

ROLLCODER

The kortho rollcoder is a simple, reliable and efficient contact printer which affords quality printing results at a minimum price.

The kortho rollcoder prints on almost any substrate and in any position.

The kortho rollcoder primarily consists of two main components: a text roll and the inking unit. Rubber texts and / or logos are easily attached to the text roll, in any given layout. The text roll, driven by the product to be printed on, automatically picks up the ink from the inking unit. After the print has been applied, the rollcoder automatically repositions the text roll for the next print cycle.

- Simple and reliable design for trouble-free operation in any industrial environment.
- During the packaging- or production process, a variety of information may be printed. Forget about storing large amounts of pre-printed carton boxes, labels and other materials.
- Changing texts is simple and easy with the special profile on both text roll and rubber text-strip or logo.
- The closed inking system allows to work with a variety of inks and can be equipped with a pump for precise ink dosage on large texts. Pre-inked rolls are available.
- The adjustable starting point allows precise print positioning on any object.
- Suitable for use in a harsh industrial environment.



KRC 25/140 55/140 100/140

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kortho

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The kortho rollcoder is a reliable, functional machine. This rollcoder is primarily characterized by its user-friendliness and flexibility as well as its functional, clean inking unit. As a logical part of the packaging process or a goods conveying line, kortho rollcoders are installed in packaging and conveyor lines, on sealing machines or in continuous processes. Printing examples include the product name, production- or expiry date, weight information, batch number, address, shipping information and the own company name with or without a logo.

The functional principle

The kortho rollcoder is a mechanical contact coder. A rollcoder primarily consists of only two main components: a text roll and an inking system. The text roll is equipped with a special rubber profile to which separate rubber characters, fixed text strips and / or logo's with the same profile may be attached. The inking system provides ink through



a special intermediate roll to the text roll, then the print on the product is achieved by rotating contact between the text roll and the product to be coded. After completing 1/3 of a revolution, a special excenter mechanism automatically returns the text roll to its starting position.

This allows exact text positioning and assures optimal re-inking of the text roll. Also the printing position, the print pressure on the product and the inking quantity are adjustable with high precision. The optional ink pump allows for



precise ink dosage on large texts and ensures that the rollcoder is always ready for the next print. This ink pump is particularly useful for continuous production processes and for large amounts of text on a text roll. By using the alternative, pre-impregnated inking rolls you can obtain even a cleaner, maintenance-free thus user-friendly coding unit. These Kortho-Ion rolls are replaced within seconds by a new one, providing thousands of clean and sharp prints. The text material is quickly and easily attached to the text roll, while the text roll is installed on the rollcoder in no time. A back-up text roll is practical and time-saving for repetitive texts. Production change-over is achieved by simply installing the required text roll for the new production batch.

In places where a fixed rollcoder or an inkjet system is inconceivable, the kortho handcoder may be used. This handcoder is an ideal machine for coding single or several products, plane paper



TECHNICAL SPECIFICATIONS

Type	25/140	55/140	100/140
Standard rollcoder (STD)	●	●	●
Hand rollcoder (HRC)		●	●
Text height mm max	23	53	98
Diameter text roll mm	140	140	140
Max. printing* length mm	315/440	315/440	315/440
Interchangeable roll	Yes	Yes	Yes
Ink system**	IS/KL	IS/KL	IS/KL
Weight (kg)	2,6	2,8	3,0
		(HRC 1,3)	(HRC 1,5)

(*) printing distance with coding position per object respectively as a continuous printing process on sheets per revolution.
 (**) IS, refillable ink fountain system respectively KL, kortho-Ion system with impregnated inking rollers.

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



packaging and palletized units. A handcoder is a light-weight, handy instrument, normally equipped with a text roll with an impregnated inking roll. There are more models of Kortho rollcoders available for special applications. They all excel by low investment costs, a sturdy construction, efficient function and minimal maintenance.

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