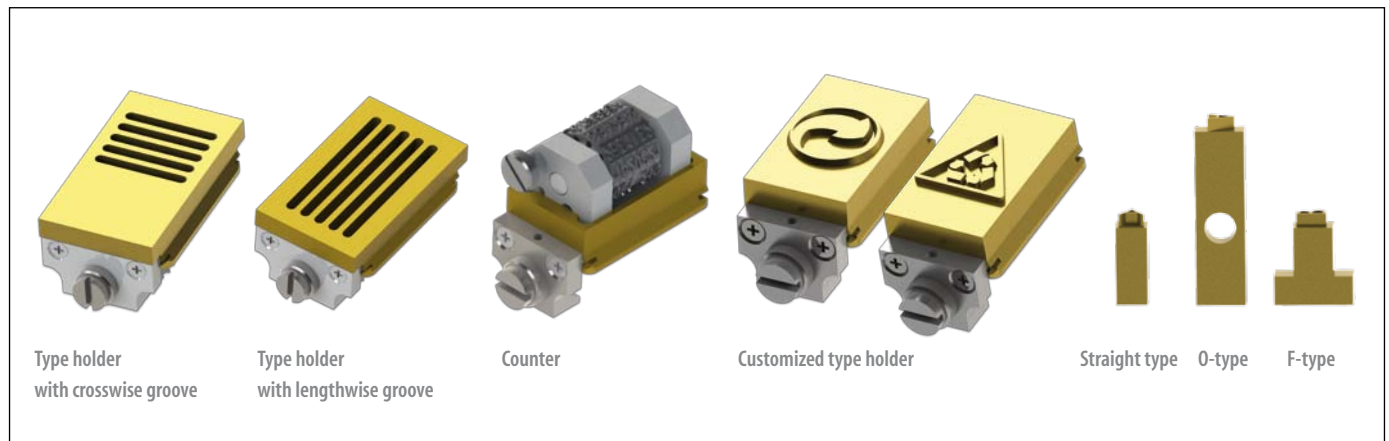


### In-house engraving production

We manufacture stamping plates of magnesium or silicone and types of steel or brass according to your individual requirements:

Individual fonts, logos or characters – fast, reliable and with guarantee.



### Standardised mounting frames

- Height-adjustable
- Longitudinal adjustment by spindle
- Unit 90° rotatable and lockable
- Various widths up to 100 cm
- Special sizes available



KBA-Metronic GmbH  
Benzstr. 11  
D-97209 Veitshöchheim  
Phone +49 (0)931 9085-0  
Fax +49 (0)931 9085-100  
www.kba-metronic.com  
info@kba-metronic.com

Our Agent:



# Hot foil coding systems

Product range





nano:  
Miniature hot  
foil printer for  
the use within  
packaging  
machines with  
minimal available  
space



vario:  
Hot foil coding system  
with cassette for  
individual product  
coding

## hpdsYSTEM

	nano		vario	
	Vertical	Horizontal right / left	Vertical right / left	Horizontal right / left
Type				
Device variant				
<b>Dimensions</b>				
Size H x W x L (mm)	270 x 88 x 128	142 x 237 x 127	206 x 190 x 166	142 x 285 x 166
Installation height (mm)	270	142	206	142
Weight	3.5 kg	3.5 kg	6.5 kg	6.5 kg
<b>Print</b>				
Printing format (mm)	15 x 30		30 x 50	
Output	500 prints / min		1000 prints / min	
Print time	50 - 2000 ms		20 - 2000 ms	
Temperature	50 - 200 °C		50 - 220 °C	
Printing pressure	373 N at 6 bar		580 N at 6 bar	
<b>Film</b>				
Colour foil length	122 m		305 m	
Film diameter (max.)	72 mm		100 mm	
Film feed	2 - 15 mm, infinitely variable		2 - 30 mm, infinitely variable	
<b>Power requirements</b>				
Mains voltage	24 V DC / 90 VA		24 V DC / 130 VA	
Heating power	80 W		120 W	
Air connection	4 - 6 bar, ø 6 mm		4 - 6 bar, ø 6 mm	
Compressed air consumption	0.11 l per printing cycle		0.16 l per printing cycle	
<b>Protection</b>				
Protection class standard	IP 20		IP 20	
Protection class optional	IP 65		IP 65	IP 54
<b>Features</b>				
Status I/O	Standard		Standard	
Film end	Standard		Standard	
Printer reset function	Standard		Standard	
Sequence control	-		Optional	
Core sampling	-		Optional	
Controller integrated	Standard		Standard	

Subject to technical  
and design changes.  
E&OE

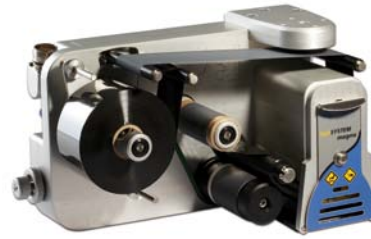


### Consumables

Reliable quality, high scratch resistance and light resistance form the basis for a wide range of films in different colours and qualities. Special colours are possible.



**moto:**  
Hot foil coding system  
with cassette for  
special applications



**magno:**  
Hot foil coding system  
with very large print area

moto	magno
right / left	right / left
142 x 285 x 166 142 8 kg	188 x 282 x 168 188 8.5 kg
20 x 20 60 prints / min 20 - 2000 ms 50 - 220 °C 580 N at 6 bar	50 x 80 200 prints / min 70 - 2000 ms 50 - 200 °C 1170 N at 6 bar
- 100 mm Automatic	305 m 110 mm 2 - 50 mm, infinitely variable
24 V DC / 125 VA 120 W 4 - 6 bar, ø 6 mm 0.16 l per printing cycle	24 V DC / 160 VA 150 W 4 - 6 bar, ø 6 mm 0.25 l per printing cycle
IP 20 -	IP 20 -
Standard Standard Standard - - Standard	Standard Standard Standard Optional - Standard

### Printing accessories

- PC software hpdCONTROL
- Exchange cassette
- Types, counters
- Standard mounting frame

### Control unit

- 24 V / 10 A: with graphical display and keypad, RS 232, for 2<sup>nd</sup> printer connection suitable IP 54
- 110 - 240 V / 1 - 2 A: with graphical display and keypad, RS 232 interface, IP 54
- Powerbox 110 - 240 V / 1 - 2 A

