



PrintSafe
CODING SYSTEMS

PRECISION TODAY. PROTECTING TOMORROW.

HRX



betaJET HRX

by Koenig & Bauer Coding

HIGH RESOLUTION INKJET PRINTER – GS1 COMPATIBLE



HRX

HMI DISPLAY 7" or 10"

For greater comfort, it is possible to remove the controller from the printer's body and place it anywhere on the production line.



ESCALABILITY

Connect 4 printheads and control them all through the same HMI Display.

PERIPHERAL CONNEXIONS

Connect encoders, beacons or UVLED curing lamps; link printers or communicate APLINK HRX Series with any item in the line.

BOTTLE DETECTION SYSTEM

Protects the printhead by preventing errors in changing ink type or ink color and showing ink expiration date warnings.

PRINTING ON ANY SURFACE

UVLED Curing System configurable through HMI display.



GRAYSCALE PRINTING

Take coding to the next level with GrayScale printing.

GS05
Up to 3 levels

RESOLUTION

Multichannel vertical resolution management and up to 1440dpi of horizontal resolution for a higher contrast.

CONTRAST PER ELEMENT

Regulates the contrast applied to each element, making it possible to highlight some areas of the message more than others.

FLEX INTEGRATION SYSTEM

Innovative design that allows the head to rotate on its 3 axes to print in SIDE, TOP or TILT position (from 0° to 90°) fast and easy.



betaJET HRX: CODING TAKEN TO THE NEXT LEVEL

The betaJET HRX is Koenig & Bauer Coding's new generation of high-resolution GrayScale inkjet printers designed to replace labels on porous and non-porous surfaces. It's GS1 compatible and fully future-proofed.

PRINTER FEATURES	
PRINTING HEIGHT	Up to 72 mm (2,83")
PRINTING SPEED	Up to 250 m/min*
PRINTING CAPACITY	Up to 30 prints/second*
RESOLUTION (VERTICAL / HORIZONTAL)	GS10: from 90dpi to 360 dpi (vertical), up to 1440dpi (horizontal) GS05: from 90dpi to 180dpi (vertical), up to 1440dpi (horizontal)
MESSAGE LENGTH	Max. 50 m
BARCODES	GS1 (GTIN13, GTIN14, GS1-128, GS1 Datamatrix, etc.)
DATA	Texts, variables, formulas, logos, images, dates, etc.
PRINthead POSITION	Side, top or tilt from 0° to 90° (Flex Integration System)
OPTIONS AND ACCESORIES	UVLED Curing System, external beacon, encoder, HMI 10"

HMI FEATURES	
DISPLAY	7" colour touchscreen 10" colour touchscreen (optional)
PRINthead CONTROL	HMI7" – up to 2 printheads / HMI 10" – up to 4 printheads
COMMUNICATION	USB 2.0, Ethernet, I/O (12)
MESSAGE DESIGN SOFTWARE	KBC Designer Lite and KBC Designer Pro, NiceLabel, Codesoft, Windows Driver

EQUIPMENT CERTIFICATES



INK CERTIFICATES



Due to our continuous improvement policy, our product specifications are subject to change without notice.

*Maximum speeds and cadences will depend on the design of the message and the elements that make it up.