

## KGK JET

UV Laser Marking Machine

- Air Cooled
- Water Cooled



low HAZ



highspeed



ultraviolet



air cooled



water cooled



0.01  
mm

min line width

upto

# 10W

UV Laser Marking  
Machine

<http://www.kgkjetindia.com>





## High-Contrast UV Laser Marking

### HIGH DEFINITION

Possible to create small detailed geometric shape with utmost precision.

### HIGH CONTRAST

UV laser delivers sharper contrast even on harder plastic.

### VERSATILITY

Mark and engrave logos, any graphics, design, alphanumeric, serialisation, barcode, datamatrix.

### TRACEABILITY

Product traceability is forever guaranteed, anti-counterfeiting marking is permanent and resistant to environmental abrasion.

### SPEED

Fast processing and unparalleled quality with speed upto 18000mm/s

### EFFICIENCY

UV laser does not require ink, solvent and has high service life.

### EASY LINE INTEGRATION

Designed to accommodate in existing production line with minimal modification.



UV Laser Marking Machine ( Air Cooled)



UV Laser Marking Machine (Water Cooled)





## Feature-Rich & Easy-to-Use UI

### MULTI-LANGUAGE SUPPORT

Both software & hardware language support for English, Arabic, Japanese, Chinese, Korean, Italian, German, Spanish, Persian & Turkish.

### INTERFACES

User friendly, simple and highly responsive user interface.

### COMMUNICATION

Encoder Port, Photo Cell Port, Signal Light Port, I/O Signals. Also available USB, RJ45, SD card & Ethernet for seamless communication.



### Pharma Packaging

Create readable marks on heat-sensitive products with less waste for superior traceability.



### Electronic Components

355 nm wavelength pulsed UV fiber laser gently marks even the most delicate components, due to Low Heat Affected Zone (HAZ) created on substrate.



### On Site Support

KGK Jet pan India on-site support team are highly trained and experienced technicians.

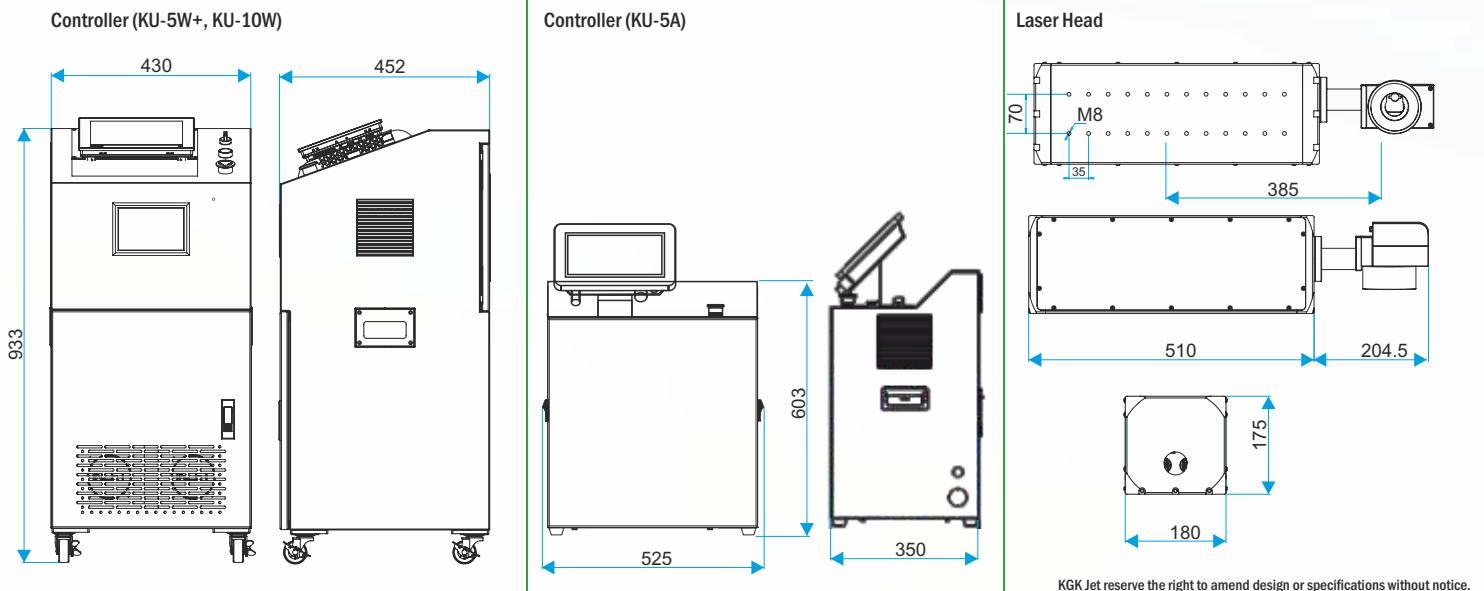
## Specifications

UV Laser Marking Machine

**KGK JET**

Item	KU-5A	KU-5W+	KU-10W
Casing Material	Control cabinet : Stainless Steel Marking Unit : Aluminium Alloy		
Working Distance	130mm - 400mm ( Depends on application)		
Marking Field (mm)	70x70, 110x110, 150x150, 200x200		
Marking Speed	<13000 mm/s	<18000 mm/s	<18000 mm/s
Line Speed	0~240 m/min (related to material and content)		
Minimum marking Line Width	0.01mm		
Repeated Precision	0.01mm		
Laser Type	Nanosecond UV laser		
Optical Output Power	5W	5W	10W
Laser Wavelength	355nm		
Cooling System	Air Cooled	Water Cooled	Water Cooled
Screen Size	10.4 Inch Color LCD Touch Panel		
Operator Interface	Graphic touch-control system based on Linux		
File Type	PLT, AI, DXF, PNG, JPG, BMP		
Barcode Type	CODE128, CODE39, CODE93, PDF417, ITF14, Code bar, OR, DM , Hanxin, Aztec		
Marking Mode	Marking-on-the-fly, Static marking, Pipeline marking		
Trigger Type	Photoelectric trigger, Pedal trigger, Internal trigger		
Marking Line Type	Vector graphics, dot matrix		
Font Type	Single Line, Double Lines, Dotted Font, True Type Font		
Language	English, Japanese		
Switch	Key switch, Power start button, Emergency Stop		
External Interface	<b>Control Cabinet:</b> Encoder port, Photo cell port, Signal light port, IO port <b>Touch Panel:</b> USB, RJ45, SD		
Communication	Ethernet TCP/IP ,I/O signals available for marking status and interlock control		
Electrical requirements	220V AC, 50Hz, 8A	220V AC, 50Hz, 10A	220V AC, 50Hz, 12A
Power Consumption	500W	800W	1000W
Operating Temperature	15-40°C		
Dust & Water Proof	IP54		
Humidity	5%-80% (non-condensing)		
Net Weight	50Kg	80Kg	82Kg

### Dimensional Drawing (mm)



**KGK JET India**

Subsidiary of Kishu Giken Kogyo, Japan

### KGK Jet India Private Limited

#### Head Office / Works

Plot No: A-29, SIPCOT Industrial Growth Center, Oragadam, Sriperumbuthur, Kancheepuram, Tamil Nadu 602105, India

✦ marketing@kgkjetindia.com  
✦ info@kgkjetindia.com  
✦ www.kgkjetindia.com

**Region North:** 11, Ground Floor, Bhutani Techno Park , Plot No. 5 Sector 127, Tower-B, Sector 127, Noida, Uttar Pradesh 201301

**Region East:** PS QUBE, Unit No- 604, 6th Floor, Plot Number: II D/31/1, Street No: 1111, New Town, Action Area-II D, Kolkata, West Bengal 700156

**Region South:** Plot No: A-29, SIPCOT Industrial Growth Center, Oragadam, Sriperumbuthur, Kancheepuram, Tamil Nadu 602105

**Region West:** 610, B-Wing, Lodha Supremus, Kolshet Road, Thane West, Mumbai, Maharashtra 400607

+91 78239 71747  
+91 98403 42033  
Sales

+91 44 6714 1234  
+91 78239 70635  
Tech Support