

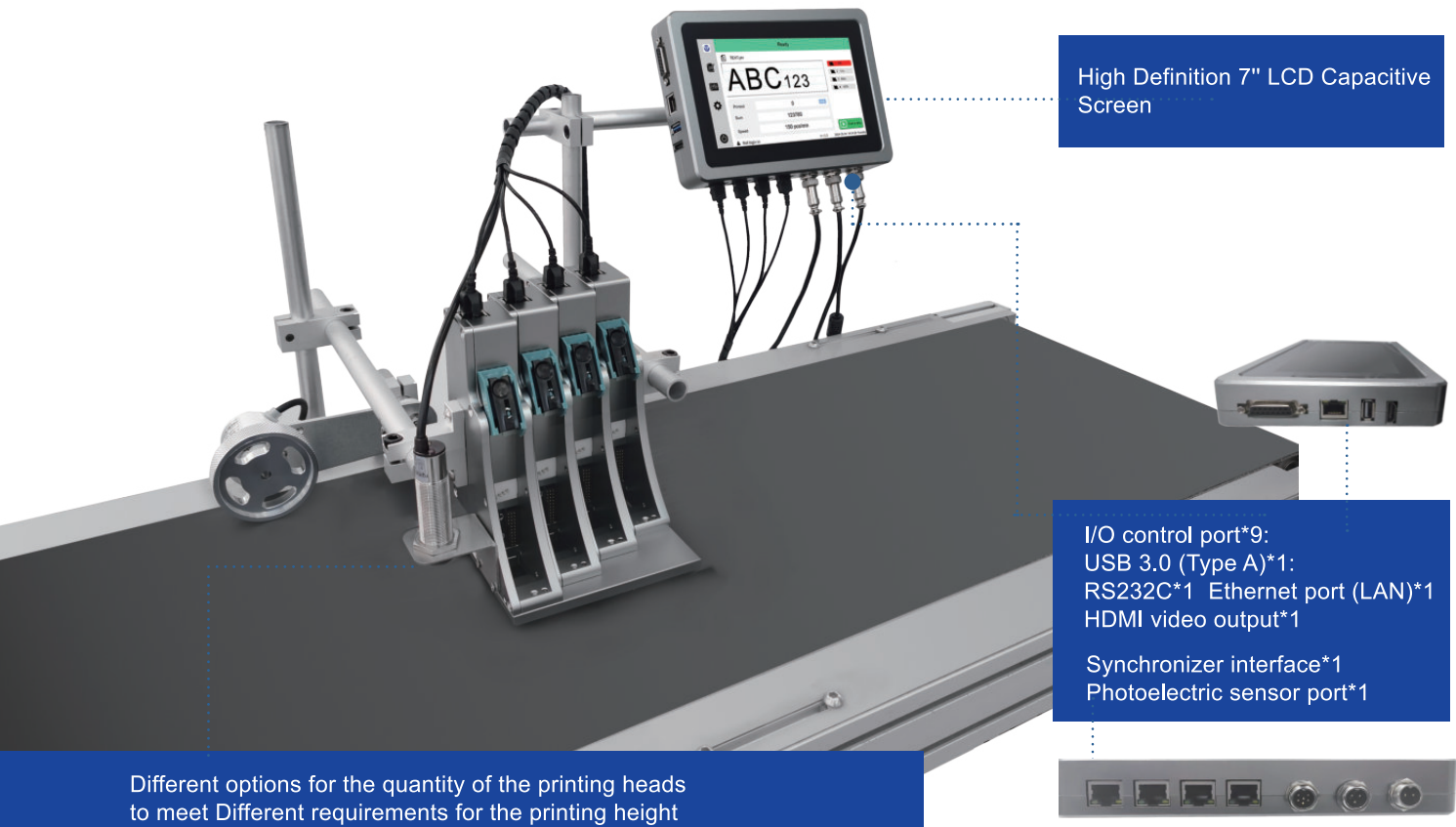


## ALL SERIES OF CODING SYSTEM PRODUCT INTRODUCTION

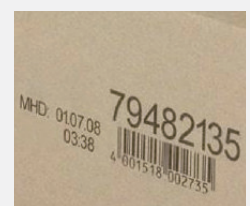
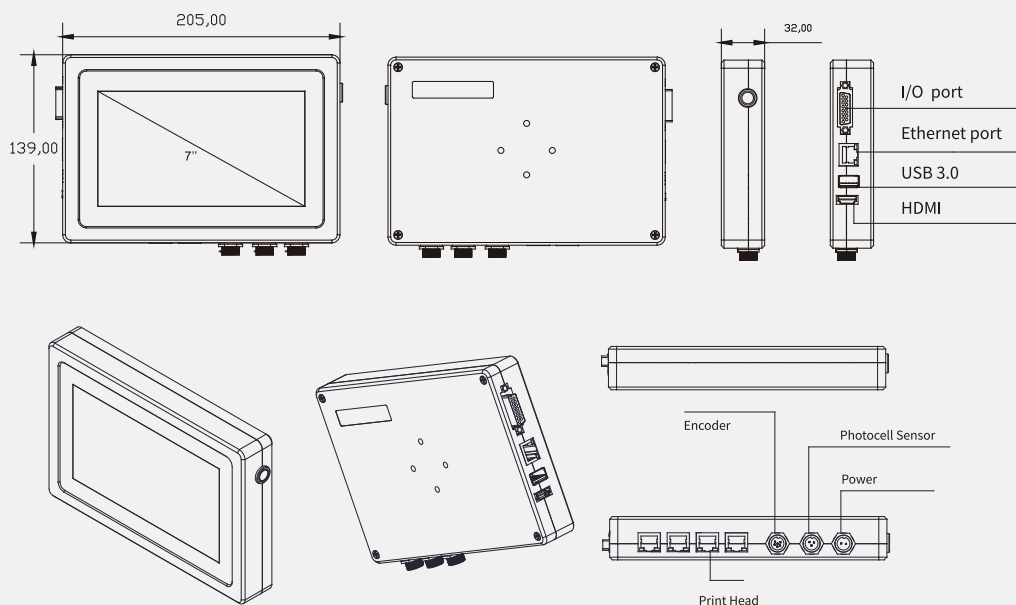


PROVIDES YOU WITH PROFESSIONAL CODING SOLUTIONS  
BAUMANN AUSTRALIA PTY.LTD.

# VELOCITY VEX series



## Product Dimensions



# Velocity Intelligent Online Inkjet Printer

**01** | Ultra-high-speed printing, supporting **300+M/Min** QR code printing

Replace ink cartridges **in real time** for uninterrupted production

**03** | **Self-developed software** system can realize various customized functions and rapid demand response

Can be **connected to a computer** monitor to edit and print content

**05** | **Ink cartridge detection**, parameter data recording, ink level recording

**Gigabit Ethernet transmission** more stable signal, the network cable can be extended

**07** | **Rich IO control ports** can achieve complex production line linkage printing requirements

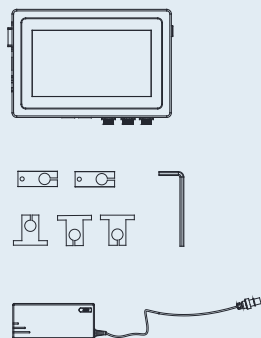
Can project the working status of the inkjet printer **onto a large screen display**

## Product advantages

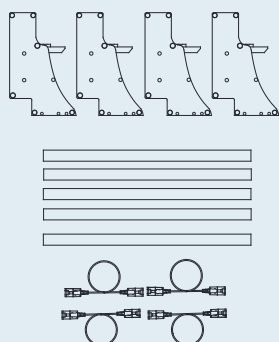
## Accessories List

Name	Quantity
1.Controller	1
3.Cable	(1-4)
5.P ower cord	1
7.Bracket	1
7.Other accessories(U disk, stylus, tool screws, etc)	

Name	Quantity
2.Printing heads	1-4(on demand)
4.Power adapter	1
6.Photocell sensor	1
8.User manual	1



Main accessories



Accessory

# Velocity Intelligent Online Inkjet Printer

## Basic parameters

## Printing parameters

Model	Velocity Vex2	Velocity Vex4	Printing DPI	Vertical maximum 600dpi (adjustable), horizontal maximum 600dpi (adjustable)
Number of nozzles	1-2	1-4	Printing speed	Maximum clarity<75 meters/minute, <b>maximum speed&gt;300 meters/minute</b>
Controller weight/dimensions	/		Printing concentration	Can individually edit and control the ink output of the selected object
Maximum printing height	12.7mm/25.4mm	38.1mm/50.8mm	Printing distance	2-5mm can ensure the best printing quality
Machine material	aluminium alloy		Ink cartridge chip	HP original chip, automatically calculates and recordsink level, adaptive pulse width
Display	7-inch high-definition capacitive screen 1024 * 600		Ink management	Automatically identify ink model, adjust optimal parameters, and estimate ink usage
Operating System	Linux system		Ink cartridge type	HP2.5 technology ink cartridge
Processor	4 Core		Applicable ink cartridges	Water based/solvent based/UV curing ink
Storage Information	4GB		Nozzle connection cable	Standard 1.5m, customizable: 5m, 10m, 15m, 20m, 25m, 30m

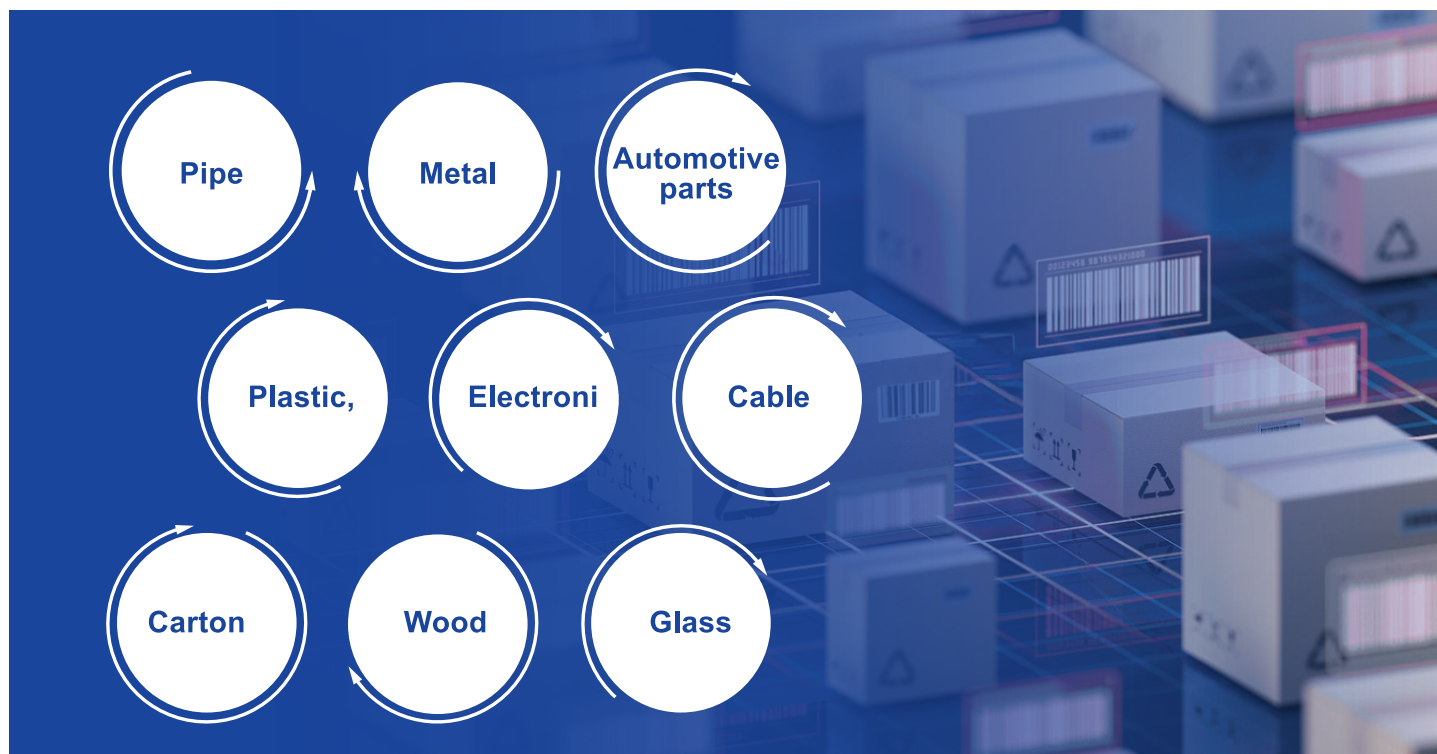
## System information

Support font types	Built in font, custom font	Graphic code type	("Code 39", "Code 93", "Code 128", "CodeBar", "UPC-A", "UPC-E", "ITF14", "EAN8", "EAN13", "EAN14", "QRcode", "Data Matrix", "GS1-code128", "GS1-DMcode", "GS1-QRcode")
Date format	Customizable according to habits	External interface	1 power interface, 1 photoelectric sensor, 1 Synchronous encoder, 1 USB interface (expandable), 1 HDMI interface, 1 Ethernet interface, 1 serial RS232 interface, 8 I/O communications, 1-4 nozzle controls
Support database types	TXT	Input interface type	Input x4, output x5
System counter	1-8 bits, can set the number of repetitions, step size, current value, start value, and end value, can be associated with I/O ports		
Operation permission management	Default Level 3: Unregistered, Administrator, Operator		
Synchronous encoder	Suitable for single ended or differential encoders, with adjustable encoder diameter and pulse width parameters; Also supports analog signal input		
Photoelectric sensor	Suitable for various types of optical eyes, supporting analog signal input		
Language / Input Methods	Simplified Chinese, Korean, English Can be added according to customer needs: Thai, Vietnamese, Russian, Japanese, German, French, Italian, Spanish, Portuguese, Turkish, Arabic, Persian, Hebrew, Greek, Czech, Polish, Finnish, Hungarian)		
Power parameters	AC100-240V, 50/60Hz Output: DC24V 2.5A 60W standard power supply	Working environment	Temperature 0-45 ° C humidity 30-80% Rh

● Ink Color:Black, White, Red, Blue, Yellow, Green, Invisible, UV

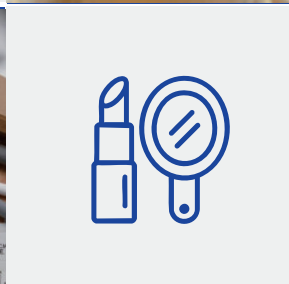
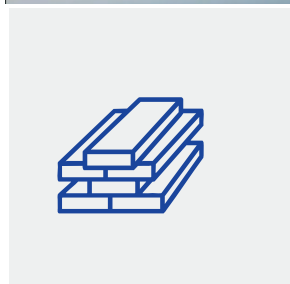
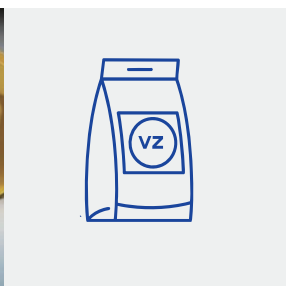


# Velocity Intelligent Online Inkjet Printer



## SAMPLE

Based on the original inkjet printer, the Velocity intelligent online inkjet printer has enhanced ink dot control to adapt to more inkjet fields and inkjet ranges.





# UF SERIES

## UV laser marking machine

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### Simple

10-inch touch  
editing WYSIWYG



### Intelligent

Smart Rich IO interface  
realizes intelligent  
production line control



### Stable

Highly integrated modular  
design for easier installation  
and maintenance



### Efficient

Built-in speed self-test  
system for easy productivity  
evaluation



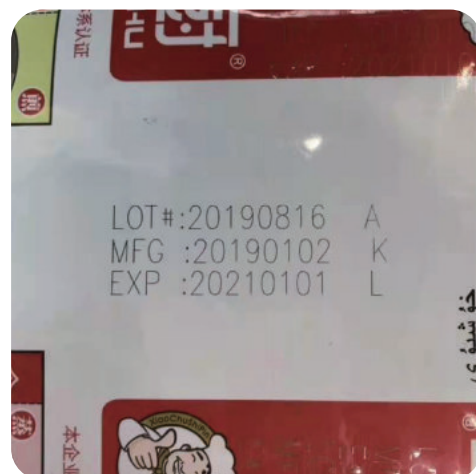
UV laser marking machine	
Model	UF03 / UF05 / UF10
Laser power	3W / 5W / 10W
Laser type	Ultraviolet solid-state lasers
Wavelength	355nm
Cooling method:	Water cooling
Marking type	Text, time, counter, random code, logo, barcode, QR code, image
Operating system	Linux
Support language	English, Russian, Korean, Thai, German, customizable local language
Marking software	Star Dance laser marking software
Product speed monitoring	Synchronizer or synchronization signal
Product detection input	NPN / PNP / 12V sensor
Transfer port	RS232, USB, Network Port
Power requirements	Single phase, 100-110V / 220-240V, 50/60Hz, < 600W
Machine weight	Laser machine part: 18kg, flight stand part: 30kg
Applicable industries	Pipe, food, beverage, medicine, cosmetics, etc.
Applicable materials	PVC, HDPE, ABS, soft food packages, plastic caps, glass, etc.



HDPE bottles



Glass



Plastic bags

## CF SERIES

### Co<sub>2</sub> laser marking machine



#### Simple

10-inch touch editing WYSIWYG



#### Intelligent

Smart Rich IO interface realizes intelligent production line control



#### Stable

Highly integrated modular design for easier installation and maintenance



#### Efficient

Built-in speed self-test system for easy productivity evaluation



Co <sub>2</sub> laser marking machine	
Model	CF40
Laser power	40W
Laser type	Sealed-off modulated-pulse CO2 RadioFrequency laser
Wavelength	10600 nm,(Optional 10200nm or 9300nm)
Cooling method:	Air Cooling
Marking type	Text, time, counter, random code, logo, barcode, QR code, image
Operating system	Linux
Support language	English, Russian, Korean, Thai, German, customizable local language
Marking software	Star Dance laser marking software
Product speed monitoring	Synchronizer or synchronization signal
Product detection input	NPN / PNP / 12V sensor
Transfer port	RS232, USB, Network Port
Power requirements	Single phase, 100-110V / 220-240V, 50/60Hz, < 600W
Machine weight	Laser machine part: 14kg, flight stand part: 30kg
Applicable industries	Pipe, food, beverage, medicine, cosmetics, etc.
Applicable materials	Wood, leather, fabric, glass, PVC, PET, paper box and carton, etc.



**PET bottles**



**Painted metal**

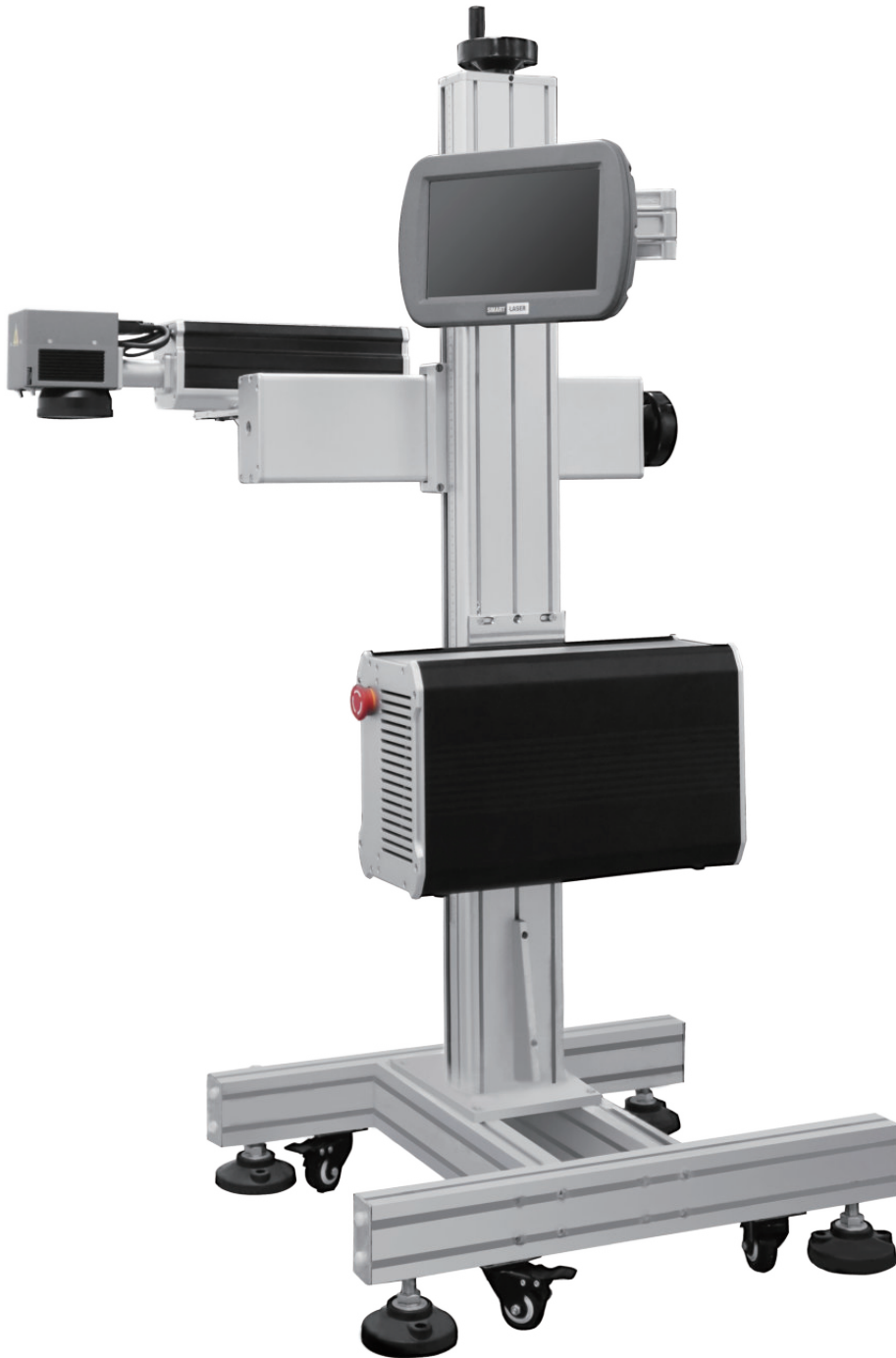


**Cartons and cardboard**

# GF SERIES

## Fiber laser marking machine

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### Simple

10-inch touch editing WYSIWYG



### Intelligent

Smart Rich IO interface realizes intelligent production line control



### Stable

Highly integrated modular design for easier installation and maintenance

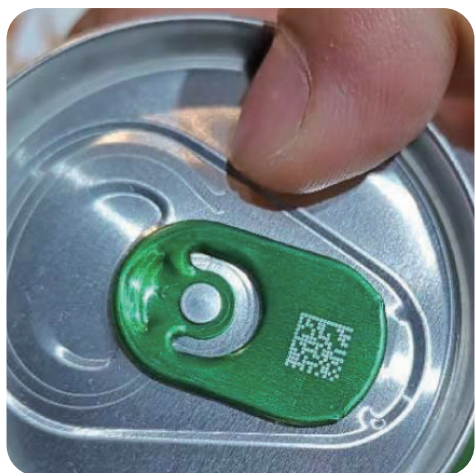


### Efficient

Built-in speed self-test system for easy productivity evaluation

## Fiber laser marking machine

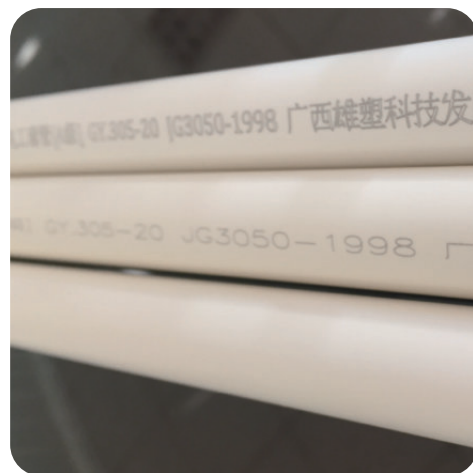
Model	GF20 / GF30 / GF50
Laser power	20W / 30W / 50W
Laser type	Q-Switched Pulsed Fiber Lasers (Optional MOPA Pulsed Fiber Laser)
Wavelength	1064nm
Cooling method:	Air Cooling
Marking type	Text, time, counter, random code, logo, barcode, QR code, image
Operating system	Linux
Support language	English, Russian, Korean, Thai, German, customizable local language
Marking software	Star Dance laser marking software
Product speed monitoring	Synchronizer or synchronization signal
Product detection input	NPN / PNP / 12V sensor
Transfer port	RS232, USB, Network Port
Power requirements	Single phase, 100-110V / 220-240V, 50 / 60Hz, < 400W
Machine weight	Laser machine part: 20kg, flight stand part: 30kg
Applicable industries	Pipe, building materials, food, beverage, medicine, cosmetics, etc
Applicable materials	PVC, PE, ABS, cable, metal casing, food soft packaging, etc



Easy pull cans



Packaging bags



PVC water pipes

# T SERIES

## Handheld inkjet printer



T10



T10Pro



T50



**Easy to carry**  
Integrated portable design



**Easy to edit**  
Touch editing, WYSIWYG



**Free to print**  
Adapt to various printing surface

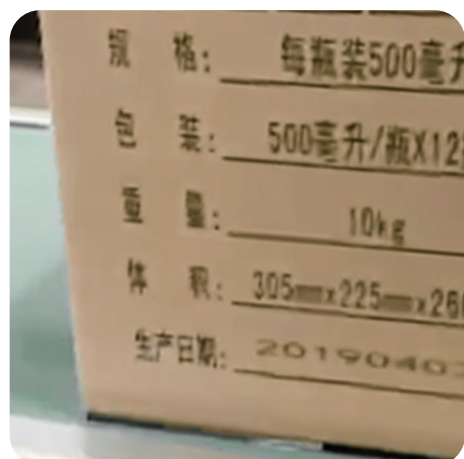


**Free to choose nozzle**  
Freely choose according to printing height



## T Series handheld inkjet printer

Model	T10 / T10pro / T50
Printing technology	Thermal ink jet
Print height	T10:12.7mm / T10pro:25.4mm / T50:50.8mm
Printing resolution	Maximum 300 x 300 DPI
Printing distance	Best Quality With 2-5mm
Operating system	Linux
Screen	4.3 inch full color LCD touch screen (272x480 px)
Support language	English, Russian, Korean, Thai, German, customizable local language
Printing content	Text, Time, Counter,Image, BarCode, QRCode, DMCode, Variable Data
Battery capacity	T10:12.6V 2000mAh / T10pro, T50:14.8V 2600mAh
I/O ports	USB, Sensor
Material	PP + ABS (anti-static adhesive material)
Power requirements	Input: AC 100-240V 50/60Hz 0.25A, Output: DC 16.8V 1A, < 20W
Weight	T10:1120g / T10pro:1120g / T50:1120g
Dimension	T10:242*120*125mm / T10pro: mm / T50: mm
Working environment	Temperature:10°C-45°C, Humidity: 5%-85%RH



Cartons and cardboard



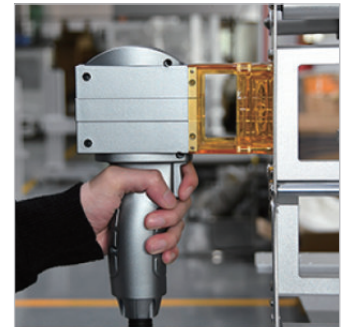
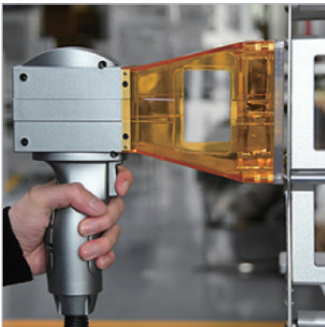
Wood



Invisible anti-counterfeiting

## TL SERIES

### Handheld fiber laser marking machine



#### Easy to carry

Compact laser marker,  
easy to carry



#### Easy to edit

7-inch touchscreen, WYSIWYG  
editing to meet marking needs



#### Long battery life

Optional 8800mAh battery  
pack for convenient outdoor work



#### More flexible

Multiple marking ranges to adapt  
to various marking applications

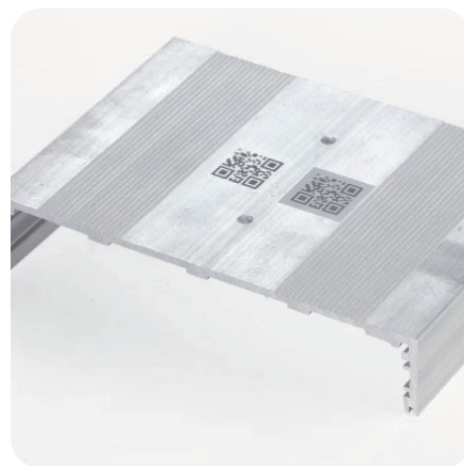
Handheld fiber laser marking machine	
Model	TL20M / TL30M / TL50M
Laser power	20W / 30W / 50W
Laser type	MOPA Pulsed Fiber Laser (Optional Q-Switched Pulsed Fiber Lasers)
Wavelength	1064nm
Cooling method:	Air Cooling
Marking type	Text, time, counter, random code, logo, barcode, QR code, image
Support language	English, Russian, Korean, Thai, German, customizable local language
Operating system	Linux
Marking software	Star Dance laser marking software
Marking area	100mm x 100mm, (Optional 50mm x 50mm)
Transfer port	USB
Size	Controller part: 325*79*151mm, Handle part: 300*196*255mm
Machine weight	Controller part: 6800g, Handle part: 1400g
Power requirements	Single phase, 100-110V / 220-240V, 50 / 60Hz, < 300W
Applicable industries	Hardware, molds, steel structures, aluminum, plastics, etc.
Applicable materials	PVC, PE, ABS, aluminum, steel, iron, metal casing, etc.



**Mold steel**



**Automotive parts**



**Steel structure profiles**

## DF SERIES

# Desktop fiber laser marking machine

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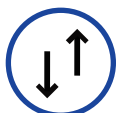
### MINI laser head

Compact laser head, the print head is the laser source



### Powerful software

Windows software, traditional editing methods, more user-friendly



### Electric lift

Stepper motor drives Z-axis movement



### Easy to expand

Can expand to mark cylindrical objects with rotating axis



## Desktop fiber laser marking machine

Model	DF20 / DF30
Laser power	20W / 30W
Laser type	Q-Switched Pulsed Fiber Lasers (Optional MOPA Pulsed Fiber Laser)
Wavelength	1064nm
Cooling method:	Air Cooling
Marking type	Text, time, counter, random code, logo, barcode, QR code, image
Support language	English, Russian, Korean, Thai, German, customizable local language
Marking software	BSLCAD (Optional : EZCAD / BJJ CZ)
Software support system	Support WinXP / Win7 / Win8 / Win10, 32/64 bit operating system
Marking area	150mm x 150mm, Area size customizable
Marking area location	Double red dot focusing, Red light scanning of marking path
Size	440mm x330mmx63mm
Machine weight	14.5kg
Power requirements	Single phase, 100-110V / 220-240V, 50 / 60Hz, < 400W
Applicable industries	Hardware, molds, medical instrument, plastic, metal, packaging, etc
Applicable materials	PVC, PE, ABS, metal casing, electroplated casing, etc.



**Aluminium alloy**



**Stainless steel**



**Plastic**

## JG SERIES

### Desktop fiber laser marking machine

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#### MINI laser head

Compact laser head, the print head is the laser source



#### Powerful software

Windows software, traditional editing methods, more user-friendly



#### Visual marking (optional)

Selecting visual marking software can complete the automatic positioning and marking of products



#### Easy to expand

Can expand to mark cylindrical objects with rotating axis

## Desktop fiber laser marking machine

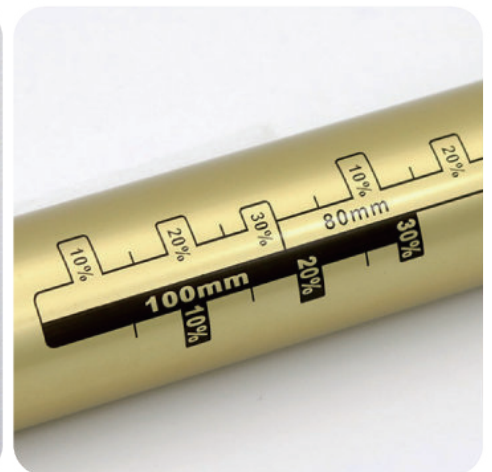
Model	JG20 / JG30 / JG50 / JG80 / JG100
Laser power	20W / 30W / 50W / 80W / 100W
Laser type	Q-Switched Pulsed Fiber Lasers (Optional MOPA Pulsed Fiber Laser)
Wavelength	1064nm
Cooling method:	Air Cooling
Marking type	Text, time, counter, random code, logo, barcode, QR code, image
Support language	English, Russian, Korean, Thai, German, customizable local language
Marking software	BSLCAD (Optional : EZCAD / BJJ CZ)
Software support system	Support WinXP / Win7 / Win8 / Win10, 32/64 bit operating system
Marking area	150mm x 150mm , Area size customizable
Marking area location	Double red dot focusing, Red light scanning of marking path
Size	650mm x 650mm x 1420mm
Machine weight	55kg
Power requirements	Single phase, 100-110V / 220-240V, 50 / 60Hz, < 500W
Applicable industries	Hardware, molds, medical instrument, plastic, metal, packaging, etc
Applicable materials	PVC, PE, ABS, metal casing, electroplated casing, etc.



**Metal**



**Plastic key**



**Metal discoloration (mopa)**

## APPLICATION CASES

### LASER Plastic, Glass, Metal, Packaging boxes, etc



PET



Metal bottle caps



Metal parts



HDPE tube



Alumina



Easy pull cans



Glass



Plastic bottle caps



Packaging boxes

### TIJ Face mask, Packaging bags, Wood, Cartons, etc.



Face mask



Eggs



Packaging bags



Metal parts



Plastic parts



Packaging boxes



Wood



Cartons



Batteries




Provides you with professional coding solutions

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