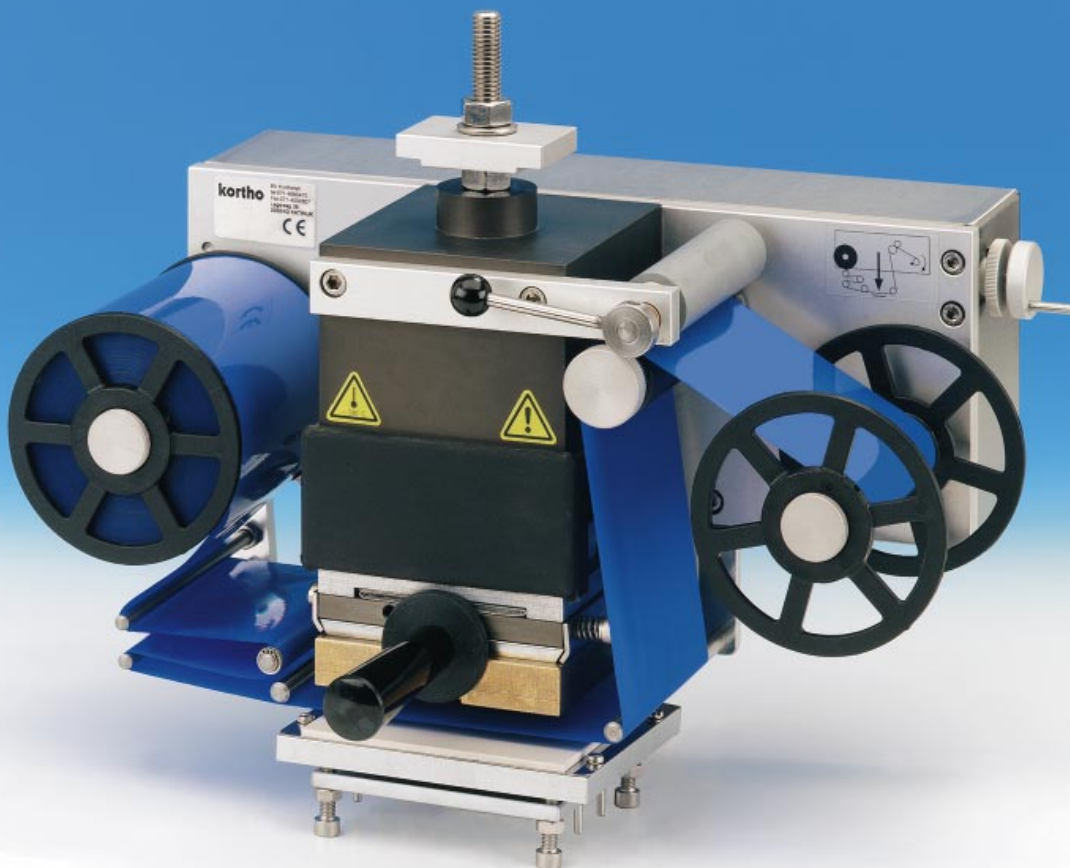


HOTPRINTERS

Hotprint is the reliable system which enables you to print variable data directly on packaging film during the production process. The high-quality print, which adheres immediately, is always extremely sharp, scratch-resistant and colour-proof. Kortho Hotprinters are characterised by their quality, their economic use of foil, their low maintenance costs and their flexibility. In addition to a large number of standard models available from stock, Korthofah is able to provide tailor-made models, taking customers' requirements into account, thanks to our own production facilities.

- The cost-cutting machine for printing variable data.
- Savings on pre-printed packaging film and labels or by making use of labels superfluous.
- For imprinting the product composition and name, type, bar code and suchlike on horizontal or vertical flowwrap, blister packaging or vacuum formed packaging.
- Flexible printheadlayout for combinations of stamping dies, datewheels, separate digits/ letters and text blocks.
- Economical use of foil thanks to optimal adjustable foil feed.
- Minimum maintenance and user-friendly.
- M-100 printing area: up to 100 x 100 mm;
M-150 printing area: up to 100 x 150 mm.



M-100/150

M-100/150

kortho

HOTPRINTER M-100/150

The Kortho Hotprinter M-100/150 is the way to economy and quality in coding and printing on packaging and products. Korthofah's Hotprinters produce high-quality, scratch-resistant printing during the production process itself on various types of material, such as many kinds of film – but also on paper, cardboard, plastics, rubber, leather and many others.

The Kortho Hotprinter M-100/150 can be integrated into intermittent or continuous packaging machines, form-fill-seal machines (e.g. for the production of building materials, cattle feed, plant potting soil, artificial fertilizers, dairy products), blister packing machines (for the pharmaceutical industry), vacuum forming machines (for printing in single or multiple sections), but can also function as a table-top



model. The Hotprinter M-100/150 is compact and easily built in, is of robust construction and comes up to the latest quality standards. The Hotprinter M-100/150 is powered by the Kortho Hotprinter control box.

The Hotprinter M-100/150 is extremely suitable for printing variable texts such as product composition, type, product name, bar code, logo, recycle symbol, EU symbol, price, dates and so on.



Standardisation of packaging materials and -films provides considerable savings in stock management, reversing times and left-over rolls. The direct imprinting of variable data on packaging film also does away with labels, resulting in considerable savings.

Korthofah's own design department and engraving shop helps developing the best solution for every coding requirement. Simple stamping dies or extensive combined textholders can be produced according to the customer's specifications on short term.

Korthofah supplies various accessories that provide flexibility in the layout of the easily changed print-heads. Many combinations are possible using single characters, text blocks, adjustable datewheels, numbering units and magnesium stamping dies.

The imprint on the packaging is made using Hotfoil. The heated printhead presses the Hotfoil briefly onto the packaging material. The pigment carried by the Hotprint foil is transferred to the packaging where it adheres instantly. Hotfoil is available in a variety of colours and types and can be cut by Korthofah to the required width and length.



TECHNICAL SPECIFICATIONS

MODEL	M-100	M-150
Maximum printing area (mm)	100 x 100	100 x 150
Maximum coding speed (prints/min)	180	
Stamping pressure at 6 bar (N)	3.000 (higher on request)	
Maximum hotfoil length (metres)	610	
Stamping temperature (°C)	80 – 220	
Signal for end of hotfoil	Standard	
Power supply	230VAC ± 10% 50-60 Hz optional: 115VAC ± 10% 50-60 Hz	
Power rating (Watts)	2 x 200	2 x 250
Operating pressure (bar)	5 – 8	
Air consumption (litres per cycle)	1,2 at 6 bar	
Noise level (dB)	77	
Main dimensions (mm) with max. foil feed, incl. counter-pressure plate	L 395 W 198 H 200	L 395 W 242 H 200
Total weight including counter-pressure plate	9,2	10,5
Control system	Microprocessor controlled control unit	
Hotfoil standard	Non-toxic	
Industrial standards	CE	

In the light of continuous development and improvement Korthofah reserves the right to modify the specifications of the models without giving prior notice.

M-100/150