Weber®
LABELING & CODING SOLUTIONS

Labelling and Direct Printing

Labelling

RFID

Direct Coding

Labels, Foils, Inks

Software Bluhmware

Services and Support

- Modular design

- Wide variety of labelling surfaces and product sizes

- Multi Orientation Application – top, side, face, underside

- Non Contact Printing and Label Application

- GS1 Pallet Labelling Solutions

- Data Interface to External EDP

Labelling

Weber Marking Systems can offer you the correct labelling solution to meet any conceivable application requirement. Solutions covering a multitude of sizes and shapes – for square, round and oval containers, on critical surfaces such as filled sack , wood, plastic, or even steel surfaces, for non contact hygienically demanding products or RFID labels.

The intelligent, modular construction, comprising a dispensing and print module, label rewinder and unwinder, plus numerous applicators, make this possible. The labels produced by these systems comply with EU marking requirements. They offer high print quality, legibility and a speed up to 240 individual labels per minute.

All of our Systems are RFID upgradable with a variety of integrated solutions available

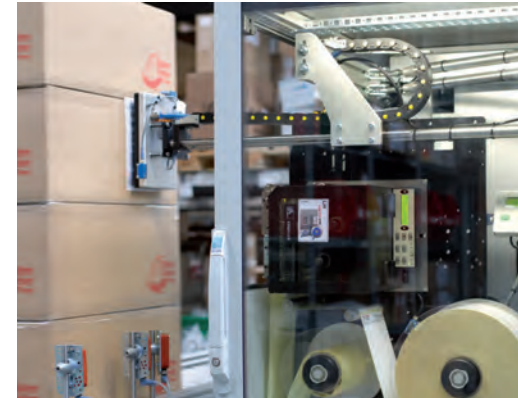### Label print and apply system

LEGI-AIR series
- for precision and container labelling in production and logistics
- label formats range from 10 x 50 mm to 180 x 500 mm
- up to 240 labels per minute
- no-contact and reliable application, also on domed surfaces
- modular design for industrial solutions
- protective enclosure to withstand extreme environments

Logistics applicator
- labelling of different carton heights, varying by up to 600 mm
- up to 60 labels per minute in fast throughput mode, or when stationary.
- fewer production interruptions, thanks to large roll rewinder and unwinder
- maximum labelling reliability through integrated barcode scanners

Pallet applicator
- printing and application labels on pallet loads
- accurate label positioning on DIN A5 or DIN A6 formats
- 2-sided, optionally 3-sided labelling
- up to 7 pallets per minute
- GS1-compliant labelling

Label dispenser

ALPhA series
- labels up to 350 mm wide
- up to 600 labels per minute
- no-contact and reliable application, also on critical surfaces
- the robust, industry-proven design guarantees maximum reliability
- various special applicators for product-specific labelling solutions

Cylindrical labelling solutions
- labelling of round, square and conical products
- booklets, jewellery labels and primary labels
- sizes from 7 x 8 mm to 300 x 1 000 mm
- the modular construction guarantees optimal configuration for any labelling application
- high labelling precision over large production runs

Bespoke labelling/coding solutions
- labelling and inkjet-coding in one operation with our combined labelling and coding products
- high speed, high quality coding solutions
- economical coding-solutions for printed labels with variable information
- additional, fast and good readable individual coding

RFID

RFID is in the process of revolutionising the world of marking.
Many Weber Marking Systems products are RFID compatible today.
A transponder – a computer chip with aerial – may, for instance, store the serial number of the product and the EPC code (electronic product code) and transmit these to a reader, without visual contact. Such no-contact product identification enables applications offering significant savings in production and logistics.

Portable slap & ship

- portable hand scanner "Scandy"
- read the barcode, create the EPC code and write to the RFID ChIP, check the Smartlabel

Mobile slap & ship

- battery-operated RFID desktop printer for mobile use on trolleys
- read the barcode, create the EPC code and write to the RFID ChIP, check the Smartlabel
- manual discarding of bad tags (bad tag reject function)

Print, code & apply

- modular design comprising dispensing module, RFID print module and label rewinder and unwinder, for versatile solutions
- read the barcode, create the EPC code and write to the RFID ChIP, check the Smartlabel
- bad tag reject function

Print, code & apply flag tag

- modular concept, comprising dispensing module, RFID print module, label rewinder and unwinder
- read the barcode, create the EPC code, write to the RFID chip and print, check Smartlabel
- flag tag dispensing head
- bad tag reject function

Desktop printer

4 categories:
- robust industrial printer in metal enclosure
- mid-range label printer in plastic/metal enclosure
- low-cost work station printer in plastic enclosure
- RFID printer

Labels, foils and inks

Labels

- in-house production using 12 printing machines with up to 8 colours
- 2 500 tools for different formats
- more than 1 000 different label types
- from simple labelling to special solutions

Foils

- 30 different qualities
- optional widths and lengths for 50 or more rolls
- supplied in standard and premium M quality and for all hIGH SPEED requirements

Inks

- all suitable ink for the respective printers
- Special inks as Food packing ink or security ink

Inkjet printers

from Weber Marking Systems, Division Markoprint, provide clear, identifiable coding on a variety of materials such as wood, carton and board. With special inks, coding is also possible on metal, aluminium, plastic and ceramic. Direct, contactless identification is applied by way of thermal inkjet coders and piezo high resolution coders. Depending on the type, print heights up to 800 mm, speeds up to 7.8 m/second and high resolutions up to 600 dpi are available. External computer connections and Windows operating systems enhance user friendliness. With the different control units of the Markoprint product line three print technologies can be controlled centrally.

Thermal inkjet printer
- No maintenance required
- Totally clean handling due to HP and LX cartridge technology
- Print heights up to 100 mm and freely designable layouts
- Coding speeds up to 468 m per minute
- Brilliant resolution up to 600 dpi
- Unique ink cartridge technology tried and tested in millions of applications
- Low running costs
- Easy integration into any production environment
- Database and network compatible
- Representation of barcodes, logos, counters, expiry dates and automatic time/date controls

Piezoelectric inkjet printer
- MX, ideal for absorbent, semi- and non absorbent surfaces
- Representation of barcodes, logos, counters, expiry dates and automatic time/date controls
- Database and network compatible
- Well designed, easy to use user interface
- Multi-head capability
- Print heights up to 800 mm

BLUHM WARE

Bluhmware Control
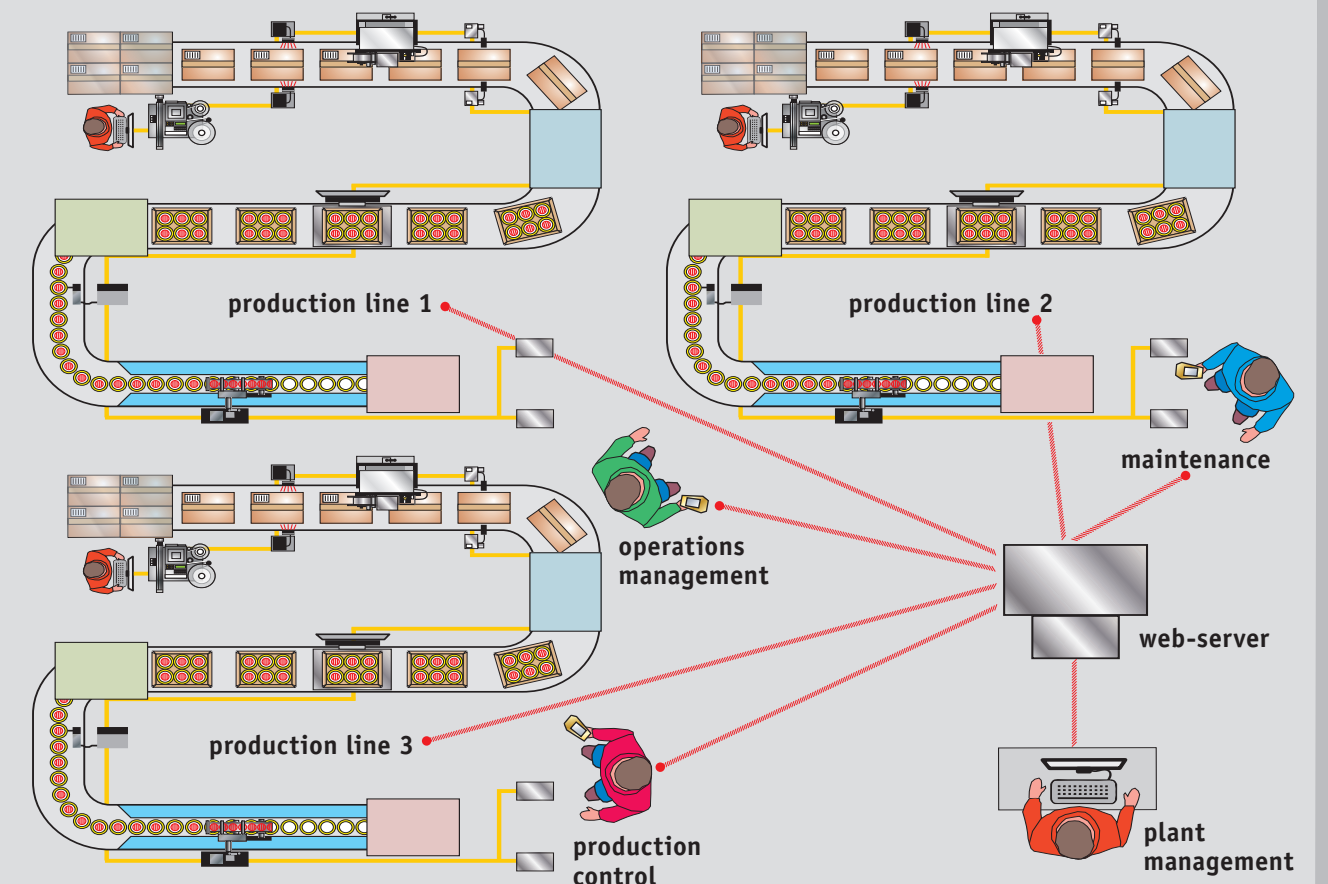### Central Process Control
Straight to the Production Line

Bluhmware Control at a glance
- Safe management of operating processes
- Time-critical communication with all necessary components
- Data preparation and dissemination in real time
- Dynamic print determination
- Visualisation for the operator
- Emergency operation functions
- Identfication, verification, and process analysis
- Serial number management e.g. NVE, MhD etc.
- Enables self-sufficient IT operation in the event of power failure
- Maintains Layout Management
- Signal (data) exchange with the customer's own technological specifications, timescales, scanners (PLC) etc.
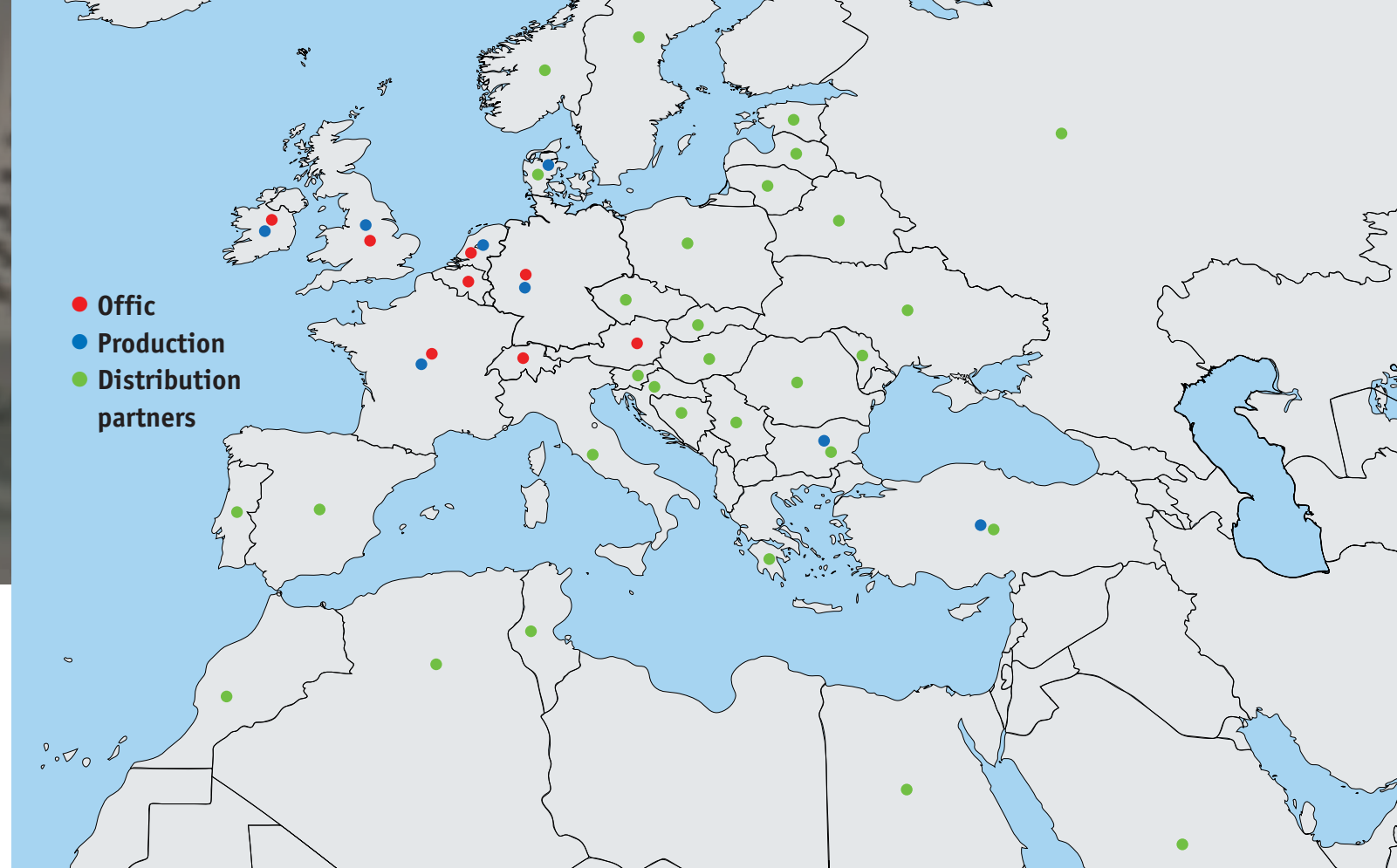
Bluhmware Cockpit
Monitoring
the Entire Production

Bluhmware Cockpit at a glance
- Graphical representation of systems and visualisation of the existing system
- Quality assurance and productivity control
- Statistics and forecasts
- Less waste through pressure control
- Faster recognition and removal of errors
- On-call technical support in the event of faults
- Live monitoring of all processes via Webcam
- Integrated print verification sensors
- Monitoring all technical data e.g. stock control of consumables, maintenance checks etc.
- Early warning system: in case of a pre-defined event by email, SMS, tablet, or smartphone
- More enhancements and applications to ERP systems

production line 1
production line 2
production line 3
operations management
production control
maintenance
web-server
plant management

- ● **Offic**
- ● **Production**
- ● **Distribution partners**

Services and support

On top of the market
With a staff contingent of more than 400, the BluhmWeber Group has a direct presence in the European market – 90 system consultants and service technicians offer customer support on a daily basis – 18 service centres, each with their own spare parts depots, ensure constant availability. We are a phone call away!

Maintenance contracts
Our maintenance contracts increase the service life and availability of your systems, preventing production downtimes.
The contract includes regular professional maintenance, ensures quick service response and offers cost advantages in terms of provision of spare parts and loan equipment.

Hotline service
We offer direct support and, if necessary, refer you to our service technicians in the shortest possible time. Possible downtimes are thus reduced to a minimum.

Training/system training
The individual training courses prepare you for optimal application of the labelling systems. All the significant aspects are explained directly on the system in question. We offer basic and advanced training courses for system operators and technical staff.

Global presence

Clearly on the road to success: The BluhmWeber Group was born with the founding of the company by Eckhard Bluhm in 1968. This Group includes several European branch offices. The Group itself emerged from a 1980 joint venture including Bluhm and Weber Systems Inc., a USA-based company with an outstanding market position in the labelling field.

Technical and market leadership were priorities from the onset – milestones of the success story include the first electronic label printers for variable marking of labels, in 1978, and the launch of own label production a year later.

The first version of the LEGITRONIC® software is introduced in 1982, the inkjet market is entered in 1983. 1987 witnesses the introduction of the first thermal and thermal transfer label printers. Since the nineties, the BluhmWeber Group has shown increasing global growth. Technical milestones include the first patented pallet applicator, the TB2A in 1996, and our entry into RFID technology in 2004.

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