











## About us

Yes Mark is an Indian brand, offers Variable data coding solutions to apply identification marking such as variable dates, traceability codes, logos and batch code on most of the material of surface quality of printing delivered using the latest automatic monitoring system simplicity of setup service and operation through an easy to use menu system. Powerful and flexible print option. The Yes Mark give the performance with a low cost of ownership.

## Functions of Y8210



-  **Print Height**  
1.8mm-15mm
-  **Print Height**  
10.1 Inch Color
-  **Port**  
USB Port & Ethernet Cable
-  **Aviation Connector**  
Reliable aviation connector
-  **Icon Guide Operation Interface**  
Intuitive icon guide operation interface, friendly printing experience
-  **Printing Data**  
Hindi, Bengali, English, Number, Production Date, Lot No., Bar Code, Image/Logo, Expiry Date, Counter, Shift etc
-  **New Printerhead**  
New Printhead Design, more reliable and Stable, easier to adjust
-  **Auto Cleaning**  
Cleaning pump will push cleaner into gunbody to ensure nozzle and gutter clean and avoid ink streamline problem while start jetting next time.

## Features of Y8210



- 10.1 Inch full colour touch screen with solvent resistant screen guard
- Spill proof cartridges protected with RFID insures no mess, no spillage
- 18 Months warranty
- Filter module with upto 6000 running hr life (2 Year Life)
- Upto 5 line of high quality print from multiple data sources





## Hardware Features

- Service module filter change interval 6000 hours or 24 months for dye based ink
- 4000 hours of 12 months for soft pigmented inks
- Hardware configuration 4 core CPU, main frequency 1.4 GHz, standard 1 GB ram
- 8 GB EMMC PROTOCOL - MODBUS standard industrial protocol
- 10.1 inch colour touch screen with tough solvent resistance guard
- Robust, flexible 3 meter conduit for static and moving print head applications
- Durable gear pump, separate diaphragm pumps for ink and makeup addition (3 pumps)
- DIMENSION - main controller 370mm-310mm 510mm
- print head: 230mm\* 44mm\* 41mm\*

## Software Features

- Can print 1 to 5 lines of print with max speed of 285 m/min
- QT software 10.1 inch LVDS high resolution (1280\*800) big touch screen with tough solvent resistance guard, simple operation experience on new user friendly interface
- SOFTWARE UPDATE - simple remote update of software with latest function
- Multi language menu and keyboard, English, Arabic, Russian Japanese and Persian, etc. New QT system very easy to add any language.
- WYSIWYG onscreen message /logo editing with drag and drop field positioning
- Single start stop button to ensure correct shutdown and reliable startup
- Graphical user interface and messages available in Multiple languages

## Improved Hydraulic System and Printhead

- Intelligent hydraulic system guarantee well- sealed ink and makeup
- Throw distance - 30-35 mm from print head to surface
- Aviation connector for photocell, encoder and beacon
- RUGGED STAINLESS STEEL PRINTHEAD - suits almost all the general purpose applications and does not require frequent cleaning
- Ease of access all the parts and print head for any service if required 750ml mistake proof ink and makeup cartridges.
- No expensive components. No external air supply. No module and No special tool require to run or to maintain.

## Connections

- Product detector
- Shaft encoder second product detector External single-stage alarm output (24v) with multi Stage alarm option
- USB
- Ethernet
- Dual alarm output (Volt-free and 24V output) (option) RS232 (option) and Parallel/O (option)



## D100 Series DOD Large Character Inkjet Printer



D100 series large character inkjet printer adopts high reliable Drop-On-Demand ink-jet solenoid valve technology. Reliable, strong and durable performance can meet the needs of various industrial coding. The printer can work normally in a variety of harsh environment, such as dusty, wet, vibration environment. The high precision technology makes reliable performance and minimal maintenance.

### Printer Head



The nozzle uses wear-resistant and durable gem material, which makes the dot of the jet more round and can be used for a long time. The print head can be rotated to achieve to print different characters and different fonts.

### Ink System



The design of stable and durable internal pump can make the printer work without air source. White ink machine has automatic stirring system to prevent the pigment ink precipitation.



### Main Hardware



High integration of the industrial level of the new motherboard works fast and stable, which can be better to deal with the extremely harsh environment

### External Interface



With grade of IP68, the interface not only supports RS232, network interface, but also the count output, information control and other functions.

## Printing Parameters

Print Head Duct	3m/6m
Nozzle Specification	80u 120u 150u
Printing Height	7dots: 5-28mm 16dots: 5-64mm 32dots: 5-128mm
Printing Distance	3-30mm
Printing Lines	1-4 lines
Printing Speed	63m/min
Counter	More than 20 independent counters
Ink Color	Black, White, Blue, Green, Yellow, Invisible
Ink Type	MEK based, Water based, Alcohol based, Acetonyl, Pigment
Font	5×6L 7×6L 7×10L 9×8L 9×11L 11×11L 12×12L 16×16L 24×24L 32×32L 11×11B 12×13B 16×16B 24×24B 32×32B
Printing Material	Carton, Plastic, Metal, Boarding, Pipe, Stone, Glass, Electronic components, Industrial chemical packaging, Paint surface and other permeable and non-permeable surface
Print Content	Text, Time, Date(Julian Year), Logo, Shift, SN, Dynamic Barcode/QR Code, Dynamic Serial Data, Dynamic Database(Additional content can be added as required)

## Machine Parameters

Operating System	Embedded Linux security operating system
Display Screen	7 inch color display, industrial touch screen
Communication Interface	Network port, USB, RS232
Protection Level	IP65
Power Parameters	Input 100-240V AC
Rated power	150W
Memory	256M
Machine Material	304 stainless steel
Machine Specifications	296mmx296mmx490mm(Length-width-height)
Working Environment	Temperature 0-45°C/ Humidity 30-70% Rh
Related Certification	CE RoHS, FCC
Net Weight	16kg
Main Hardware	American TI AM3358 industrial grade CPU, American Xilinx Spartan-6 industrial grade FPGA
External Interface	Optical sensor, Encoder, Signal light alarm output, Serial number control and transport, External printing information selection and flipped
Support Language	Support more than 40 national languages (Chinese, English, Arabic, Danish, German, Russian, French, Finnish, Korean, Japanese, Spanish, Italian, etc.)

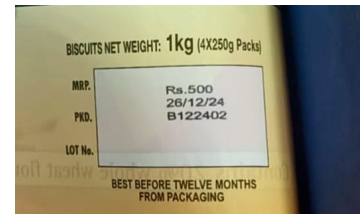
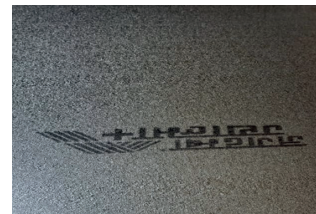
## More Reliable and Professional Hardware

Use of Cortex-A7 1.2GHz dual core industrial grade processor, self developed industrial grade FPGA. More stable, reliable and anti interferences in various conditions rendering the printing a unique experience, The print engine uses TIJ dedicated ASIC chip, a perfect match for a variety of original and licensed HP Inks. professional Cartridge preheat algorithm to ensure optimum print quality at high end low temperatures and environments.



## More Powerful and Smarter Software

Intelligent embedded Linux operating system provides a professional and more user friendly interface. Embedded powerful drop consumption algorithm that allow instant calculation of cost per print. Powerful variable functions of the 2D Code to meet the today growing customers' demand. Efficient and flexible variable database functions to meet various applications requirements for product traceability.



Machine	Operating System	Embedded Operating System
	Main Hardware	Cortex-A7 1.2GHz dual core processor industrial grade FPGA chip
	Communication Interface	RS-232
	External Interface	Encoder, Fiber Sensor.
	Supported Languages	Italian, English, French, Finnish, Arabic, Danish, German, Russian, Norwegian, Portuguese, Spanish, Japanese.
	Power Supply	30Volts 1.5 Amps DC output
	Body Material	ABS metal (stainless steel)
	Dimension	controller: 136mm x 87mm x 36mm; printhead: 114mm*82.8mm*27.3mm
Working Environment	Temperature: 0-45 degree	

Printing Head	Nozzle Type	Thermally Foamable Head TIJ2.5
	Print Accuracy	150DPI / 300DPI / 600DPI
	Print Height	Minimum 1mm / Maximum 12.7mm
	Print distance	1mm to 2mm
	Print Contents	Multi language Characters, 2DCode, Barcodes, Images, Serial Numbers, Date, Counters, Variable Database, RS232 to receive real data to print
	Printable Substrates	Cardboard, Plastic, Metal, Cables, Electronic components, Auto Parts, Industrial Chemical packaging, Pharmaceuticals and more.
	Ink Type	Aqueous or Solvent based 42ml Cartridges CISS
	Ink Color	Black, White, Red, Yellow, Blue, Green, Stealth, UV readable
Cartridge Chip	Contactless RFID tags for automatic identification and recording ink parameters and consumptions	



## Fiber Laser Marking System



KF200 Fiber Laser Marking System combines high precision fiber laser tube and advanced galvanometer scanner, equipped with 10 inch color touchscreen, integrated with photoelectric sensor and mobile height-adjustable floor stand. With reliable and utmost precision laser beam, our Fiber Laser Marking System is ideal to engrave metals and some non-metallic materials, and second-to-none for industries with particular requirements of sharp, very smooth and fine coding.

**Laser Life:** Very long expected laser source life extended 25% up to 100,000 hours.

**Substrates:** Easy to engrave metals, non-metallic harder materials and flexible packaging.

**Stable Performance:** Excellent air cooling system to ensure stability during high-efficient marking.



Color touchscreen user interface



High quality fiber laser tube



## UV Laser Marking Machine

UV laser has a shorter wavelength than infrared and visible lasers, so it has an absolute leading advantage in the field of micro machining, especially in the processing of heat-sensitive materials. UV laser has a higher absorption rate and stronger energy, which can be more effective in the microscopic level directly destroys the chemical bonds, so as to achieve the best processing efficiency and results. UV lasers can be widely used in non-metal packaging, glass and cable industries to achieve customized requirements such as marking QR codes, cutting, and rapid proofing.



Color touchscreen



N0-1Y04 Semiconductor end pump



Water Cooling



## KC300 Series

### Marking on White Material

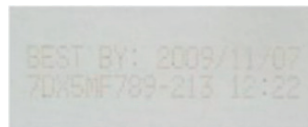
Kc300 series laser marking machine can perfectly code on white materials. as high contrast coding requires higher energy, 30W is recommended for marking on white material.

### Marking Features

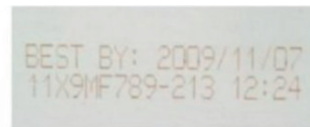
Text format: 2 lines up to 20 digits

Font Height: 3mm

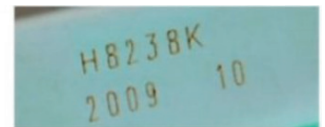
Ambient Temp: Max 40 C



KC-300SR  
Laser Wavelength: 10.6 μm



KC-320SR  
Laser Wavelength: 10.2 μm



KC-360SR  
Laser Wavelength: 9.3 μm

### Marking on Glass

The Kc300 series lasers are suitable for coding on glass materials. The choice of the three products depends on the coding requirements: information format, quality level and productivity. The coding contrast may vary depending on the type of glass and the microcrack effect.

## Marking Features

Text format: 2 lines up to 20 digits

Font Height: 3mm

Ambient Temp: Max 40 C



**KC-300SR**  
Laser Wavelength:10.6 μ m



**KC-320SR**  
Laser Wavelength:10.2 μ m



**KC-360SR**  
Laser Wavelength:9.3 μ m

Model	KC-300SR	KC-320SR	KC-360SR
Laser Tube	CO2 Laser(Full Sealed RF-excited metal tube)	Synrad Laser Tube	Synrad Laser Tube
Laser Wavelength	10.6 μ m	10.2μ m	9.3μ m
Laser Beam Deflection	Hi-Precision Galvanometer Scanner	Hi-Precision Galvanometer Scanner	Hi-Precision Galvanometer Scanner
Power Supply	500W-1000W (220V)	500W-1000W (220V)	500W-1000W (220V)
Marking Feild	50X50-175X175mm	50X50-175X175mm	50X50-175X175mm
Production Line Speed	<200m/min	<200m/min	<200m/min
Marking Content	Chinese,English,Number,Graphics,etc	Chinese, English, Number, Graphics,etc	Chinese, English, Number, Graphics,etc
Cooling System	Air Cooling	Air Cooling	Air Cooling
Ambient Temp	0-40°C	0-40°C	0-40°C
Operating Temp	0-60°C	0-60°C	0-60°C
User Interface	10 inch TouchScreen	11 inch TouchScreen	12 inch TouchScreen

## UV laser Marking System

### Model

KUV03C/05C

### Laser Type

ND:YVO4,Semiconductor end pump

### Laser Beam Deflection

Hi-Precision Galvanometer Scanner

### Marking Format

Standard Auto CAD industrial fonts, Vector Icon format of Graphics,Signs,Symbols,linear, circular, Angle,etc.

### Production Line Speed

≤80m/min 0.04mm

### Marking field

50mm\*50mm~175mm\*175mm(standard 110mm\*110mm)

### Marking Speed/Focus

≤10000mm/s 115mm~250mm

### Power Supply

<500W(AC220V 50HZ)

### User Interface

10 inch color touchscreen/Handheld,PC(optional)

### Cooling System

Water Cooling

### language

English, German, Japanese, Korean, Portuguese, Spanish, simplified Chinese etc.

### Marking Content

Chinese,English,Number,Graphics,Date,Time,Series Number, Standard CAD linear font, customizable extension.

### Rated Power

3W/5W/10W

### Marking Lines

Any lines within marking field

### Laser Wavelength

355nm  
0.003mm

### Environment

Ambient Temp: 0°C~40°C  
Operating Temp: 0°C~60°C

