

GRAPHICJET

The Kortho GraphicJet 18P is a high-definition inkjet for high-quality multi-line printing on porous surfaces. The Kortho GraphicJet can print on cardboard boxes, trays, paper bags or any other porous wrapping material.

The GraphicJet is available in two types: a single head system (GraphicJet 18P) and a twin head system (GraphicJet 18PT). The 185 dpi resolution print results in a very sharp image.

The GraphicJet prints texts of 1 up to 8 lines, logos, time, date, best before, barcodes, batch numbering and shift codes. Texts and symbols can be arranged completely free within the print area. Its compact printhead and independent ink-system allow for flexible installation on any production line.

- High Resolution injet: 128 individual addressable dots per printhead (185 dpi).
- Total flexibility over the print image.
- Coding and marking on outer packaging or individual products up to 8 lines.
- Character height from 1,5 to 18 mm.
- Combinations of text, images, logo's and barcodes in one image possible.
- Kortho Image Generation Software with extensive features.
- Unique infra-red remote control, no cables required.
- Fast and clean refilling of ink with disposable 200 ml bottle.
- Very low cost per print. Cost of the print can be calculated in the software.
- No solvent required, minimum maintenance.



GRAPHICJET 18P / PT

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The Kortho GraphicJet 18P is a High Resolution Inkjetsystem for marking and coding of porous outer cases, individual products or even continuous fed material. The 128 dot printhead ensures a very sharp print. Other types of high resolution print heads use blocks of dots resulting in the typical "saw-tooth effect". Its compact printhead and independent ink-system allow for flexible installation on any production line, regardless whether the image is to be printed on the side of a tray or on the top of a box.



GraphicJet 18PT

The large printarea of 18 x 2000 mm can be arranged with total flexibility: The image layout can be arranged with texts from one to 8 lines, logo's, time, date, best before, barcodes or shiftcodes in different forms.

The character height is minimum 1,5 mm, and maximum 18 mm. Texts and symbols can be placed both horizontal and vertical.

The Messages are created in Kortho Image Generation Software (KIGS). KIGS can be installed on any Windows 95/98 PC, near the printer or in the office. KIGS is wysiwyg, you can see and adapt the image on your PC screen.

The created messages are transferred from the PC to the memory of the remote control and then downloaded to the controller, on site.

The Remote Control also gives access to the engineers mode of the controller, in which all print parameters are managed.

The regular parameters such as speed and position are adjustable directly on the controller. Without interrupting the printing, the operator can change various parameters in order to obtain optimal print quality.

The 18P has no moving parts, and is not depending on solvents. Maintenance is therefore reduced to a minimum.

In addition, the very economic use of ink guarantees extremely low costs per print.

The cost per print can be calculated in the KIGS, as well as the estimated number of prints.

The inksystem of the GraphicJet can be filled without interrupting the production process. Refilling is done clean, fast and simple with a disposable 200 ml ink bottle.

All these factors make the Kortho GraphicJet an ideal versatile stand-alone system.

The Kortho GraphicJet is a cost effective way of to realize high quality prints.

The Kortho GraphicJet 18PT is a twin head installation with one controller. The Kortho GraphicJet 18PT can print, for example, both sides of a box with different messages.

Or the two print heads can be used one one side of a box, with full flexibility of the print layout.



TECHNICAL SPECIFICATIONS

System:

Stand-alone High-Resolution Inkjet Printer

Printhead technology:

Piezo, 185 dpi resolution, 128 individual addressable dots

Throw distance: maximum 5 mm

Ink System:

250 ml capacity

Max. product speed:

40m/min

Voltage:

115/230 VAC ± 10%, 50-60 Hz, 3A

Dimensions:

Controller: 266 x 303 x 104 mm

Ink System: 190 x 75 x 100 mm

Printhead: 205 x 40 x 60 mm

Standard font: Helvetica

Character size: min. 1,5, max. 18 mm

Max. Printarea: 18 x 2000 mm (185 dpi horizontal)

Memory capacity:

Controller 256 KB

Remote control 128 KB

Ink:

Kortho Graphic Ink, oil based, non-toxic

Software:

Kortho Image Generation Software, running on Windows 95/98

Optional:

Encoder for automatic print adjustment

Alarm

Floor stand

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.

50% printexample (one head)

