

Founded in 1972, KBA-Metronic GmbH is a medium-sized company with approximately 300 employees and has been a wholly owned subsidiary of Koenig and Bauer AG since 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 is at the fore of the very latest market developments and totally in touch with customer needs. KBA-Metronic GmbH 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 industry worldwide. Applications for all KBA-Metronic coding technologies including laser, ink jet, hot foil and thermal transfer can be found in market sectors such as food processing, pharmaceutical and automotive – all are supplied from our facilities in Veitshöchheim.

Feeding systems from KBA-Metronic GmbH

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Our agent:



udaFORMAXX

udaFORMAXX Sleeve/Carton Feeder from KBA-Metronic GmbH
is an all-round offline coding system

udaFORMAXX
on youtube:





udaFORMAXX with hpdsYSTEM hot foil printer

- for simple, yet cost effective sleeve/carton coding
- ideal for printing BBE, use-by codes, batch numbers, prices etc.
- max. print area 50 x 80 mm



udaFORMAXX with ttPRINT thermal transfer printer

- high resolution
- ideal for ingredients panels, graphics and 1D/2D bar codes
- PC-software for code layouts/designs



udaFORMAXX with label applicators

- for labeling of sleeves, cartons, watch strap bands
- spot labeling applications
- pre-printed or blank labels



udaFORMAXX with continuous ink jet alphaJET

- continuous ink jet system for variable information (e.g. batch numbers, expiry dates), bar codes, data matrix codes, graphics and logos
- wide range of substrates
- character height 0.8 – 15 mm, max. 8 lines (5x5 matrix) per print head



udaFORMAXX with DOD-System betaJET

- addressing applications (text), codes and logos
- up to 600 dpi
- 1 – 4 configurable print heads
- individual configuration of each print head



udaFORMAXX with laserSYSTEM

- forgery-proof, permanent print
- variable data coding
- highly economical
- no consumables required

udaFORMAXX at a glance

The udaFORMAXX is the result of decades of consistent refinement of the established UDA150-S, for the offline coding of sleeves, cartons, watch strap bands and bags.

The udaFORMAXX is designed for integration with a wide range of print systems including continuous ink jet, drop on demand, thermal transfer, laser and hot foil. It is used in conjunction with these technologies to produce BBE and use-by dates, prices and content information, bar codes and other variable data.

Summary of the advantages:

- attractive cost to ROI ratio
- easy to use and highly reliable
- simple and repeatable settings
- quick format change
- compact design footprint
- maintenance-free servo motors with digital control
- stand alone system
- flexibility
 - carton/sleeve sizes
 - coding and camera technology
 - multilingual

Ideally suited to applications for coding:

- folded cartons
- sleeves
- watch strap bands
- blister cards
- labels
- single sheets/booklets
- bags
- smart cards

Recommended for:

- Food
- Pharmaceutical
- Medical
- Automotive
- Textile
- Contract packers
- Commercial small format printers

Completely flexible: in substrate in coding & marking technology in language



Technical Data

udaFORMAXX "i"

intermittent (+ continuous) operation
with belt

udaFORMAXX "c"

(continuous) operation
with broad belt conveyor

Material width:	min. 30 mm, max. 450 mm	min. 64 mm, max. 368 mm
Material length:	min. 60 mm, max. 500 mm	min. 45 mm, 430 mm (500 mm optional)
Material thickness:	min. 100 g/m ² , max. 7.5 mm	min. 100 g/m ² , max. 5 mm
Speed*:	infinitely variable to max. 90 m/min.	infinitely variable to max. 90 m/min.
Output:	up to 1.000 pcs./min.	up to 1.000 pcs./min.
Operation:	Operation terminal with graphic display and LCD screen	
Mech. construction:	corrosion free: VA/anodised aluminium, most suitable e.g. for the pharmaceutical industry.	
Dimension:	1300 (+ 626 stacker) x 680 x 362 mm, L x W x H	
Weight:	ca. 107 kgs (without coding equipment)	
Power connection:	230 V (115 V) + 10% tolerance, according to IEC38, approx. 700 VA (without coding system)	
Standard for both systems:	• brushless servo drive • display for settings and status • encoder for speed settings • print signals for 2 coding- / camera systems • feeder and delivery	
Optional for both systems:	• double layer control • indicator light • frames for coding systems • connectors for coding systems • print detection, camera systems • shuffle board • print signals for 4 coding- / camera systems	

*This data refers to the basic udaFORMAXX without application.

Subject to technical modification, E&OE



Suitable for large
and small sizes:
udaFORMAXX