REA JET

REA JET GK

High Resolution Ink Jet Printers (Piezo)

REA JET GK
Multi-Purpose and Multi-Line

The ultra-high resolution large character ink jet printer for coding and marking on porous surfaces with a variable print height from 2 to 100 mm (4 inches).

Texts, barcodes and graphics, such as company logos or product images, can be printed in a vertical resolution of up to 256 pixels onto the packaging, effectively reducing costs as this solution provides for a flexible alternative to labels and pre-printed cardboard packaging.

Up to 42 text lines may simultaneously be printed with a single print head for the SKGK 768 and 21 lines for the SKGK 384 print head. Different barcode types and images may be freely combined. The solvent-free inks are particularly suitable for porous surface types and can even be used in the pharmaceutical and food industries where environmental concerns are a consideration.

Print Head

Ink Supply + Controller

High quality print results with product speeds of up to 200 m/min (650 ft/min.). The combination of the industrial environment-proven Piezo technology together with the robust system construction provides for high reliability even within the harshest and most rugged of industrial production environments.

The revolutionary new service module is a major breakthrough. The print heads equipped with this option are automatically cleaned, thereby reducing the maintenance efforts required to providing optimal system availability.

The REA-developed control software PrintCommander provides for a comprehensive and userfriendly system operation. The REA JET PrintCommander software incorporates all of the coding and marking functions with intuitive ease of use and is represented in a graphic user interface. Whether you wish to create or edit texts, control a REA printer via your computer network, select a print text or simply inform yourself about current print jobs which are in process, with the REA JET PrintCommander software all the functions are available in the popular standard Windows user interface.

The Windows environment makes operation simple and it is possible to utilize all the program features within a very short time.

Easy-to-use Operating Software

PrintCommander software (Server/Edit/Control):

- operation by means of an industrial PC* or an existing PC via local network
- Windows based, menu operated user interface

Supported printing features:

- controller with real time clock and variable calendar
- character orientation: normal, upside down, forwards, backwards
- variable distances between the characters and graphical elements of the printing text
- programmable counter
- logo function

Printable barcodes:

- Code 39
- 2 of 5 Int
- 2 of 5 IntP
- Code 128
- 2 of 5 IATA
- 2 of 5 Std.
- ITF-14
- UPC-E
- UPC-A
- EAN 8
- EAN 13
- EAN 128

Ink supply unit:

- ink supply unit provides for 125 ml and 500 ml ink cartridges
- special solvent-free inks
- interrupt-free ink cartridge replacement during printing process
- integrated cleaning system (maintenance module*)

Connectivity:

- ethernet 10/100 Mbit, RS 232/422 interface – serial
- 4 digital PLC in/outputs (additional 8, optional)
- alarm output

Print heads:

- SKGK 768/256, print height: 2–100 mm, max. 256 pixel, up to 42 text lines (5 x 5 matrix)
- SKGK 384/128, print height: 2–50 mm, max. 128 pixel, up to 21 text lines (5 x 5 matrix)

Print gap:

- 0,5–4 mm

Power supply:

- 85–265 V AC
- 47–63 Hz

Operating environment:

- operating temperature: +10 °C to +40 °C (50 °F to 104 °F)
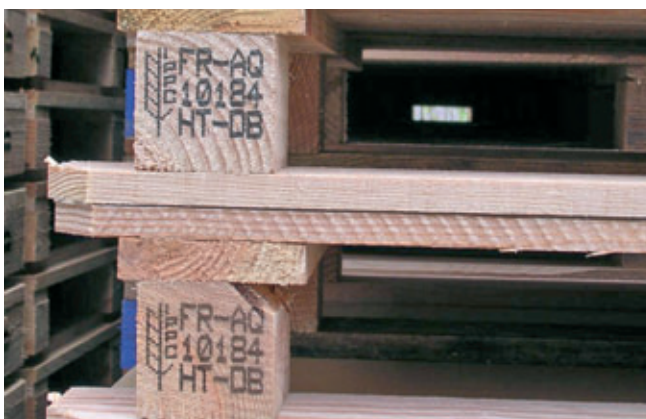- max. air humidity: 90 % non-condensing

Dimensions:

- controller with ink supply unit (L x W x H): 260 x 110 x 150 mm (260 mm with container for maintenance module*)
- print head SKGK 768/256: 155 x 55 x 155 mm
- print head SKGK 384/128: 125 x 50 x 100 mm
- power supply unit: 350 x 110 x 70 mm

Weights:

(print head with controller and ink supply unit)
- print head SKGK 768/256: 4200 g
- print head SKGK 384/128: 3700 g
- power supply unit: 2200 g

*optional

IPPC logo coding on wooden pallets

Marking of paper bags

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