KGK JET India
Subsidiary of KGK JET Japan
Since 1968

KGK JET HQC

Large Character Industrial Ink Jet Printer
For Secondary Carton Coding Application

| 3 Kg Body Weight | 32 Ch | 25.4 mm Print Height | All-in-one |

http://www.kgkjetindia.com/

In-Built Print-Head

Separate Print-Head

- **Lightweight / Compact**
- **Print 2-25.4mm Height**
- **Time Tested Oil Based Ink**
- **Inbuilt Product Sensor**

KGK JET HQC — Compact Carton Coding System

Height Adjustment Stand (optional accessories)

To operate mount directly on conveyer belt

Separate print-head model:
The head reservoir and main body are separated

➤ **Lightweight / Compact / Easy to use.**

➤ **Trouble-free installation with simple adjustments.**

➤ **Seamless integration with any production line.**

- Large LCD display for ease of operations.
- Large color-coded english alphabet key pad.
- User-friendly error free print content editing.
- Contemporary design, accomodate all accessories neatly in the body.

➤ **Feature pack, most economical & value for money**

- Fitted with sprit level indicator to avoid inclination.
- Inbuilt product sensing sensor.
- Possible to connect 3 external interface (Ready / Ink low / Alarm).
- Customised software to connect with customer ERP using communication cable.
- Available print function like Numbering, Auto calendar and Expiry date.

➤ **Reliable Print-head and Ink (Developed by KGK)**

- Fitted with print-head protection mechanism.
- In-House oil based ink delivers sharp & long lasting prints.
- Preventive mechanism in case of insertion of wrong ink bottle is adopted

Slant control

Customise character height with the change in
setting of print head angle.

Head reservoir and main body are attached as single unit.

➤ Host of feature available at your fingertips

- Master slave control, can be achieved between two HQC machines
- Loaded with features like Message switchover, Time/Numbering synchronization, Start/Stop switch-over and End process.
- Seamless integration with weighing machine for online weight printing.
- Quick message transfer from PC/PLC system through RS232 communication.

Print sample

Character height 10 mm (HQC)

0 1 2 3 4 5 6 7 8 A B C D E F G H I

Character Height 18 mm (HQC)

製造年月日 05.08.29 ABC
賞味期限 06.04.28

Character Height 25 mm (HQC)

KGKJET 41E369 200904 29

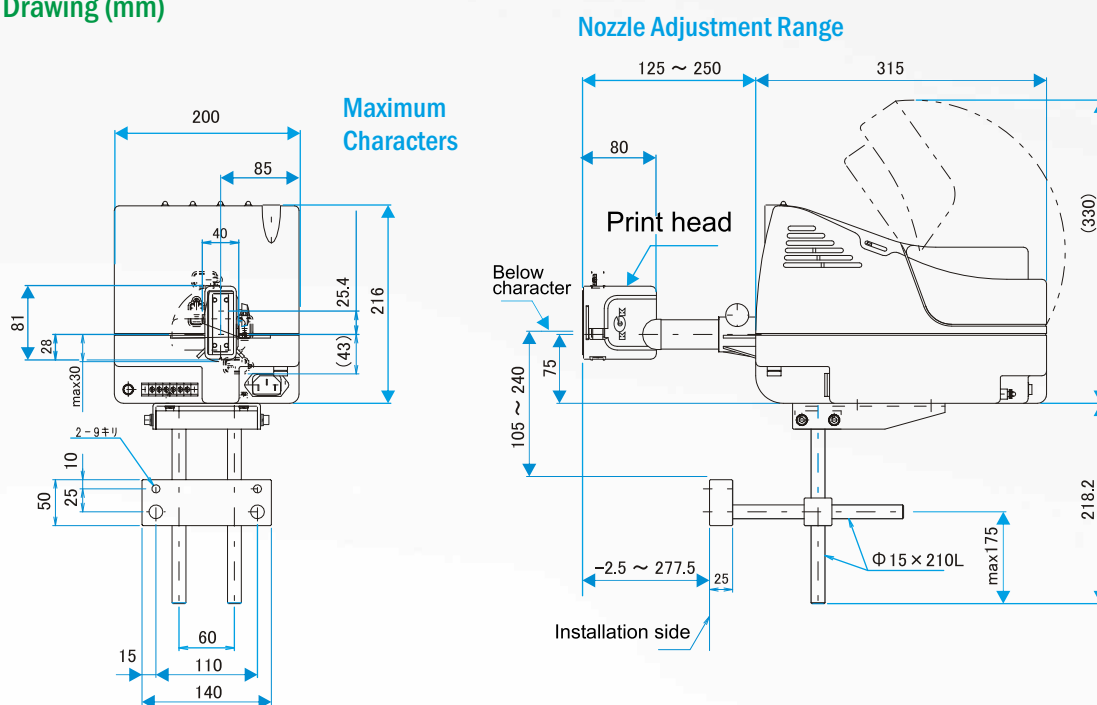## Lightweight /Compact /Easy to use

User friendly display screen and easy operation.
Main body weight is just 3 Kgs

Specifications

Item	HQC
Print method	Piezo Ceramics Operation on Demand
Corresponding maximum line speed	200m/minute, (Density 1) ~ 31m/minute (Density 9)
Nozzle array	32 nozzles, 2 holes/nozzle
Ink ejection	Side way only
Printing lines	2 lines
Character Height	1 - 20mm (slant control) 25.4mm (when vertical)
Head count	1 head
Ink type	CK Black / CK red
Inbuilt Accessories	Photo electric sensor (Head fixed type / External type), I/O Input
Number of printing stage	1 step (32x32 dots), 2 steps (16x16 dots)
Registered message count	30 messages
Character type	Alphanumeric/Symbol upto 48 characters (With standard setup) 96 characters (With special software setup)
Character font	Gothic (16 dot font is Bold and microscopic selection possible)
Date and Time print	Year (Western/Japanese Calendar), Month, Date, Time (12/24 H), Minutes, Free format, Offset value settings possible, Calendar character allocation function
Numbering	Maximum 8 digits, Up/Down, Repeat, Incremental value setting
Bar code	Not Available
Logo	Possible to load from PC
External Interface	I/O : Output 3 points (Ready / Ink low / Alarm)
Communication Port RS232	Data backup/Restore/Software version up-grade. Quick message transfer from PC/PLC system. Direct weighing machine interface through RS232 serial communication
Use environment	5° to 35°c, 10 to 80% RH (without condensation)
Power source	AC230V ± 10% 50HZ / 40W
Earth connection	D type earth connection

Dimensional Drawing (mm)

Maximum Characters

Nozzle Adjustment Range

Print head

Below character

Installation side

Φ15 × 210L

KGK Jet reserve the right to amend design or specifications without notice.

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KGKJET/CAT-HQC/2024V1