**EBS** I Innovations since 1977

# EBS PJ-1000

# Environmentally-friendly

**EFFICIENT PRINTING WITH MINERAL OIL-FREE INKS AND LOW POWER CONSUMPTION.**




EBS® Ink-Jet Systeme

# ON. YOUR. MARKS.

## Installation ready to go – printed

The compact design of the print-head and ink system enables installation of the PJ-1000 at a variety of production lines.

Once filled with ink, the printer is ready to print within seconds due to its innovative ink circulation technology. The high print speed of 150 meters per minute, with a resolution of 360 dpi horizontally makes this a neat package.

The ink system is freely positionable and the print head can be fitted sideways or from above, giving you maximum installation flexibility.

The PJ-1000 marks your products with texts, graphics and up to 24 of your own barcode variations, with print heights from 1mm to 108mm.
So, switching to the PJ-1000 from an old system is easy.

Thanks to the intuitive, user-friendly software “HiRes Edgraf”, creating or importing texts, barcodes and graphics is very comfortable.

Available in various colours, the oil-based inks are free of mineral oil.
Due to its very low power consumption, the PJ 1000 is environmentally friendly!

## What makes the PJ-1000 so special??

- High resolution up to 360dpi vertically
- Print speeds from up to 150m/min at 360 dpi
- Small print from 1mm
- High resolution graphics/logos
- Printing of grey shades
- Ventilation and operation of the ink system are simple
- Trapped air pockets in the nozzle plate are not possible
- Pigmented MOF inks (mineral oil-free)
  Ideal for printing on porous surfaces e.g. in the food industry
- Coloured inks available
- Internal ink tank
- Print height of 108mm without displacement



# Specifications.

## Technical Details

| EBS PJ-1000 Variations | Mini | Midi | Maxi |
|---|---|---|---|
| **Max. print speed at 360 dpi** | 30 m/min | 60 m/min | 150 m/min |
| **Print height** | 1 - 108 mm | | |
| **Max. text length** | 13.500 Pixel = 0,975 m at 360 dpi | | |
| **Memory** | 9 print images at print begin<br>any number at print begin via Ethernet/RS 232 or USB stick | | |
| **Text field** | ◉ | ◉ | ◉ |
| **Counter (up/down)** | | ◉ | ◉ |
| **Date/Time** | | ◉ | ◉ |
| **Date offset** | | ◉ | ◉ |
| **Activity field** | | ◉ | ◉ |
| **1D Barcodes** | | ◉ | ◉ |
| **2D Barcodes** | | | ◉ |
| **Logos** | ◉ | ◉ | ◉ |
| **Password protection** | | | ◉ |
| **USB Stick data transfer** | ◉ | ◉ | ◉ |
| **Ethernet** | ◉ | ◉ | ◉ |
| **RS-232** | ◉ | ◉ | ◉ |
| **Text design** | Via software HiRes Edgraf<br>(based on Windows© Vers. 8/10) | | |
| **Parameter input** | Via software HiRes Edgraf<br>(based on Windows© Vers. 8/10) | | |
| **Print technology** | Piezo technology | | |
| **Max. number of print heads** | 1 | | |
| **Weight** | approx. 6000 gr. (without consumables) | | |
| **Ambient temperature** | optimal between 10°C and 40°C | | |
| **Protection class** | IP 40 | | |
| **Operating period** | Continuous operation | | |

Subject to technical changes.

**EBS** | Innovations since 1977




Plant Nümbrecht - Germany

# EBS | 46 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 world wide.

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

More than 360 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 220 distributors, dealers and OEM's.

We would like to welcome you as our new customer.

**www.ebs-inkjet.com**

Your Dealer



## PRODUCTION & DEVELOPMENT

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