

Kortho

GraphicJet

X-series

General GraphicJet X54

General Features

The GraphicJet X54 can operate **completely standalone**, generating variable label information entirely from its own internal printer functions and memory. An internal barcode generator and built in on-screen label management- and design software, done on the 8" full colour touchscreen TsC20-controller contribute to this. There is no need of an external PC.

Special Features

In addition, the printer also seamlessly **integrates into a network**, wherein the variable label information is retrieved from external databases through the network. The Kortho printers GraphicJet X-series has its own Windows printer driver.

This Windows driver goes beyond other standard printer drivers. It comes with a 100 % support from NiceLabel. This allows all auto codes (date, time , counters , etc.) created in NiceLabel to be generated by the printer. In addition, the printers work seamlessly with the wide spectrum of functionalities that NiceLabel software offers. By being able to manage labels with Nicelabel from any Windows based system, on the software side Kortho also creates a standard solution for custom coding needs.

In addition, at the front end, it is possible to customize the user interface, by which the entire Kortho printer fleet (Thermal transfer and Inkjet) can be controlled from. By only showing the relevant information on the screen and pre-setting all print job parameters, not only erratic coding will be prevented, but also a high user friendliness is guaranteed.

Through a seamless integration into your existing business structure Kortho provides a problem free solution for all coding and marking needs, now and in future.

Built in On-Screen label Design software (OSD)

Texts

Free to arrange grid with unicode fonts.

Automatic numbering

Batch codes, lot numbering, pallet counting, etc. in various forms of notation. Space for several numbering codes per label.

Automatic date & time coding

Best before date, production date and other date designations in various forms of notation Multiple date codes per label possible. Time in various forms of notation. Multiple time codes possible in one label.

Automatic shift codes

Up to 25 shift codes, definable over a maximum of 7 days. Multiple shift codes possible in one label.

Barcodes

With the built-in barcodegenerator all common barcodes are available such as: EAN8, EAN13, CODE 39, EAN128, UPCA, UPCE, CODE128, ITF, QR, Datamatrix, with adjustable height and module width. Multiple barcodes are possible in one label.

Graphic images

Logos can be imported in the TsC20 controller.

Free label layout

The GraphicJet X54 supports Unicode fonts. All codes can be freely placed within the design grid. (53,7 x 1.000 mm). Text or graphics can be aligned on a grid.

Print position and printing direction

Printing position (delay) can be adjusted in mm. Print direction can be set from left to right or right to left.

Speed

Printing speed is adjustable, from 0.4 m/min to 60 m/min. Optional speed encoder 0 to max 60m/min for variable speeds.

Internal memory capacity

42 mB for fonts, images and labels. Number of labels depends on the size.

External label management- and design software

The Kortho GraphicJet X54 is shipped with a free Windows printer driver. It comes with a 100 % Nicelabel support. All auto codes (date, time , counters , etc.) created in NiceLabel can be generated by the printer. The driver offers bi-directional printing and communication.

See also our special Nicelabel leaflet or at the Nicelabel website. Other third-party software with a Windows printer-driver compliance can also communicate with our driver.

kortho

GraphicJet

X-series

Technical specifications GraphicJet X54

System

- Multipurpose High Resolution Inkjet Printer.
- Full standalone use (on-screen label design + autcodes)
 - Full network integration (Windows driver)

Printhead technology

53,7 mm high Piezoelectric, 180 dpi vertical resolution, 382 individually addressable dots.

Controller

TsC20 controller 8" full-color touch-screen
Windows Compact 7 platform
Memory intern 42 Mb
Memory capacity: at least 200 labels with max. labelsize
Label upload/download via:
- USB access labelmemory
- Ethernet access printmemory
Label back-up functionality via USB
Screen orientation: Landscape
Start-up mode: Standby or Production.

Printhead distance from product

Maximum 3-5 mm.

Ink system capacity

400 ml.

Maximum printing speed GraphicJet X54

1-60 m/minute or
0-60 m/minute with external speed encoder.

Power

Input voltage: 100-240VAC
Frequency: 50 – 60 Hz
Power: max. 40VA
Inrush current: < 40A at 115VAC
< 80A at 230VAC

Print signal

Standard type NPN or PNP photocell, potential-free contact or a voltage between 5 - 30 VDC.

Operating temperature

10 - 40 °C.

Humidity

10% - 90%, non-condensing.

Main dimensions in mm (h x w x d)

Coding Unit: 322 x 183 x 495. Bracket included.
Controller: 203 x 258 x 153. Integrated bracket included.

Ink

Kortho Ink GJ3

Software

Windows printer-driver.
Nicelabel Designer Pro (optional).
Nicelabel Powerforms Desktop (optional).
Nicelabel Automation (optional).
Other third-party Labelsoftware (windows-driver compliance)

Optional

Speed Encoder for automatic print speed adjustment.
Alarm beacon.
Floor stand.

Interface

Signals:
Inputs: Print Request, Inhibit, Trigger,
BCD select label (optional),
Product detect (optional).
Outputs: Low ink, Ink out, Busy, General Alarm.

Programming and printing facilities

Languages in Tsc20: En,Nl,De,Es,Fr,Ru,Pl,Pt,Hu,Ar
other languages upon request.
On-Board Labeldesign (OSD)
Input labels in memory controller by USB.
Direct label printmanagement by Ethernet.
Nicelabel Labeldesign with extended functionality,
third-party software.
Nicelabel platform: multi-operating system environment.

