

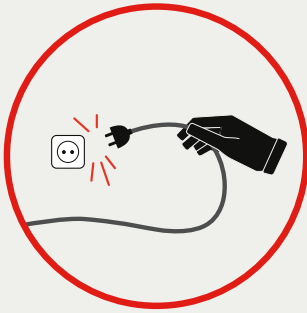
EBS | Innovation since 1977

BOLTMARK® II SERIES

EBS-6600/6900

CONTINUOUS INK-JET PRINTER





Uninterrupted power

Worldwide innovation:

for the first time in a Continuous Ink Jet Printer: a built-in automatic, intelligent system for reliable printer operation in case of power failure.

Should the power be interrupted for less than 30 seconds, the printer continues operating.

If the supply is cut off for more than 30 seconds, the printer starts the automatic shutdown procedure including rinsing, to protect the tubes from dried ink deposits. As soon as the power is restored the printer is quickly operational.

The USP power supply contains very long-lasting „Super Charger Capacitors“, not conventional accumulators. Charging lasts only around 2 minutes. The USP power supply is available optionally.



Ecological and efficient

The printer with the lowest power consumption.
An extremely low power consumption of only 19 Watts – another quality improvement in the CIJ printer segment.

Furthermore, with its net weight of only 12.5 kg, the printer is one of the lightest on the market, ideal for changing between production lines.
(Mobile printer stand available optionally).



Protection class IP55 and IP65

IP55 available as standard or IP65 (optionally available) according to EN 60529 - high protection grade of the housing against intrusion of water and dust guarantees high reliability of the printer over a long period.

Keypad, display and connectors are protected against chemicals and water spray.

Very simple-changing of consumables & iModule®

The EBS BOLTMARK II series is fitted with an integrated ink system, which can be changed in 3 simple steps in less than a minute:

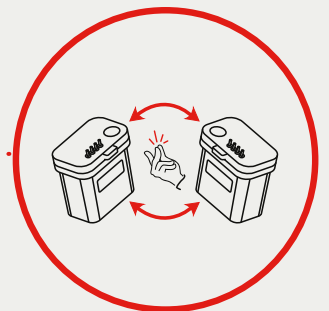
Open the flap, remove used iModule®, insert new iModule® – done!

No technician and no tools needed.

Equally, the quick change of ink and solvent bottles works in the same way.

No interruption of printing, no unscrewing of the bottle cap and no dirty fingers:

Remove the used bottle, insert the new one – click!



my.ebs.ink Printer administration



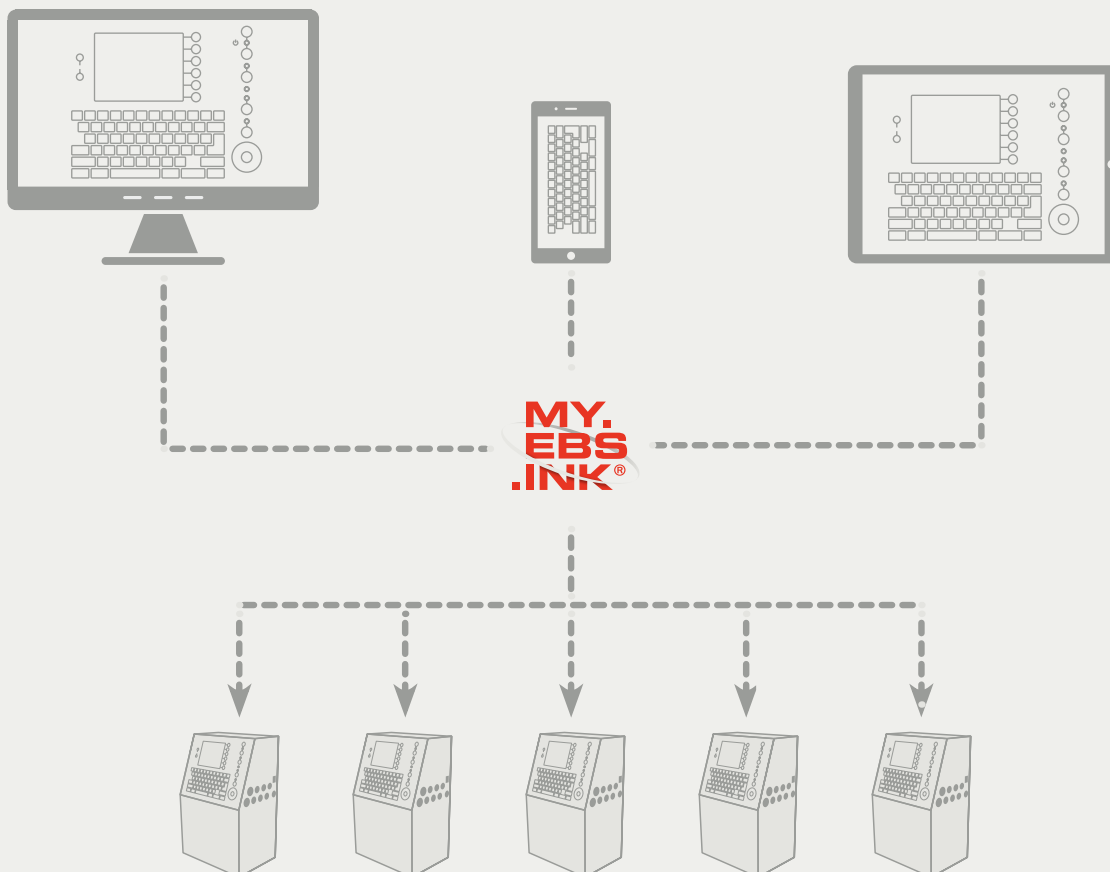
Remote control & printer administration

Get connected from anywhere in the world to your printer via an Ethernet network and operate it via Web browser. The my.ebs.ink server configuration enables 3 possibilities of operation: up to 4 printers in one network, up to 16 printers or up to 32 printers.

The System

Via the portal “my.ebs.ink” you can access the settings of the printer desktop from anywhere, manage and store printing processes, status reports and check the fluid level of consumables, as well as show error diagnoses.

The system is optionally available.



Applications ...



→ Glass



→ Composite material/Tetra Pak®



→ Foodstuffs



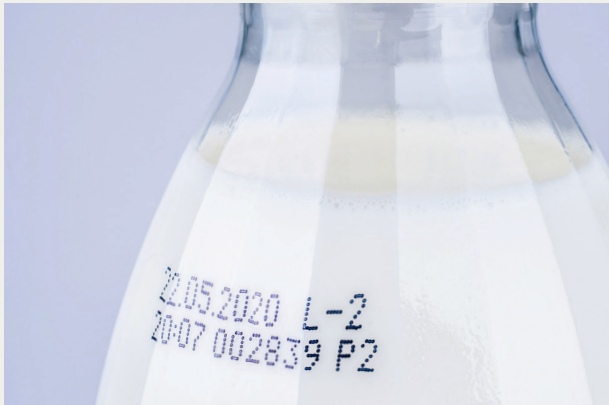
→ Aluminium



→ Foil



→ Foil



→ PET-Plastic



→ Metal



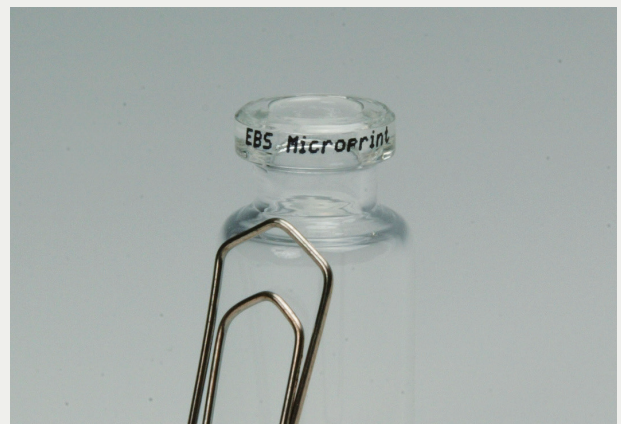
→ PP-Plastic



→ LLDPE Foil – Outer packaging



→ Tin / Can



→ Microprint on glass

Your printer – custom-built

For the BOLTMARK II Series there are a number of options at your disposal, so that your printer can be configured according to your requirements:

OPTIONS

- Angular print head 90° (available for EBS 6900)
- Print head cable 6m (available for EBS 6900)
- IP 65 Protection class (available for EBS 6900)
- Heavy-duty option print head hose for use in difficult conditions
- "Food" option for use with foodgrade inks
- Robot option for print direction change
- Various codes for date and time print
- my.ebs.ink server for remote control and operation

ACCESSORIES

- Manually operated sliding table for printing
- Pistol grip print head holder
- Shaft encoder
- Print head holder
- Photocell /sensor technology
- External alarm light for status
- Power supply UPS
- Printer stand (with/without wheels)



For every application the right ink¹.
Ethanol · Acetone · MEK

Various surfaces, various application fields, various inks:

Printing on food packaging requires e.g. a different ink compared to one used directly on foodstuffs.

On very smooth surfaces a quick-drying or strongly adhesive ink should be chosen.

For these and many such applications, we develop ink in our laboratory to meet your requirements.

Advantage:



Less smell



Universal



Food print



Safety Coding

¹ All printing on substrate is subject to the laws of chemistry and physics – and has natural limitations. If in doubt, or for special requests, contact us to see what an optimal solution could look like.

Specifications

Models

	EBS-6600	EBS-6900
16 dots - 2 lines Model „MINI“	●	-
25 dots - 3 lines Model „MIDI“	○	●
32 dots - 4-5 lines Model „MAXI“	-	○
High contrast LCD with Touch-Screen	●	●
Graphic- / Barcode capable	● / ●	● / ●
ECC 200, QR-Code (2D-Code)	○ (limited)	●
Barcode generators	●	●
National fonts (selection of)	Cyrillic, Arabic, Japanese, Chinese, Korean and many more	
Interface Ethernet & USB	●	●
Positive air for print head (dirt reduction)	●	●
Print head cable	3m	3m (6m optionally)
Print head type	straight	straight (angular print head 90° optionally)
Special channel for External data (RS232)	○	○
Print speed (up to)	500 metre/minute @ Matrix 5x5 (2083 char. / sec.)	
Print matrix (dependent on printer type)	5x5, 7x4, 7x5, 9x5, 9x7, 11x7, 12x6, 12x7, 14x9, 16x9, 16x10, 16x14, 21x15, 25x15	5x5, 7x4, 7x5, 9x5, 9x7, 11x7, 12x6, 12x7, 14x9, 16x9, 16x10, 16x14, 21x15, 25x15, 32x18
Keypad layout Arabic or Cyrillic	○	○
Message memory	100 messages	1000 messages (optionally 2000)
USB Library manager	●	●
Power supply for USP	○	○
IP Protection class	IP55	IP55 (IP65 optionally)
Power consumption	dynamic 19W	
Installation	Hanging or standing	
Weight (without fluids)	12.5 kg	

● standard

○ optional

- not available

EBS | Innovation since 1977



EBS | 42 Years of Competence and Innovation

Since 1977, EBS GmbH Germany has been a leader in industrial coding equipment. Our early development and pioneering innovations in ink-jet technology are still being used worldwide.

Today EBS has become an international producer and operates a family owned multinational business. We run branch offices and plants in Europe, USA and China and co-operate with numerous partner companies world wide.

More than 330 people develop and produce the range of EBS products in Germany and Poland. We continue to set global standards for quality, innovation, technological leadership and service.

Our high performance products can be found in more than 70 countries, with more than 200 distributors, dealers and OEM's.

We would like to welcome you as our new customer.

www.ebs-inkjet.de

Your Dealer

Subject to technical changes.

PRODUCTION & DEVELOPMENT

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