PicAS® II EBS-1600

NEXT GENERATION

PROVEN TECHNOLOGY - MODERN DESIGN



EBS®
Ink-Jet Systeme

Proven technology - modern design

This is how the latest generation of EBS DOD large character printers presents itself. Thanks to innovative E-Link technology in combination with a modern cartridge system, a compact design with high functionality has been created. No external compressed air is required, annoying ink lines are a thing of the past and visible cables are reduced to a minimum. In less than 10 minutes, the PicAS® II is installed and ready to print. The latest Quick-Shift cartridge technology also makes changing consumables a clean affair: no refills, no drips, no tools!



Operation becomes child‘s play

Thanks to the tidy menu navigation you‘ll quickly find your way around the 10.1“ color LCD touchscreen. The individual menu items can be arranged in such a way that required information, such as ink level or number of prints, always remains in view. In addition, individual profiles can be created via the various operating levels, allowing flexible assignment of authorizations. From switching on the printer to complete control - everything can be assigned on a person-specific basis.



One printer - countless possibilities

The right printer can be configured from 5 different print head versions. Print image heights from 6 - 58 mm, narrow nozzle spacing for a more precise print image, larger nozzle spacing for more print height, 5-line printing - everything is possible!

Specifications

Technical data

Maximum print height	13 mm (0,51“) - Printhead 7N/13 24 mm (0,94“) - Printhead 7N/24 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	
Maximum print speed (at non slanted printhead)	Up to 100 m/min (at a horizontal resolution not higher than 550 dots/m) for printheads 7N/13, 16N/29, 32N/58 Up to 200 m/min (at a horizontal resolution not higher than 275 dots/m) for printheads 7N/24, 16N/56	
Integrated printhead	Number of Printheads: Types of printheads: Number of degrees to slant: Nozzle diameter and spacing:	1 7N/13, 7N/24, 16N/29, 16N/56, 32N/58 5 150 µm/1,8 mm for printheads 7N/13, 16N/29, 32N/58 170 µm/3,6 mm for printheads 7N/24, 16N/56
Ingress protection rate	Control unit: Integrated printhead:	IP54 IP55
Working position of printhead	any	
Operational control	10.1“ TFT color display with touch function	
Memory capacity	1 GB	
Objects	Text objects/codes: static texts, date/time, calendar, working shift code, counter, text file, communication ports, grafic objects (line, rectangle, ellipsis, picture)	
Fonts	Font types: Matrix, TrueType possible installation of additional fonts in format: *.ttf, *.bdf, *.pcf	
Barcode/Matrix codes	1D-Codes: GS1-Data Bar 14, GS1 Data Bar Limited, GS1 Data Bar Expanded 2D-Codes: QR-Code, Data Matrix ECC200	
External interface	Ethernet, USB-Port	
Ink base	Ethanol, Acetone or MEK	
Print timing	Internal generator or external shaft encoder (optional)	
Cartridge content	approx. 500 ml or approx. 1,000 ml	
Power supply	100-240 V ~ 50/60 Hz	
Weight	complete printer incl. 1,000 ml ink: approx. 7.6 kg	

EBS | Innovations since 1977



Plant Nümbrecht - Germany

EBS | 46 Years of Competence and Innovation

Since 1977, EBS Ink Jet Systeme GmbH Germany has benn 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 multi-national business. We run branch offices and plants in Europe, USA and China and cooperate with numerous parnter companies worldwide.

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 mor than 70 countries, with more than 220 distributors, dealsers and OEMs.

We would like to welcome you as our new customer.

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Your Dealer



PRODUCTION & DEVELOPMENT

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Subject to technical changes.

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