

KOENIG & BAUER

hpdSYSTEM

Hot-foil systems



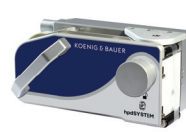
we're on it.

EN

hpdSYSTEM

For first-class printing results in product coding, the hot foil coding process has been a trusted system for years offering good economic efficiency and operating security.

hpdSYSTEM printers offer both brilliant print results and unbeatable robustness and service life. Typical areas of application for hot stamping are food and confectionery, film packaging, cosmetics, pharmaceuticals and drugstore articles, cables and pipes, electrical, components and tyres.



hpdSYSTEM	nano	vario	magno	moto	TR
Print surface max. mm	15 x 30	30 x 50	50 x 80	20 x 20	15 x 15
Speed max., prints/min.	500	1000	60	60	5
Print time, ms	50 - 2000	20 - 2000	70 - 2000	20 - 2000	20 - 2000
Temperature, °C	50 - 200	50 - 220	50 - 200	50 - 220	50 - 180
Print pressure at 6 bar, N	373	580	1070	580	750
Foil length, m	122	305	305	305	183
Foil diameter (max.), mm	72	100	110	100	85
Foil feed, mm infinitely adjustable	2 - 15	2 - 30	2 - 50	automatisch	30
Sequence control	-	✓	✓	✓	✓
Core scanning	-	✓	✓	✓	✓
Mains voltage	24 V DC / 90 VA	24 V DC / 130 VA	24 V DC / 170 VA	24 V DC / 130 VA	24 V DC / 130 VA
Compressed air, Ø 6 mm, bar	4 - 6	2 - 6	3 - 6	2 - 6	2 - 6
Variations of hpdSYSTEM	vertical or horizontal, right or left				
Dimensions (H x W x L), mm	V: 270 x 88 x 129 H: 142 x 235 x 127 8 kg	V: 206 x 190 x 166 H: 142 x 285 x 166 10.5 kg	201,5 x 291 x 169 8,6 kg	146 x 293 x 176 8 kg	210 x 305 x 180 10.5 kg

Functioning: A heated cliché transfers the pigments of an ink foil/ribbon to the product.

hpdSYSTEM nano

Miniature hot foil device with small dimensions for the use in packaging machines offering limited space.

hpdSYSTEM vario

The hot foil cassette device stands out with quick cycle times and easy handling using a foil cassette. The cassette is very easy to fit with coloured foil outside of the printing mechanism. For even quicker foil exchanges, simply add an exchange cassette to the printer.

hpdSYSTEM magno

Hot foil printing mechanism with side button. The unique feature of this system is an extremely large print surface stretching to the edge of the product.

hpdSYSTEM moto / hpdSYSTEM TR

Special devices with patented swivel type or rotating print head for up to 8 different characters, specially developed for the tire industry.

Key advantages hpdSYSTEM

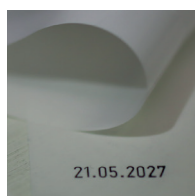
- The most economical technology for marking and coding:
 - highest uptime
 - robust and long lifetime
 - low investment in equipment and operating resources
- Infinitely variable film feed reduces film consumption.
- Simple operation and clean handling.
- Brilliant colour variety, special colours in RAL and Pantone on request.
- Suitable for sensitive environments, as absolutely harmless and emission-free.



More Information:

<https://coding.koenig-bauer.com/en/products/hot-foil-systems/>

Print samples hpdSYSTEM



film



cable



plastics



blind embossing



labels



tires

Exchange cassettes for hpdSYSTEM vario/moto/TR

- for quick foil exchanges
- offer true flexibility for a wide variety of foil colours
 - including specialised colours
- simplify handling
- shorten your set-up times

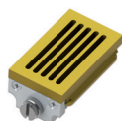
For manual coding tasks – such as for tires, tubes, cables, etc. – we offer standardised manual **workstations** with the right hpdSYSTEM printer.

Standardised device brackets for optimal integration

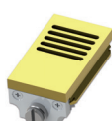
- custom height adjustment
- simple lateral adjustment using a turning spindle
- hpdSYSTEM printer turns in 90° steps with locking feature
- various widths up to 1,000 mm available in the standard version
- special sizes available

Print types und galleys

We produce magnesium or silicone embossing plates in our in-house engraving manufacture as well as steel or brass print type according to your specifications: Custom Fonts, logos, or drawings – quickly, reliably, and guaranteed.



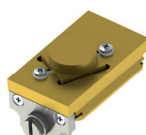
longitudinal grooves



transverse grooves



with numbering machine



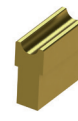
with patented swivel type



custom galley



type



concave type

Tailor-made services

Good coding is a quality feature for production reliability - from logistics to the end consumer. It is important to maintain this at a consistently high level. We support you and your team with our customised services.

- Safeguarding your production by minimising operator errors and reacting quickly on your own.
- Maintaining excellent print quality through optimal operation on and in the system.
- Reduction of downtimes and the associated costs.



Training

Operation, service and maintenance.

Especially in a running production, a quick reaction is required in case of emergency. Well-trained employees know the tricks and tips!

We pass on our know-how in-house, at your site or in an online training course:

- correct handling
- self-reliant maintenance
- independent troubleshooting



Service and maintenance

You dedicate yourself to your core business, we ensure the availability of your coding device.

An unexpected production stoppage always has negative consequences. In addition to the sudden loss of production, there is also the stress on the line. By choosing our service plans, we will automatically remind you when maintenance is due. Regular servicing

- keeps your print image perfect
- maximises the life of your coding and marking system
- minimises the cost of unscheduled service calls

In brief: you can prevent printer breakdowns, avoid repairs and save money.



Project planning and customised application

From analysis to implementation.

Our competent engineers support you with comprehensive and long-standing expertise - also in special machine construction. Individual integration into your existing production lines is handled by our applications department with direct access to our in-house CNC machinery.

Your advantages are obvious:

- full-range supplier for industrial coding and marking
- contact partner for your individual project
- comprehensive partner network



Managed Services

Up-to-date and forward-looking.

Managed Services is an optional virtual assistant that keeps a permanent and seamless eye on the alphaJET systems and all their functions and provides live, real-time information via a dashboard. This increases performance and makes your production even safer.

- display of consumables, equipment performance and availability
- fast and qualified support via remote access
- reduction of unplanned costs due to unexpected production downtime



Consumables and spare parts

Standardised or individual.

The large portfolio of consumables for all technologies, including new in-house developments, and the close technical coordination between our development departments for equipment and consumables, leads to continuous use in production:

- optimum running properties
- broad and constantly growing portfolio, tailor-made to customer requirements
- high quality and reduced consumption



Framework contracts and call-off orders

Clever purchasing strategies save time and money.

By concluding blanket and call-off orders, you show supply bottlenecks and price fluctuations the red card. Benefit from:

- short delivery routes
- stable and plannable conditions
- outsourced warehousing



Rental concepts

An attractive alternative to buying. The principle: rights of use instead of ownership.

Reduce the capital investment for your assets. You can rent our marking and coding devices very easily and cost-effectively. This does not tie up your capital and does not require depreciation.

- You invest and yet remain liquid.
- You are flexibly moving with the times and always use modern, high-performance equipment.
- You set the rate individually to your requirements with transparent costs.

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Contact

Your non-committal inquiry by email or by telephone is the first step.
Please contact us.

Analysis

Our experts will work with you to clarify your current situation and identify your demands.

Concept

According to your demands we will make you an attractive offer and, if you wish, carry out a test run in your production.

Result

If you agree with that concept, we will realise your order and support you throughout the entire implementation process.

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