



# Ink jet coding systems

Product range



Contactless printing with continuous ink jet is a proven method for applying variable data on the production line.

It offers users a high degree of flexibility and delivers accurate print results. To handle different production challenges, the

alphaJET range includes powerful models for more complex requirements as well as basic machines for standard applications.

#### Can be used throughout the world

You can enter foreign languages directly thanks to the international keyboard layout. In addition, you can use any TrueType font to suit your individual labelling requirement. You can also use Unicode to create a huge variety of characters and symbols.

#### Total Cost of Ownership winner

Benefit from reduced operating costs with a proven solvent recovery system.

#### Operation is child's play

Operate your alphaJET with ease using the high-resolution, full colour touch-screen and icon driven menu. Some models feature a removable display for improved ergonomics.

#### Connect and get started

Many industries already benefit from our special software suite which lets you control the printer remotely, check its status and create messages offline.

#### Simple integration

High-quality connections and intelligent interface protocols enable easy integration into your production.

#### Print 'around corners'

Get even more flexibility with the alphaJET duo system. You can code in two different locations, in double height or in two different colours. The alphaJET duo comprises two alphaJET evo print systems with one single control unit.

#### Universal application

Largest range of specialist inks on the market.

#### Fits in tight spaces

The smallest print head on the market makes it easy to integrate on your production line. In addition, you can choose between straight or angled cable connections and specify the length of conduit to suit.



Mobile cart



Sliding table



Handheld scanner



Tripod



Signal beacon (external)



Cleaning unit

#### Accessories

Supplement your alphaJET with practical accessories.



<b>alphaJET</b>	alphaJET mondo	alphaJET into	alphaJET evo	alphaJET tempo	alphaJET pico
<b>Print</b>					
Max. number of pixels (vertical)	32	32	48	24	32
Maximum number of lines	5	5	8	4	5
Print height (mm)	2 - 15	0,8 - 15	0,8 - 15	0,8 - 15	0,7 - 10
Speed					
with 2.5 mm character width	385 m/min	460 m/min	460 m/min	600 m/min	695 m/min
Max. speed	780 m/min	950 m/min	950 m/min	1.300 m/min	1.300 m/min
Nozzle size	62 µm	55 / 70 µm	55 / 70 µm	50 µm	42 µm
Inks: dye based	✓	✓	✓	✓	✓
Inks: pigmented	-	✓	✓	✓	✓
<b>Product features</b>					
IP 65 protection rating	✓	✓		✓	
Solvent recovery system	✓	✓		✓	
Heated printing head	-	✓		✓	
Automatic nozzle closure	-	✓		✓	
TFT Touchscreen	8,4"	10,4"		10,4"	
Integrated UPS	-	-		✓ <sup>1)</sup>	
Alarm beacon	✓ <sup>1)</sup>	✓ <sup>1)</sup>		✓ <sup>1)</sup>	
Digital I/O port	4/4	8/4		8/4	
Remote message selection, Text lists	-	✓		✓	
Remote socket	-	✓ <sup>1)</sup>		✓	
Metre marking	-	✓		✓	
User management	✓	✓		✓	
code-M compatible	✓	✓		✓	
Customised software (e.g. Extrusion Lite, etc.)	-	-		✓	
<b>Dimensions and Weight</b>					
Housing (HxWxL; mm) with control panel	455 x 350 x 290	620 x 320 x 320		700 x 320 x 320	
Weight	18 kg	26 kg		31 kg	
Control terminal (H x W x L; mm)	integrated	integrated		232 x 300 x 66	
Print head (H x W x L; mm)	145x40x40, 2 kg	145x40x40, 2 kg		145x40x40, 2 kg	
Umbilical length	3 m	4 m		4 m / 6 m <sup>1)</sup>	
Angled print head connection cable	-	-		✓ <sup>1)</sup>	

<sup>1)</sup> optional

**Standard on all alphaJET models**
**Connectivity:**

 Network (TCP/IP), RS 232, USB (file management), Digital I/O port  
 Volt-free programmable alarm relay, 4-colour alarm (option)

**Operation:**

 TFT touch-screen display, user-friendly graphical user interface,  
 Configurable user rights, code-M-compatible

**Text composition:**

Product counter (with auto-stop function), time functions, global counter (counter across printing texts), DataMatrix, QR codes, barcodes, DotCodes, characters and logos (BMP format), data fields (can be filled via an interface), prompted fields (input prompt), True Type Fonts (international language and character sets)

**Power requirements:**

Mains voltage (AC) 86 - 264 V, ± 10 %, maximum power consumption 0,5 A / 230 V; 1 A / 110 V

## Printing samples

Our ink jets deliver accurate print results, even at high production speeds (up to 11 m/second at standard 2.5 mm character width).

You can print 1-8 lines with consistently good quality, even on textured or uneven surfaces.

Plain text: normal, underline, italic, bold;  
TrueType and multi-line

Normal - ABCD01234\$\$@€%&  
Underline - ABCD01234\$\$@€%&  
Italic - ABCD01234\$\$@€%&  
Bold - ABCD01234\$\$@€%&

M32x22 Matrix

ALPHA JET PICO MEXE  
alpha JET PICO M7X5

Matrix Line 3  
Matrix Line 2  
Matrix Line 1

True Type "Tahoma"

True Type €&!/? \$ €[] :  
KBA Unicode input  
KBA-Metronic GmbH

True Type with an AJ-Pico

Barcode, DataMatrix-Code, QR-Code, Dot-Code

Code128 ABC def 0123

أهلاً وسهلاً بكم في شركة ك ب ا م ترونك  
ألمانيا - فليسنهوسشهايم  
رقم الهاتف : ٠٠٤٩٩٣١٩٠٨٥٠

Большой привет из Германии  
Большой привет из Германии

美好的一天

KBA KBA-METRONIC GMBH

杭州高宝力拓力克喷码技术有限公司

Language translation (e.g. Russian, Chinese, Arabic),  
Customised fonts, symbols and logos

KBA-Metronic GmbH  
Benzstr. 11  
D-97209 Veitshöchheim  
Phone +49 (0)931 9085-0  
Fax +49 (0)931 9085-100  
www.kba-metronic.com  
info@kba-metronic.com

Our Agent:

Subject to technical and design changes.  
E&OE

 **KBA**  
KBA-Metronic GmbH