



Subsidiary of Kishu Giken Kogyo, Japan



KGK JET HQ8500 series

Drop on Demand Industrial Inkjet Printer
(Multi Head Control System)

One controller can connect 5 different type of heads.
Capable of printing in 4 different directions.

<http://www.kgkjetindia.com>

KGK JET HQ8500 series

Replacing labels and stickers,
Printing directly on cardboard





KGK JET HQ8500 series

Drop on Demand Industrial Inkjet Printer
(Multi Head Control System)



1200ch Head
Thermal Print Head
Resolution 600dpi
Print height max 49mm



2558ch Head
Piezo Electric Print Head
Resolution 600dpi
Print height max 108mm



384ch Head
Piezo Electric Print Head
Resolution 300dpi
Print height max 32.4mm



510ch Head
Piezo Electric Print Head
Resolution 180dpi
Print height max 70mm



256ch Head
Piezo Electric Print Head
Resolution 50dpi
Print height max 130mm



2558ch print head 108 mm/600dpi actual size



Replacing labels and stickers by printing directly on cardboard box

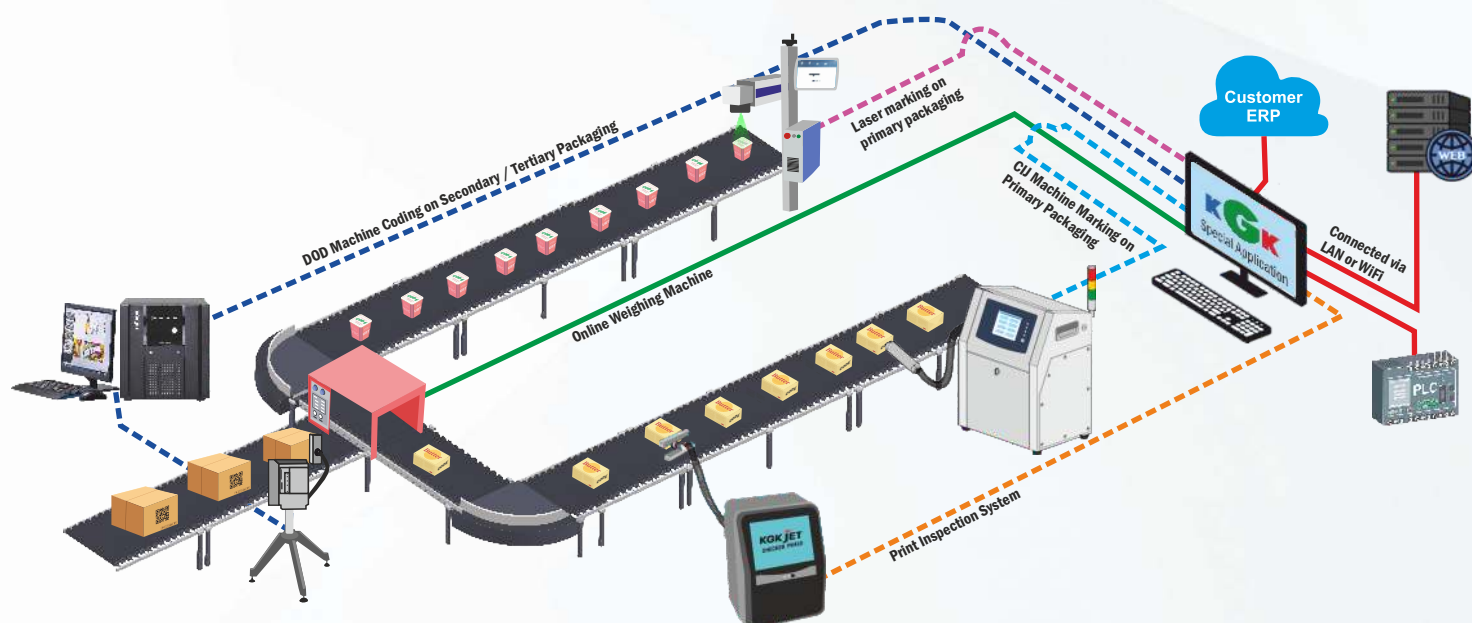


- Choose of 5 types of different print head as per your need.
- Maximizes operational efficiency by using single controller.
- Even saving peripheral space of the conveyor system can happen.
- One single controller will control up to four print heads.
- Simultaneously control high definition head and low definition head.
- Achieves high resolution printing with a head maximum print height of 108mm (600dpi).
- Significantly reduces inventory cost and space.
- Compatible with printing various barcodes, QR codes, Data Matrix and PDF417, GS1 barcode.
- Easily import image files & navigate using windows base interface.

Special Applications

Tailor-made solutions to increase operational efficiency and reduce production errors.

We offer wide range of customised special application software to integrate coding solution for primary, secondary & tertiary packaging. ERP system data access for coding with tailor-made solutions to increase operational efficiency and reduce production errors. E.g. marking variable QR code on packaging by accessing live data from customer ERP system.



Specifications

A Unique Print Controller for Multiple Number of Printing Head

Item	HQ8500
Number of Print Lines	No limit. (any lines you can print as long as the font size is within the appropriate range)
Number of Messages Stored	Up to 9,999 messages.
Printable Characters	Alphanumerical, signs, Japanese Hirakana, Katakana and Kanji and the fonts listed in the Windows fonts.
Date & Time Printing	Year (Christian calendar year or Japanese calendar year)/month/date/time (12/24 hours)/minute/second and day of the week.
Numbering	Up to 10 digits, up/down, repetition, increased value settable, zero-suppression, assigned character printing.
Barcode	ITF, Code39, Code128, NW-7, JAN/EAN, GS1 data bar.
2D Code	QR, Data Matrix and PDF417.
Graphics	Captured images in the BMP, JPG or PNG format, straight line, square line or circle line.
External Interface	USB memory, digital I/O, rotary encoder or RS232C and LAN.
Operational Environment	Required 5 to 35 degrees C, 10 to 80% RH with no dew condensation.
Power Supply	AC230V \pm 10%, 50/60 Hz and 1000W or lower.

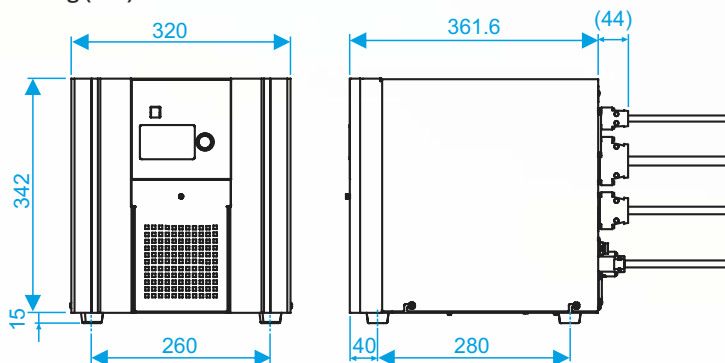
Printhead

Item	Head with 2558ch (Y2558)	Head with 510ch (S510)	Head with 1200ch (H1200)	Head with 384ch (R384)	Head with 256ch (K256)
Printing System	Piezo	Piezo	Thermal	Piezo	Piezo
Number of Heads	Up to 4	Up to 4	Up to 4	Up to 4	Up to 4
Print Height in mm	108	70	49.3	32.4	130
Number of Channels	2558	510	1200	384	256
Resolution in DPI	600	180	600	300	50 Printhead in upright position
Printing Speed in m/min	50	67	30	120	182
Ink Jetting Direction	Horizontal or Downward	Horizontal or Downward	Horizontal or Downward	Horizontal or Downward	Horizontal or Downward

Inks

Item	Oil Based	UV Curable	Water Based	Alcohol Based	Solvent Based Printing Styrofoam
Head with 2258ch (Y2558)	Black	Black, Magenta, Cyan and Yellow	NA	NA	NA
Head with 510ch (S510)	Black, Red and Blue	NA	NA	NA	NA
Head with 1200ch (H1200)	NA	NA	Black	Black	NA
Head with 384ch (R384)	Black	NA	NA	NA	NA
Head with 256ch (K256)	Black	NA	NA	NA	Black, Red, Blue & Green

Dimensional Drawing (mm)



* The controller may require a back space of some 250 mm for connection with a cable.

Specifications and design are subject to change without any notice



Subsidiary of Kishu Giken Kogyo, Japan

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