



Laser coding systems

Safe, flexible, durable

INDUSTRIAL GOODS cosmetics **CHEMICALS** colour removal
hygiene articles **PHARMACEUTICAL** *CONSUMER GOODS*
MEDICAL INSTRUMENTS furniture **AUTOMOTIVE**
PACKAGING *TOBACCO* engineering plastic
WIRES tubes & pipes **food**
ELECTRONIC *BEVERAGES* **tempering** aerospace



COMPACT & EASY

Maximum power in minimum space – our laser systems are extremely compact, even in limited space, easy to integrate.
We offer the highest flexibility and capabilities, whether it's a simple integration into existing networks, or an integration with ERP systems.



FAST & POWERFUL

Our laser systems impress with highest dependability and excellent results. Even with complex graphics, large print areas or very high speeds.
In addition extremely low maintenance and minimal running costs – the system pays for itself!



VERSATILE & COLOURFUL

Different materials, such as labels, folding boxes, cardboard, film, PET, glass, wood or various plastics and metals can be marked with a laser.
Even challenging applications such as perforations, cutting of foils or making a color change without laser additives can be achieved with our systems.



INTUITIVE & TIME-SAVING

Our laser systems can be easily controlled, whether with a hand held input device, a touch-screen terminal or our proven PC software.

After a short introduction, the intuitive full graphic interface can be operated easily and safely by hand. This saves time and increases your safety in everyday work!

PRECISE & DURABLE

Crisp, clear codes, precise logos, exact texts. State of the art software and hardware ensure permanent, high-quality marking. This gives you accurate identification of your products – throughout the entire life cycle.

CUSTOMISED & SAFE

The customised realisation of your demands is our top priority.

Take advantage of our long-standing know-how in field application engineering, integration and safety to make your project successful.





Laser coding systems from KBA-Metronic:

Safe, flexible, durable

laserSYSTEM technology

The demand is crucial for the right laser. KBA-Metronic has a variety of high-performance, freely programmable CO₂, YAG and fiber lasers and the corresponding know-how available to identify your products permanently and flexibly.

The choice of suitable laser depends on the material response, for example:

- colour removal: cardboard, paper, film, coated and anodized metals
- colour change: plastic, ceramics
- engraving: metal, ceramic, plastic, wood
- tempering: metal
- foaming: plastics

The material and your individual demands determine the appropriate laser procedures.

Application fields

The list of applications and products could be almost infinite, because lasers have found a permanent place in many industries. Our lasers create informative and decorative texts and motifs for the highest demands – for either continuous or intermittent production.

The laser with protection class IP 65 is ideal for applications in the food and beverage industry. High reliability and excellent beam quality ensure safety in production, even at high speeds.

No compromises

Key features of KBA-Metronic laser systems are:

- excellent print quality for variable data, text, Barcodes, 2D codes and complex graphics
- durable, high-contrast coding
- faster and more flexible than mechanical methods
- user-friendly and low maintenance
- full array of options come as standard



laserSYSTEM from KBA-Metronic GmbH

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 forefront of the very latest market developments and totally in touch with customer needs.

KBA-Metronic coding systems can be found in many industrial application fields all over the world. Global leaders in all industries have successfully implemented ink jet, laser, thermal ink jet, hot stamp, thermal transfer printer and offline coding systems from KBA-Metronic.

For further information please contact our sales department or local agent at:

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