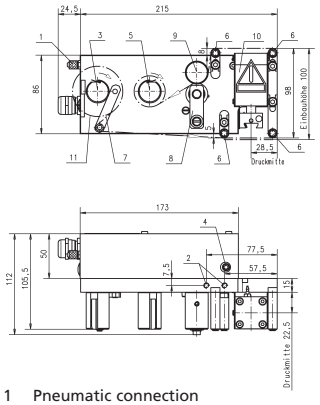
M01mini S Miniature unit

- **Miniature unit**
- **10 x 30 mm printing area**
- **400 prints per minute**
- **Operation parameter storage**

Miniature hot stamping unit with particularly small dimensions (215 x 112 x 100 mm) and the print head attached to the side, to be used in packaging machines with a minimum of available space. Despite its small size, the M01mini S represents an efficient and versatile unit.



1 Pneumatic connection
2 Threaded whole M6
3 Take-off spool
4 Advance adjustment
5 Take-up spool
6 Deflection pulley
7 Compensation oscillating crank
8 Pressure roller
9 Advance roller
10 Print head
11 Hot stamping foil

Structural features

- Basic unit with separate control unit
- Simple feeding of the stamping foil
- Exact foil advance adjustment
- Electronic p-control for constant print head temperature
- Electronic analysis and indicator for broken sensor and insufficient or excess temperature
- NPN / PNP pulse input (reversible) with visual indicator
- Electronic printing mark scanner
- Electronic time delay or impulse stop
- Electronic output (short-circuit-proof) for solenoid valve
- Electronic foil end warning system

Options / accessories

- Foil guide shield
- Mounting systems
- Print types and individual printing blocks (no numbering devices)
- Color foils, matching the unit and the respective material
- Pring head (turned in 180° angle)
- Stroke 8 mm

Technical Data

Dimensions:	215 x 112 x 100 mm, L x W x H
Printing area:	up to 10 x 30 mm
Capacity:	up to 400 prints / min. - depending on material and effective printing area
Color foil length:	max. 122 m, ø 72 mm
Foil advance:	2 - 10 mm - infinitely variable
Print pressure:	approx. 300 N at 6 bar
Type of drive:	pneumatic
Air supply:	min. 4 - max. 6 bar, ø 6/4 mm
Air consumption:	approx. 0.06 l per printing cycle
Electric control:	230 V (115 V, 200 V) - 10% up to + 6%, 50 / 60 Hz, 225 VA
Safety classification:	I; control unit: safety classification I, type of protection IP 54
Temperature:	approx. 343 - 473 K (70° to 200° C) - infinitely variable
Dwelling time:	approx. 5 to 700 ms - infinitely variable

subject to technical modification

KBA-Metronic Aktiengesellschaft
Benzstraße 11 · 97209 Veitshöchheim
Telefon +49(0)931/9085-0
Fax +49(0)931/9085-100
info@kba-metronic.com
www.kba-metronic.com