

# FAMOUS FOR INK

# GEM®



alphaJET evo is the next generation continuous ink jet from KBA-Metronic. alphaJET evo delivers performance with dramatically reduced fluids consumption.

The combination of a compact printhead design with powerful software based on a durable hardware platform gives exceptional print, even at high speed.

## EASY TO INSTALL, EASY TO USE, EASY ON YOUR BUDGET...MARKING SIMPLIFIED.

### PRINTING

0.8 - 15.0 mm, 48 vertical drops  
Free choice of print matrix  
Any matrix combination possible within one text

### MAX. SPEED

2,800 characters / second

### TEXT FEATURES

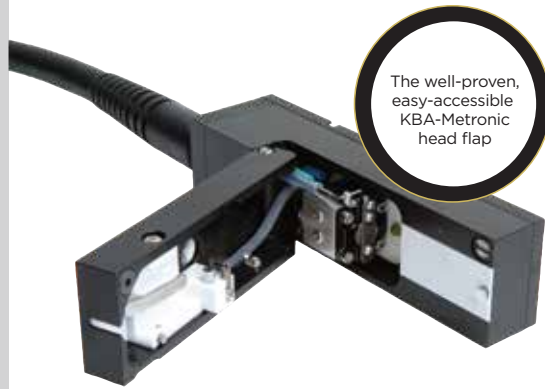
- Automatic date functions
- Expiry date
- Julian date
- Continuous numbering, time, shift identification
- Barcodes
- Data matrix code
- Logos, etc.
- Printing of True Type fonts



ALPHAJET EVO  
CONTINUOUS INKJET SYSTEM

# ALPHAJET EVO

CONTINUOUS INKJET SYSTEM



The well-proven, easy-accessible KBA-Metronic head flap

## OPERATION

- 10.4" TFT touchscreen display with user-friendly interface
- Solvent resistant
- Can be removed and titled
- Graphical interface (WYSIWYG)

## INTERFACES

- Ethernet • 2 x RS 232
- 2 parallel inputs (product sensor and encoder)
- Remote socket
- Digital I/O port with 8 inputs and 4 outputs
- Alarm relay • USB port

## DIMENSIONS

Control unit: 320 x 320 x 700 mm (incl. operator terminal) Print head: 40 x 40 x 145 mm L x W x H

## HOUSING

- Modern design
- IP 65 rated construction
- Operating temperatures +5° to +45° C
- Stainless steel

## POWER SUPPLY

86 - 264 V  $\pm$ 10 %, 50 - 60 Hz, Max. Consumption 1.0 / 0.5 A

## PRINT HEAD

- Minimal tubing and wiring
- Easy to clean
- Nozzle lock, Quick start and shut down routines
- Head heater, uniform droplet formation

## HARDWARE

The control unit and printing unit operate independently of each other. This allows additional printing units to be controlled from one master printer. Peripheral equipment can be controlled and synchronized via defined interfaces.

## INK SYSTEM

- Solvent recovery: only 2 ml/h at 20° C
- Quick disconnect mixing tank - for fast ink color changeover
- Minimal connections for increased durability
- Individual components combined as modular blocks
- Easy to maintain
- Ink system on one base plate
- No cartridge system, therefore no ink code necessary

## 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 Subject to technical and design changes. E&OE



# GEM

CALL NOW TO SET UP AN APPOINTMENT  
OR REQUEST ADDITIONAL INFORMATION

[GEMGRAVURE.COM/CONTACT-US](http://GEMGRAVURE.COM/CONTACT-US)

112 SCHOOL STREET • HANOVER, MA 02339 • 781.878.0456