

## KGK JET JPT2600

New Generation Small Character  
Continuous inkjet printer



Max. Lines of print 6

IP54 Ingress Protection

Multi Stage Ink Filtration

5.7" Touch panel



High Speed &  
Compact printhead





# KGK JET JPT2600

High speed, reliable and space-efficient coding solution



**Improved design, superior printing function, a new generation P-type print head ensure stability and reliability in production performance.**

Ideal choice for coding on packaging for medicines, food, cosmetics, automobiles, mobile phone accessories and extrusion industries.

JPT2600 capable of coding maximum 6 lines, withstanding harsh environments making it ideal for printing on flat and curved surfaces on high-speed production lines.

Print date, batch number, graphics, logo, 1D, 2D bar code and other information on your packaging.

**New generation P-type print head**

Significantly reduce customer operating costs





### Automatic Nozzle Capping Technology

KGK Jet Patented Nozzle Capping Technology automatically closes the nozzle with gutter, if the printer is not in use. This safeguards ink from exposure to external environments and contamination, leading to significant savings for customers.



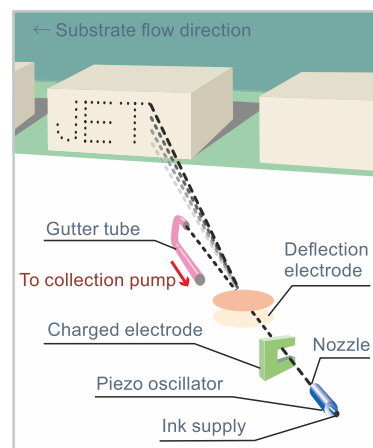
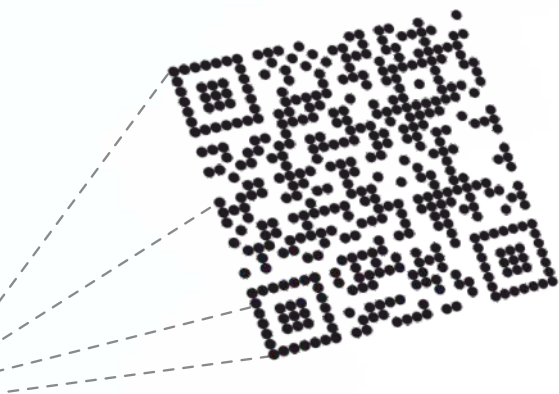
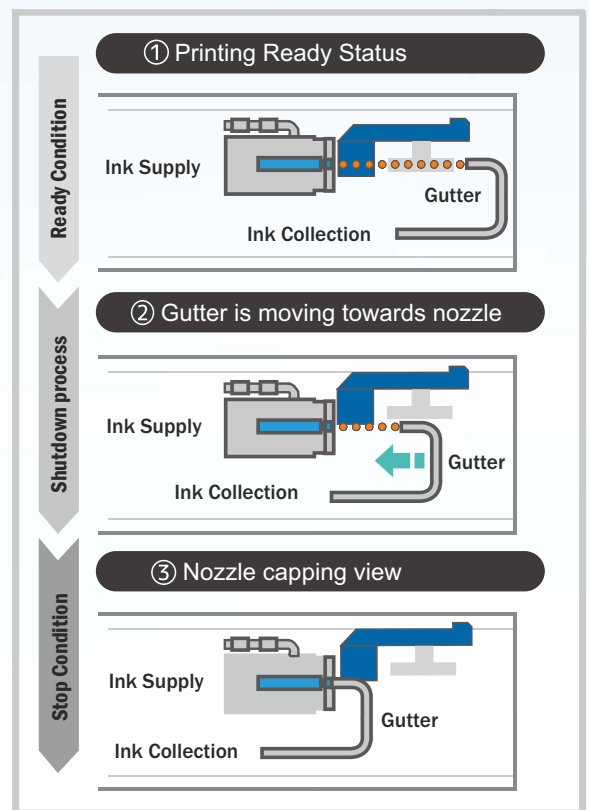
Printing



The recovery tank is in motion



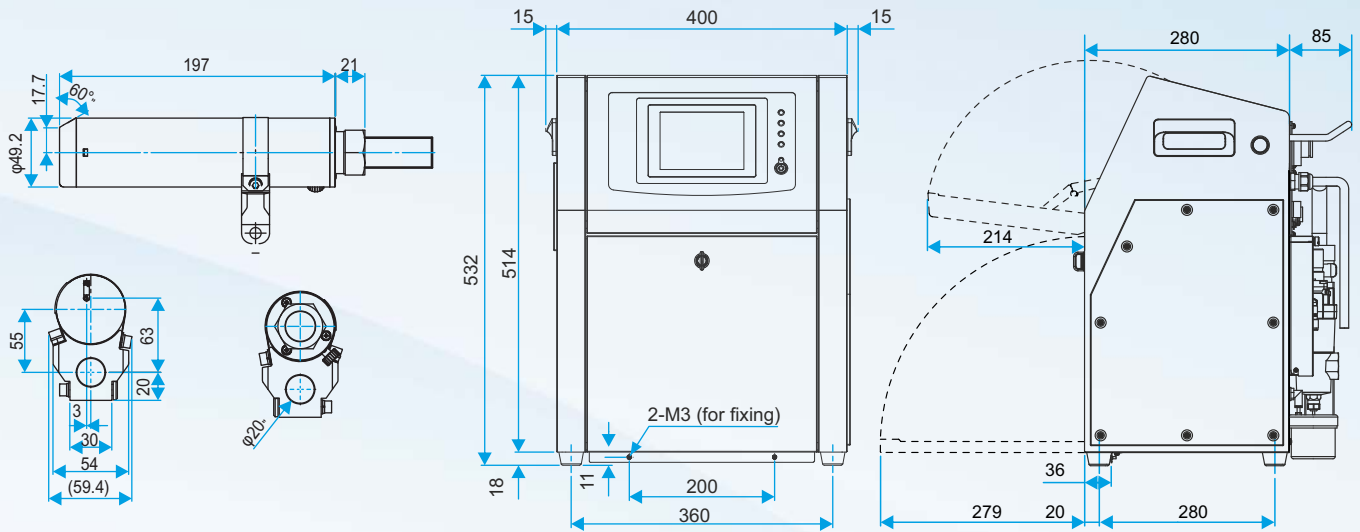
Nozzle seal



## Dimensional Drawing (mm)

Print Head

Controller



## Specifications

Model	JPT2600			
Specifications	JPT2600-D50	JPT2600-D40	JPT2600-P60	JPT2600-P40
Ink Type	Dye	Dye	Pigment	Pigment
Nozzle Diameter	50µm/ 60µm/ 50H µm	40µm/ 40H µm	50µm/ 60µm	40µm
Dustproof/waterproof	IP54			
RoHS	Compliant			
Operation interface	5.7 inch coloured LCD touch Screen			
Text Height	0.8~5mm (40mm) 1~10 mm (50mm) , 2~10mm (60mm)			
Max Printing Speed (Text/Second) (5x5 dot matrix, Text Spacing 1)	3200 (40µm), 2666(50µm), 2666(60µm)			
Number of printing lines and dot matrix	(1~6 Lines) 5x5, 5xN (1~2 Lines) 16x16, 16x12	(1~4 Lines) 7x5, 7x8, 7xN (1 Line) 24x18, 24x24, 32x24, 32x32	(1~3 Lines) 9x7, 9x9, 10x8, 12x10	
Number of message register	Maximum 999			
Number of message characters to register	Maximum of 4096 characters			
Character Type	Letters (upper/lower case), numbers, symbols, hiragana, katakana, kanji (JIS first and second), simplified Chinese characters (GB2312), user-customized fonts			
Date/Expiry Printing Function	Western calendar, year number, year, month, day, day of the week, time (12/24 hour format), the number of days in the whole year, the first, middle and last days of the weeks and months in the whole year (setting variable AM/PM, text replacement function (Year - month - day, hour, minute, second, week, up to 4~15 lines of other text can be replaced).			
Numbering Function	Maximum 10 digits, set any initial value, increment/decrement, set number of digits, zero elimination function (high-order zeros are replaced with spaces and aligned forward), number function (characters other than numbers can be replaced), and base system setting (2~36 hexadecimal)			
Distance Printing Function	Maximum 10 digits, can be edited separately (text inserted between numbers)			
Barcode	ITF, NW7, EAN, Code39, Code128, UPC, Code93			
External Interface	RS-232C, Encoder, USB			
QR Code	DataMatrix, QR code			
Data Entry Method	5.7 inch Touch Screen, RS-232C			
Usage Environment	0~40°C, 10~85%RH (no condensation)			
Power Supply	AC100-240V, 50/60Hz, 80 watts			
Weight	25KG			
Overall Dimensions (LxWxH)	Host: 400mm x 280mm x 532mm (excluding projection) Head: 049.2mmx197mm			
Ground	D Type Grounding			

# Superior performance significantly Improves production efficiency

Simple, efficient, stable, energy-saving and environmentally friendly

## Scheduler: Auto Start & Stop

The Scheduler feature of KGK Jet machine enables you to start using the machine instantly even after a prolonged shutdown.

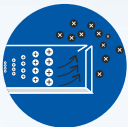


This feature ensures that ink is circulated at scheduled time and any potential blockage is avoided. Enabling customers to use the machine without having to wait for service engineer visit.



## Stable coding even in humid and dusty environment

New print-head design (P-type) for high-speed & legible coding. Also equipped with Fluorine coated nozzle, which protect print-head from contamination.



Positive air pressure inside the print-head, keeps dust and humidity out, resulting in no contamination of head and ink. Operators need not clean print-head before every start & stop.



## Superior printing function

A single nozzle has a maximum longitudinal marginal space of 36 dots which is flexible to meet special information compilation requirements. Customers can freely edit 1-6 lines of text, serial number, linear bar code QR/2D barcode as well as graphics & logo.



## Extended language support & Weighing machine connectivity

Language support for both software & hardware including English, Arabic, Chinese, Korean, Italian, German, Spanish, Iranian & Turkish.



Simple & convenient to integrate with on-line or off-line check-weigher machine of any brand through RS-232 with the support of weighing machine suppliers.

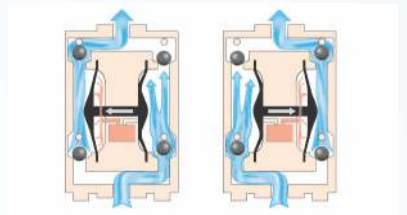


## Unique diaphragm pump advantage

KGK Jet's ink delivery system is powered by a diaphragm pump. These pumps are more efficient and reliable than geared pumps. A diaphragm pump component does not come in contact with ink and solvent this prevents fluid contamination.



Furthermore, these pumps don't generate heat through friction, which results in a more stable ink composition. With minimal ink and solvent evaporation and protection against ink contamination, the customer can achieve greater operational efficiency and savings.



## In-house ink development & production

KGK Jet has developed its own ink in response to the various needs of the market. In addition to regular inks, we manufacture Food Grade ink, UV ink/Stealth ink also.



## Tailor-Made intelligent data communication (On Request)

Easy integration with customer ERP system or database. Linked through customised special integration software which provide various access right, report generation as well as mailing report to concern team for continuous & batch production.



This in turn allows faster product setup and changeover times, and eliminates recalls and reworking caused by operator error.



# Service Management System (SMS)

## In-built value-added feature which triggers for a service request

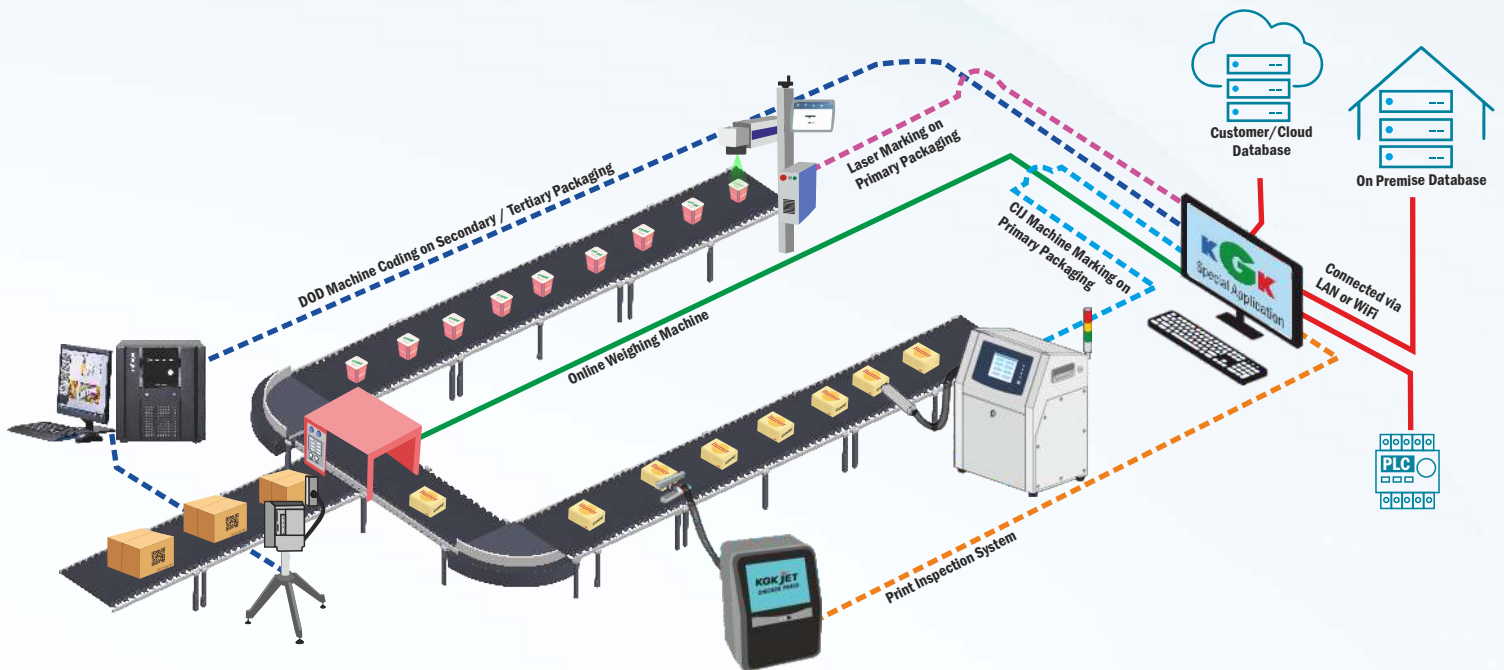


SMS is an integral part of KGG Jet's commitment to machine reliability, and is an added benefit to the CIJ machine through timely preventive maintenance, increased uptime, and decreased operational expenses.

### Key Benefits

- Proactive Maintenance for maximum uptime.
- Proactive customer support.
- Remote assistance for operators'.
- Alerts for consumables and spare part replacements.

## 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. Customer's 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.



Subsidiary of Kishu Giken Kogyo, Japan

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