



Founded in 1972, KBA-Metronic GmbH is a medium-sized company with approximately 300 employees and has been adopted a subsidiary of Koenig & Bauer AG in 2004. KBA-Metronic specializes in the development, design, production and marketing of printing, coding and marking technology.

As a total coding solutions provider, KBA-Metronic GmbH is at the fore of the very latest market developments and totally in touch with customer needs. KBA-Metronic has a consistent policy of product optimization which will secure its long-term status as a leading coding technology provider.

The KBA-Metronic marking devices are used in industries worldwide. Applications for all KBA-Metronic coding technologies including laser, ink jet, hot stamp and thermal transfer can be found in market sectors such as automobile, food processing and pharmaceuticals – all are supplied from our facilities in Veitshöchheim.



**Continuous inkJET technology from KBA-Metronic GmbH**

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Our agent:



Prod. 23.07.2009 12:19

123 Produktzahl

Info:  
 Benutzername:  
 DruckerName: Printer  
 TCP/IP: IP localhost  
 DruckerStatus: IDLE

MenState: 13.922

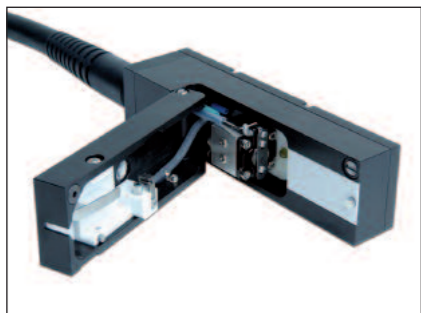


alphaJET

# alphaJET evo alphaJET tempo Inkjet printers

Continuous inkJET technology from KBA-Metronic





**Compact print head design and intelligent ink system**

- Print head installable in any position
- Minimal tubing and wiring
- Easy to clean
- Nozzle lock -> Quick start and shut down routines
- Head heater -> uniform droplet formation
- Individual components combined as modular blocks
- Solvent consumption only 2 ml/h at 20° C
- Easily removable ink system
- Print head quick-change mount



**Easy network integration and ease of maintenance**

- Interfaces and I/O standard:
- Ethernet 100 BASE-T
  - 2 x RS 232
  - 2 parallel inputs (product sensor, encoder)
  - Remote socket
  - Digital I/O port with 8 x in and 4 x out
  - Alarm relay
  - USB connection
  - integrated uninterruptible power supply (UPS)
  - No requirement for compressed air



**Simple, intuitive operation and innovative text features**

- 10.4" TFT touchscreen display (800 x 600 px) with user-friendly interface
- Resitive Touch
- Can be removed and tilted
- Solvent resistant
- Graphical interface (WYSIWYG)
- Modern design
- IP 65 rated construction
- Operating temperatures +5° to +45° C
- Free choice of print matrix
- Any matrix combination possible within one text
- Automatic date, expiry date, Julian date, continuous numbering, time, shift identification, barcodes, data matrix codes, logos, etc.
- Printing of True Type fonts



# Point by point: precise and economical

**alphaJET technology at a glance:**

alphaJET evo and alphaJET tempo are the next generation of ink jet printers based on KBA-Metronic's expertise gained from decades of inkjet design. The new alphaJETs are easy to operate, they print in high quality, at fast production speeds (speed of up to 11 m/second at standard character width 2,5 mm). Printing of True Type fonts is enabled with no loss of speed.

- with stainless steel housing, IP 65 protection class, nozzle closure, operating temperature range and compressed air connection it also works under challenging environmental conditions
- Space-saving, compact construction
- Maximum up-time, with modular construction and minimal components
- Prints consistently high quality text and images (up to 6 lines), even onto structured and uneven surfaces
- Quick start-up and shut down procedures due to automatic nozzle lock



**Technical Data / functional range**

- License:**  
Print resolution:  
Type height:  
  
Print speed:  
Print head distance:  
Barcode:  
Logo possible:  
Password protection:  
Ink types:  
Protection class:

	<b>alphaJET evo</b>			<b>alphaJET tempo</b>	
	<b>Light</b>	<b>Standard</b>	<b>Professional</b>	<b>Standard</b>	<b>Professional</b>
Print resolution:	24 dots in vertical direction	32 dots in vertical direction	48 dots in vertical direction	16 dots in vertical direction	24 dots in vertical direction
Type height:	0.8 - 15 mm, max. 4 lines (5 x 5 Matrix)	0.8 - 15 mm, max. 5 lines (5 x 5 Matrix)	0.8 - 15 mm, max. 8 lines (5 x 5 Matrix)	0.8 - 15 mm, max. 2 lines (7 x 5 Matrix)	0.8 - 15 mm, max. 4 lines (5 x 5 Matrix)
Print speed:	Up to 2800 characters/sec.	Up to 2800 characters/sec.	Up to 2800 characters/sec.	Up to 3500 characters/sec.	Up to 3500 characters/sec.
Print head distance:	1 - 25 mm	1 - 25 mm	1 - 25 mm	1 - 25 mm	1 - 25 mm
Barcode:	Barcode restricted	Barcode standard	Barcode advanced	Barcode standard	Barcode advanced
Logo possible:	yes	yes	yes	yes	yes
Password protection:	no	yes	yes	yes	yes
Ink types:	Pigmented / non pigmented	Pigmented / non pigmented	Pigmented / non pigmented	Pigmented/non pigmented	Pigmented / non pigmented
Protection class:	IP 65	IP 65	IP 65	IP 65	IP 65

**Dimensions:**

Control unit: 320 x 320 x 700 mm (LxWxH, incl. operator terminal), 31 kg;  
Print head: 40 x 40 x 145 mm (LxWxH), 2 kg, supply tube 4 m

**Ink system:**

1-litre bottles for ink, easy to change. No requirement for compressed air

**Working conditions:**

Operating temperature: +5° to +45° C, max. 90 % relative air humidity, non-condensing

**Connected loads:**

86 - 264 V ± 10 %, 50 - 60 Hz, maximum power consumption 0,5 A / 230 V or 1,0 A / 110 V

**Safety standard:**

Ink return control; automatic viscosity and ink level control; remote monitoring of printing errors; separation of the electronics and ink systems; practically zero emissions thanks to solvent recovery

**Noise level:**

< 60 dB (A)