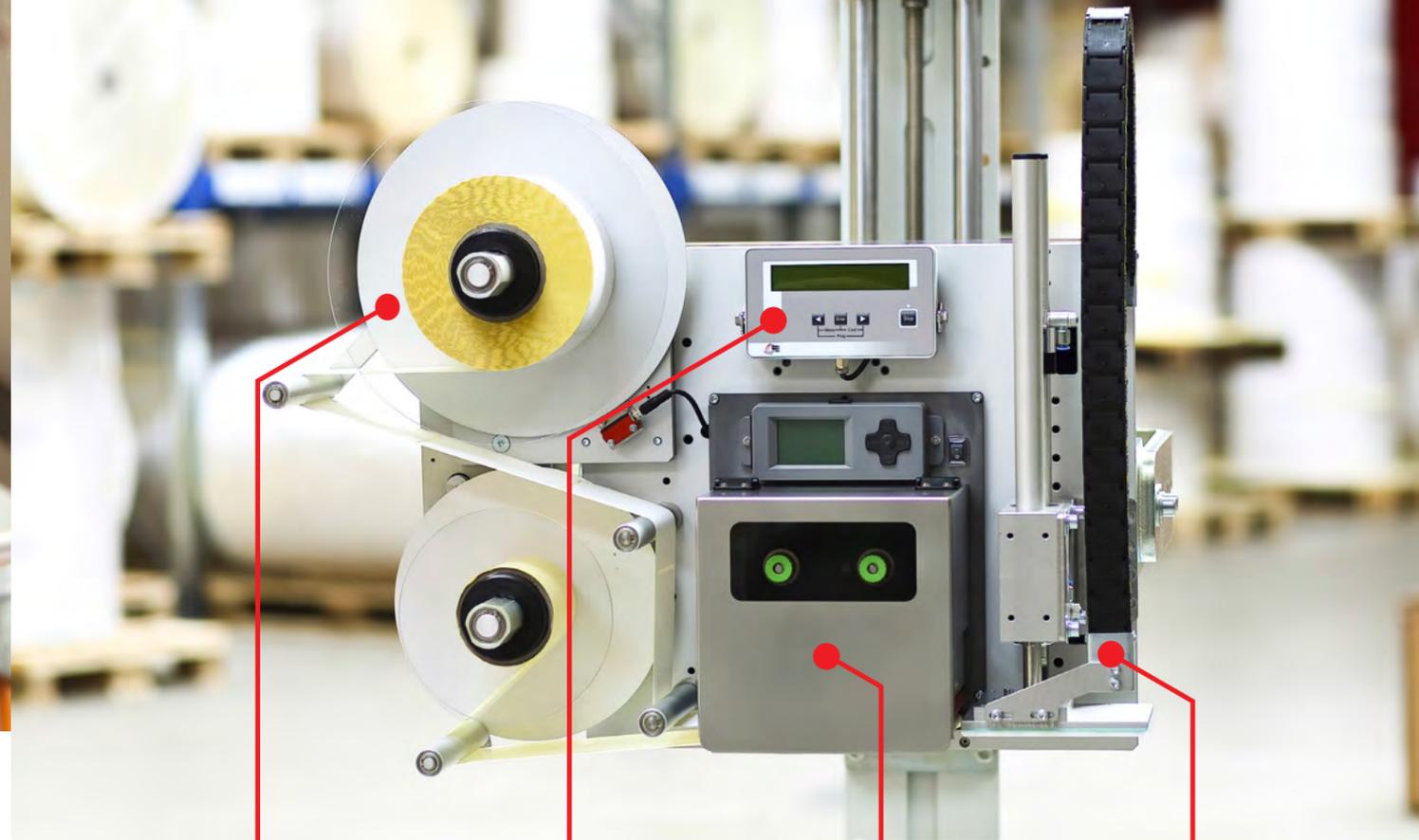
Industry: Logistics  
Application: Carton labelling



Industry: Trade  
Application: Pallet labelling to GS1 standard



Industry: Automotive  
Application: Tire labelling



## Modular concept maximizes flexibility

### Legi-Air – multiple applications and future proof

The modular design of our systems is a core consideration in our development of label printers and dispensers. Using the modular system comprising a print module, label winder and unwinder, controller and a wide range of label applicators, virtually all demands for labelling may be satisfied.

Weber Marking Systems's modular concept for Legi-Air label printing and dispensing systems offers up to 1 500 combinations, thereby enabling individual application of the systems in existing production lines.

### Dispensing head

Fast-change dispensing heads allow label sizes ranging from small labels up to DIN A5 EAN128 shipping labels to be processed. The quick-change option allows you to change the format in a matter of seconds. Spring-loaded dispensing heads adapt to uneven surfaces on the product, ensuring that the labels are perfectly applied, everytime

### Print modules

The print modules allow the application and its specific printing requirements to be optimally satisfied. Communication ability (interfaces and protocols),

print resolution, full width printing, maximum processing speed and available barcode types may therefore be optimally coordinated.

The printing modules of all leading manufacturers, such as Zebra, Sato, Avery and Datamax, may be utilized without a problem. This guarantees maximum adaptability, also to future demands, as well as flexibility in the choice of printing and communication technology.

### Label winder and unwinder

The use of large spools for winders and unwinders minimizes setting up times and therefore interruption of production runs.

Label rolls on spool diameters up to 430 mm and with 900 m of label liner ensure long continuous production periods. Tandem operation will ensure continuous production.

### Controller

Industrial PCs and master controllers in combination with the BluhmWare application software offer maximum flexibility for interfacing with existing equipment. Hardware periphery is seamlessly integrated via conventional standards such as Ethernet, Profibus, serial and parallel data connections and USB ports. Scanners, cameras and special sensors guarantee labelling reliability.

### Label winder and unwinder



Motor driven large spool unwinder



Standard winder and unwinder

### Controller



Master controller



Standard controller



Industry PC

### Printing modules



Datamax



CAB



Zebra



Sato



Avery

### Tamp



90° swivel



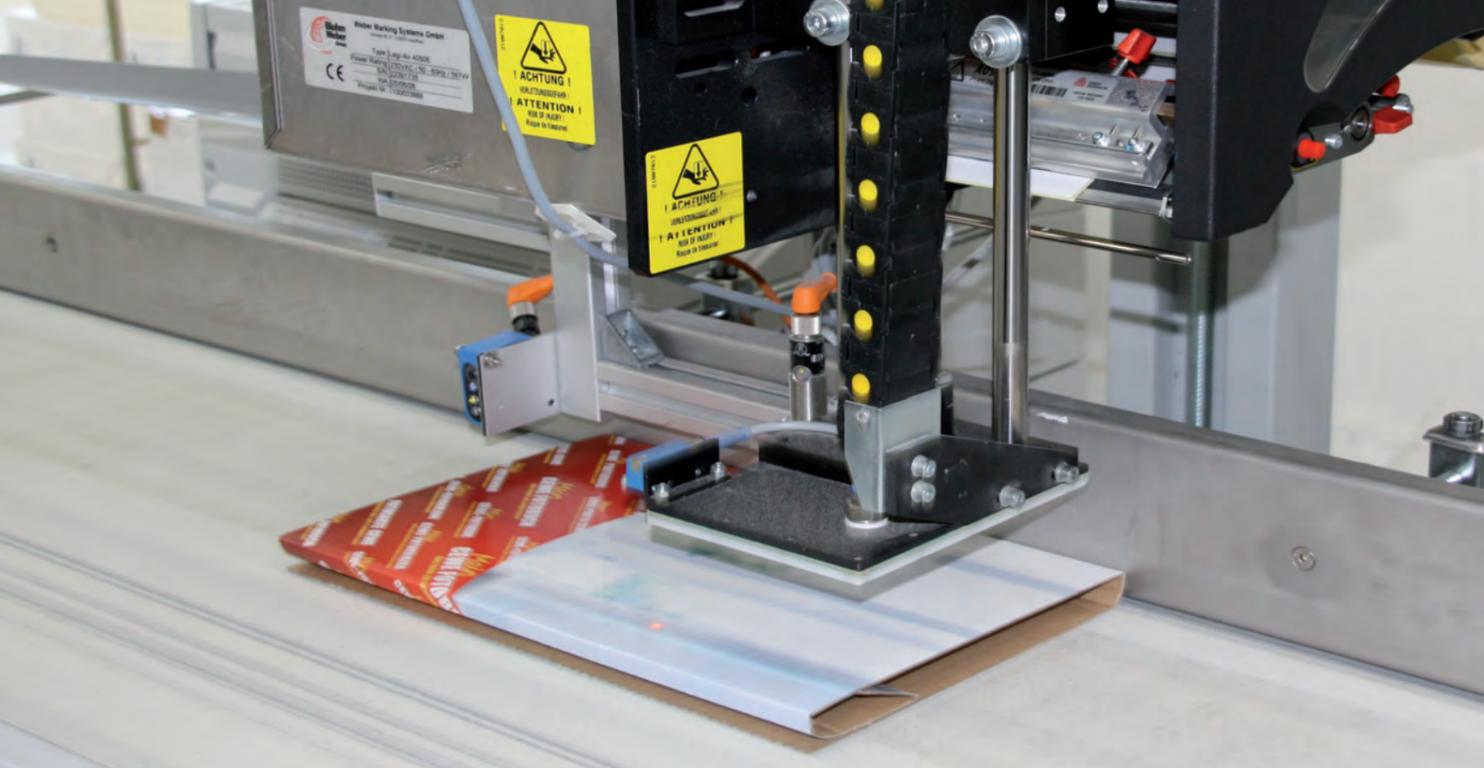
Blow-Box



Standard



Extra high lift



## Customised systems

### Solutions tailored to meet your specific demands

Weber's flexible print dispensing systems are designed for simple integration into existing production lines. A wide variety of applications are realized reliably and at high dispensing speeds. Further hallmarks are simple operation, service-friendliness and compact design. Setting up times are reduced to a minimum because all consumables are fast and easy to replace.

In special cases, the demands are thoroughly analyzed, together with the Development and Construction Department. Over and above the standard solutions, Weber Marking Systems can also offer specially manufactured solutions to labelling. Roughly 5 000 labelling systems are successfully installed annually.

### Enclosure to protect from extreme environments

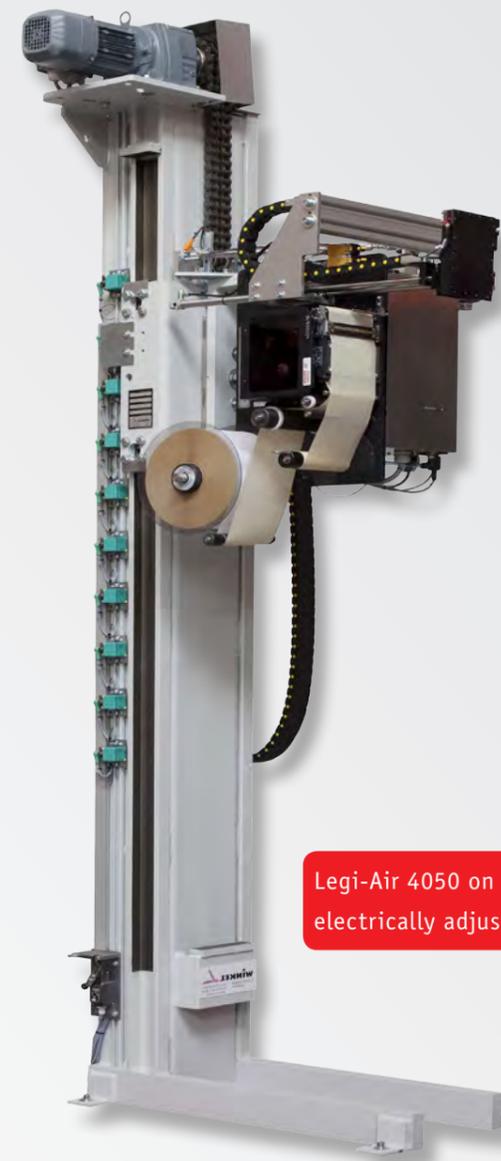
Temperature controlled enclosures optimally protect the equipment from temperatures below or above system specifications. Enclosures with special seals also offer protection in rough production environments with high concentrations of dirt and dust.

### Precision labelling

Optional precision guides can offer tolerances of  $\pm 0.5$  mm. This allows fast, reliable and accurate labelling of e.g. window profiles and printed circuit boards.

### RFID – Radio Frequency Identification

RFID technology may be used to optimize logistics systems. An RFID printing module integrated with the label print dispensing systems supports all existing RFID standards. Faulty RFID labels will be ejected by a Bad Tag Reject Arm. Weber Marking Systems, as a member of the RFID/EPC implementation network of the GS1 Germany, is actively participating in the development of RFID application standards.



Legi-Air 4050 on post for electrically adjustable height



Legi-Air 4050 with enclosure for dust protection



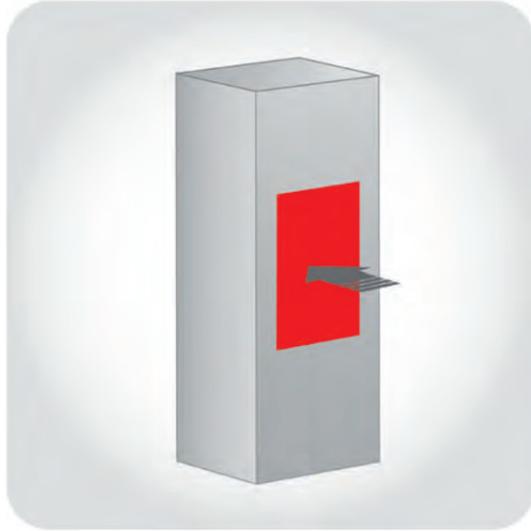
Pallet labeller in protective enclosure with built-in heating system



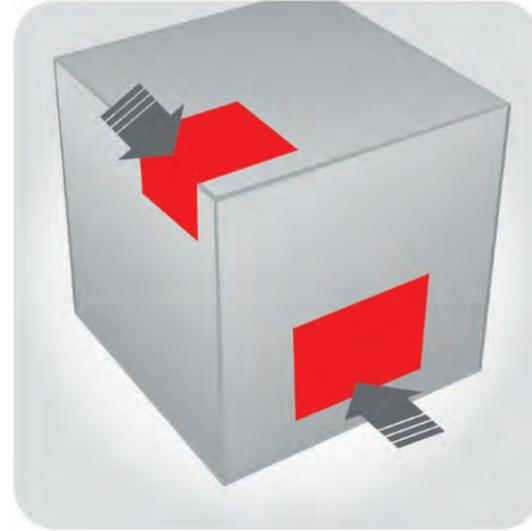
Legi-Air 4050 with conveyor and post for spindle adjustment

# Versatile labelling options

Side labelling



Labelling on all sides of the product



Labelling from the bottom



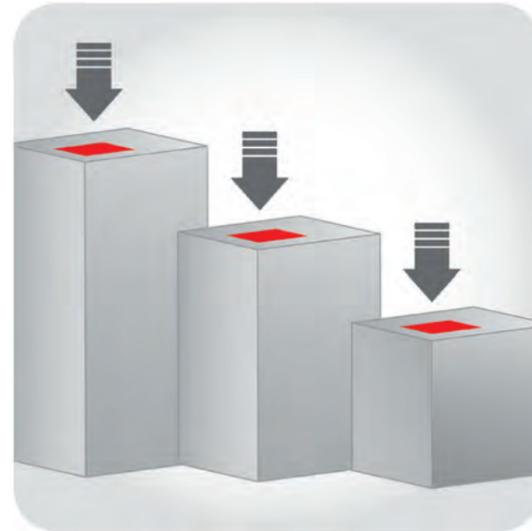
Maximum labelling clock speed



Freely selectable heights



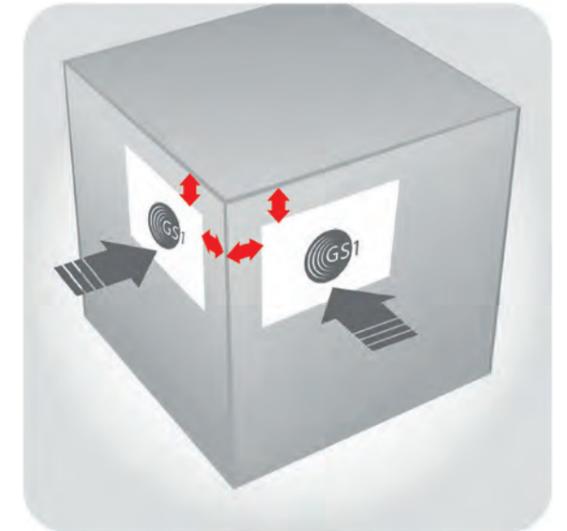
Different product heights



Many label formats



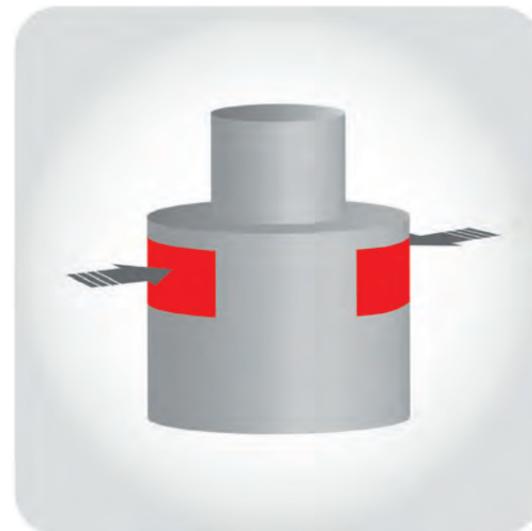
EAN 128 Pallet labels



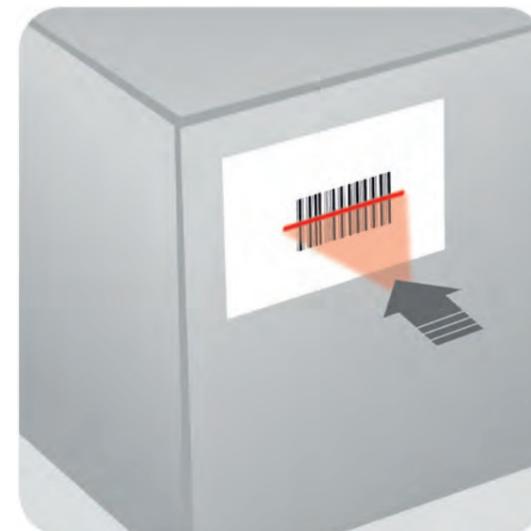
Critical surfaces



Cylindrical products



Label reliability



Precision labelling





## Quality “Made in Germany”

### Powerful and versatile

Because they are so extremely powerful and versatile, Legi-Air print dispensing systems have proven their reliability many times over in a diversity of industries.

Premium label print quality and legibility, combined with fast and accurate application, is guaranteed. The robust construction of the label print dispenser and the use of industry-proven standard components guarantee reliable and lasting operation even in rough production environments.

### Simple to service

The many functions such as service intervals or operating mode display are all user-friendly. These functions may report that a service is due via a signal or by e-mail to a specified e-mail address, or report malfunctions caused by running out of consumables.

The plain text multi-language display may be freely positioned to be accessible to the operator, even in confined production spaces. The installed web browser also allows inspection of the current service status via remote diagnostics.



## Labels Production

### Manufactured customized for you

Billions of self-adhesive labels are used as data or advertising carriers in production, logistics and commerce. They serve to track or trace goods, optimize production flow or to provide the consumer with important information on a product. The requirements for the label change as the product changes. Whether a label serves as a routing barcode on a postal item or whether it is applied for identification of vehicle components, where it should remain in position and legible for the next 10 years, all of this makes a difference.

Whether blank labels for post-printing, labels with product information, brand labels with sophisticated graphic designs or RFID-capable labels: Weber Marking Systems offers a wide range of labels for any application. Our central materials store and the comprehensive range of punch and print cylinders will considerably reduce costs and effort. More than 100 different label materials are constantly in stock. Your best prospects of completing even your most pressing jobs in good time.

## Thermal transfer ribbons



We offer you a wide selection of thermal transfer ribbons to ensure perfect printing of your labels and optimal durability. From the standard wax-based ribbon for paper labels via the wax-/resin-based premium ribbon for smudge-resistant Chromolux labels up to resin-based super premium ribbon for smudge-, scratch- and oil-resistant PE labels or nameplates.

We will gladly help you test special qualities for your special applications. Please always bear in mind that using the correct ribbon will also extend the service life of your printers printhead.

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