

## PicAS® II EBS-1600

# NEXT GENERATION

PROVEN TECHNOLOGY - MODERN DESIGN



## A New Design of EBS' Proven Technology

The EBS-1600 is the latest generation of DOD products to come off the EBS drawing board. A modern cartridge system, along with a compact design provide a highly functional, easy-to-use printer.

No external compressed air is required, and annoying ink lines and cables are a thing of the past. In less than 10 minutes, the PicAS® II is installed and ready to run production. The latest cartridge technology makes changing consumables a clean affair: no drips, no mess, no tools!

## Easy-To-Use Operating System

With the intuitive menu navigation you'll quickly find your way around the 10.1" color LCD touchscreen. Menu items can be customized,



so everything YOU need is always in view. In addition, individual profiles can be set up, allowing your personnel to be authorized for specific tasks. From switching the printer on and off, to complete control of all functions, everything can be assigned on a personnel-specific basis.

## One Printer - Multiple Configurations

Three printhead configurations allow print heights from 6 -58 mm. Narrow nozzle spacing for precise print, or larger nozzle spacing for additional print height, there are lots of possibilities!



# Specifications

## Technical data

<b>Maximum print height</b>	29 mm (1,14") - Printhead 16N/29 56 mm (2,20") - Printhead 16N/56 58 mm (2,28") - Printhead 32N/58  Adjustment of print height and vertical resolution: yes, by slanting the printhead
<b>Maximum print speed</b> (at non slanted printhead)	Up to 100 m/min (at a horizontal resolution not higher than 550 dots/m) for printheads 16N/29, 32N/58  Up to 200 m/min (at a horizontal resolution not higher than 275 dots/m) for printheads 16N/56
<b>Integrated printhead</b>	Number of Printheads: 1 Types of printheads: 16N/29, 16N/56, 32N/58 Number of degrees to slant: 5 Nozzle diameter and spacing: 150 µm/1,8 mm for printheads 7N/13, 16N/29, 32N/58 170 µm/3,6 mm for printheads 7N/24, 16N/56
<b>Ingress protection rate</b>	Control unit: IP54 Integrated printhead: IP55
<b>Working position of printhead</b>	any
<b>Operational control</b>	10.1" TFT color display with touch function
<b>Memory capacity</b>	1 GB
<b>Objects</b>	Text objects/codes: static texts, date/time, calendar, working shift code, counter, text file, communication ports, graphic objects (line, rectangle, ellipsis, picture)
<b>Fonts</b>	Font types: Matrix, TrueType possible installation of additional fonts in format: *.ttf, *.bdf, *.pcf
<b>Barcode/Matrix codes</b>	1D-Codes: GS1-Data Bar 14, GS1 Data Bar Limited, GS1 Data Bar Expanded 2D-Codes: QR-Code, Data Matrix ECC200
<b>External interface</b>	Ethernet, USB-Port
<b>Ink base</b>	Ethanol, Acetone or MEK
<b>Print timing</b>	Internal generator or external shaft encoder (optional)
<b>Cartridge content</b>	approx. 500 ml or approx. 1,000 ml
<b>Power supply</b>	100-240 V ~ 50/60 Hz
<b>Weight</b>	complete printer incl. 1,000 ml ink: approx. 7.6 kg

# Depend on the EBS Group

EBS Ink-Jet Systems has been providing leading-edge solutions for contact-free coding since 1977.

Today the EBS Group consists of four primary companies located in Germany, Poland, China, and the United States. In addition, we maintain several subventures and numerous cooperative partnerships.

We engineer, develop and produce our own systems. The EBS Group sales network consists of over 120 distributors, dealers and OEMs in more than 60 countries. All share these common goals:

- Superior quality
- Outstanding service
- High-quality products
- Fair pricing
- Total customer satisfaction



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