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.

Total Cost of Ownership winner
Benefit from reduced operating costs with a proven solvent recovery system.

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.

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.

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.

Universal application
Largest range of specialist inks on the market.

Accessories
Supplement your alphaJET with practical accessories.

| Mobile cart | Sliding table | Handheld scanner | Tripod | Signal beacon (external) | Cleaning unit |

alphaJET	alphaJET mondo	alphaJET into	alphaJET evo	alphaJET tempo	alphaJET pico
Print					
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	-	✓	✓	✓	✓
Product features					
IP 65 protection rating	✓	✓		✓	
Solvent recovery system	✓	✓		✓	
Heated printing head	-	✓		✓	
Automatic nozzle closure	-	✓		✓	
TFT Touchscreen	8,4"	10,4"		10,4"	
Integrated UPS	-	-		✓ [1]	
Alarm beacon	✓ [1]	✓ [1]		✓ [1]	
Digital I/O port	4/4	8/4		8/4	
Remote message selection, Text lists	-	✓		✓	
Remote socket	-	✓ [1]		✓	
Metre marking	-	✓		✓	
User management	✓	✓		✓	
code-M compatible	✓	✓		✓	
Customised software (e.g. Extrusion Lite, etc.)	-	-		✓	
Dimensions and Weight					
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)	145 x 40 x 40, 2 kg	145 x 40 x 40, 2 kg		145 x 40 x 40, 2 kg	
Umbilical length	3 m	4 m		4 m / 6 m [1]	
Angled print head connection cable	-	-		✓ [1]	

[1] 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.

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

M32x22 Matrix

True Type "Tahoma"

True Type with an AJ-Pico

KBA-Metronic GmbH

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

Code128 ABC def 0123

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

Большой привет из Германии
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美好的一天

杭州高宝力拓力克喷码技术有限公司

اهلا وسهلا بكم في شركة ك ب ا مذرونك
الما نبا - فايتسهوشهلام ٩٧٢٠٩
رقم الهلاتف : ٠٠٤٩٩٣١٩٠٨٥٠

Subject to technical and design changes. E&OE

KBA

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