

## ● Specifications

【A Unique Print Controller for Multiple Number of Printing Heads】

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	alphanumeric, 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 set table, 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	AC100V ± 10%, 50/60 Hz and 1000W or lower

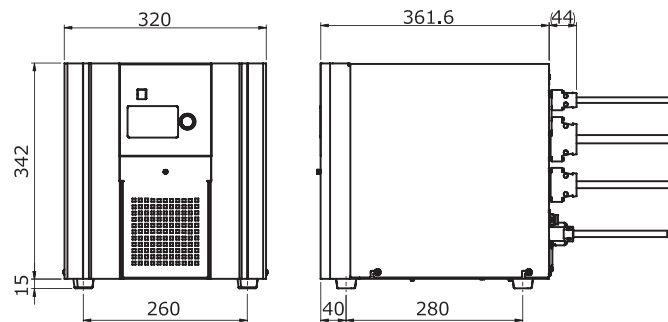
【Printhead】

	Head with 2558 ch (Y2558)	head with 510 ch (S510)	head with 1200 ch (H1200)	head with 384 ch (R384)	head with 256 ch (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	40	152
Ink jetting direction	horizontal or downward	horizontal or downward	horizontal or downward	horizontal or downward	horizontal or downward

【Inks】

	oil based	UV curable	water based	alcohol based	Solvent based, printing styrofoam
Head with 2258 ch (Y2558)	black	black, magenta, cyan and yellow	NA	NA	NA
Head with 510 ch (S510)	black, red and blue	NA	NA	NA	NA
Head with 1200 ch (H1200)	NA	NA	black	black	NA
Head with 384 ch (R384)	black	NA	NA	NA	NA
Head with 256 ch (K256)	black	NA	NA	NA	black, red, blue, green

## ● Dimensions



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

# KGK JET HQ8500

You will have options using piezo or thermal printhead with this HQ8500 printer.  
Up to four printheads can simultaneously be controlled by a single controller

<http://www.kishugiken.co.jp>



You have a choice of the best suited printing system for your specific application.

head with 2558ch (Y2558)



▲ Print height of 108mm realized – Highest level in the industry

head with 510ch (S510)



▲ Realized print height of 70 mm for 180 dpi is an ideal alternative to the use of labels.

head with 384ch (R384)



▲ Suitable for printing bar code or QR code Print height 32.4mm 300dpi

head with 1200ch (H1200)



▲ The four ink cartridges integrated with the nozzle of 12.7mm print height for 600 dpi covers the print height of 49.3mm.

head with 256ch (K256) for the printhead in the upright position



▲ Print height of 130mm achieved with 50 dpi resolution. The industry highest. Good for printing on the styrofoam substrate

head with 256ch (K256) for the printhead slantwise by 45 degrees



▲ Print height of 93mm achieved with 70 dpi resolution. with the printhead in slantwise position.



**KGK JET HQ8500** Multiple control system

### A single controller will do for up to the four printheads.

- Thus, the use of a single controller maximizes the operational efficiency.
- Even saving peripheral space of the conveyor system can happen.
- One single controller will control up to all four printheads.
- Even you can control simultaneously both the high definition head and the head of low definition.

2558ch

印字サイズ	最大 縦108.25mm x 横2.1m (600dpi)
ノズル配列	2,558ノズル 600dpi
印字速度	最大50.8m/分
ヘッド数	最大4ヘッド/1コントローラ
インク	オイルベース顔料系液体インク (黒)
機能	オートカレンダー ナンバリング グラフィック
バーコード	ITF、Code39、Code128、NW-7、JAN/EAN、GS1
2次元コード	QR、DataMatrix、PDF417、μPDF417

圧倒的印字高さ 108mm  
600dpiの高精細印字  
圧倒的印字高さ 108mm  
圧倒的印字高さ 108mm

073445073000

384ch 賞味期限 製造 食品 使用 袋 個 式 012 678 ABCD GHIJ MNO STU YZ?

Original size

**KGK 紀州技研**

256ch the printhead in the upright position

510ch

JANコード 1234567890128

QRコード カレンダー・ナンバリングを自動更新中

印字方式	ピエゾセラミックス駆動オンデマンド
ノズル数	500ノズル シングルホールノズル
印字サイズ	縦70mm 横2100mm
印字速度	67m/分(濃度1) 33m/分(濃度2)
ヘッド接続数	最大4ヘッド/1コントローラ
インク色	黒・赤・青・緑・朱 (オイルベース顔料)
印字対象物	段ボール、紙、木材、その他多孔
機能	オートカレンダー ナンバリング BMPファイル
バーコード	QRコード ITF JAN CODE39 EAN

256ch the printhead slantwise by 45 degrees

1ヘッドで印字高さ130mmまで

1ヘッドで印字高さ130mmまで

**KGK JET HQ8500 (256ch)**

- 業界最大級の印字高さ 130mm (ヘッド垂直時 50dpi) を実現
- 印字速度 152m/分に対応 (ヘッド垂直時 50dpi)
- スラント制御可能
  - 45°スラント制御時の印字高さは 93mm (70dpi)
  - 印字速度 107m/分に対応

Printing solution!