

# Cable Laser Marking Machine



## 1. Features

1. No ink and free maintenance;
2. Adopting the fifth-generation special laser control system for cable to meet all the functions required by the wire and cable industry. The operation is extremely easy.
3. The words spacing can be adjusted in real time without stopping the marking to solve the problem of inaccurate marking distance during the marking process;
4. The marking contents can be forced to change during work, and another group of contents can be quickly switched;
5. The wire codes can be changed in just 1 second and the loss of the wire will be less than 100mm;
6. Using 10-inch industrial touch screen;
7. The serial number (meter value) can be cleared quickly.
8. It has the anti-misprint system with QR code scanner: The QR code scanner is connected to the system -- The order information generates QR code -- Using the QR code scanner -- The content will directly displayed in the system to generate the printing contents without the second input to prevent mistake.

## 2. Technical Parameters

Series (Light source)		LTG series (Fiber)		LTC series (CO <sub>2</sub> )		LTU series (UV)
Packing		Net weight: 95kg  Gross weight: 110kg  Size: 1650mm*600mm*670mm		Net weight: 100kg  Gross weight: 115kg  Size: 1650mm*600mm*670mm		Net weight: 110kg  Gross weight: 130kg  Size: 1650mm*820mm*750mm
Main models		LTG-200S/  LTG-300S	LTG-300L	LTC-300M	LTC-600M/  LTC-800H	LTU-350LL/  LTU-360M
Laser		MAX (Shenzhen Maxphotronics)	MAX (Shenzhen Maxphotronics)	USA Coherent	USA Coherent or USA Synrad	JPT/AOC
Laser power (W)		20/30	30	30	55/70	5
Laser wavelength (nm)		1064	1064	10600	10600	355
Repetition frequency (kHz)		20-80	20-80	1-200	1-200	30-200
Galvo scanning system		China	Germany Scanlab or better scanning galvanometer			
Lifetime of laser (h)		100000	100000	30000	30000	20000
Operating mode		Industrial touch screen				
Printing color		Pale-yellow or light white		Yellow		White/black
Suitable materials		Black (PVC, XLPE, PE, TPU, LSZH, Fluoroplastic) and metal		PVC and rubber (But not silicone rubber ) in all colors, partial TPE materials		Fluoroplastic, rubber (Including silicone rubber), PVC, XLPE, LSZH, TPU, etc.
		Note: The marking effect shall be subject to the final sample test due to different materials and formulations.				
Meter counting accuracy		3‰				
Max. marking speed (m/min)	Double-line word	60	80	60	80	80
	Single-line word	120	150	100	150	150
	Code	180	280	180	500	280
	Note: The marking speed is subject to the final sample test due to the influence of printing content (font size, word spacing) and material's light absorption performance.					
Cooling method		Air-cooling	Air-cooling	Air-cooling	Air-cooling	Water-cooling
Power supply		220V, 50Hz/60Hz, 10A				
Power regulation		10%-100%				
Marking types		Chinese, English, numbers, symbols, patterns, single-line characters, multiple language fonts, dot matrix characters, images, LOGO, arbitrary vector graphics, and thousands of built-in fonts, automatic serial number, batch number, real-time time, random code, one-dimensional code, QR code, etc.				
Marking fonts		Including all TTF fonts, and hundreds of special fonts for laser marking (Including 3 types of dot matrix fonts). You can also make your own special font library.				
Interface		Ethernet, USB, RS232 connect controller, TCP/IP can communicate with the upper computer instantly, accept the control of the control center at any time, and accept the data information sent from the control system at any time for marking.				
Operating system		The fifth-generation special laser control system for cable (With the function of wire				

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	code marking).
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### 3. Introduction of three series: LTG (Fiber), LTC (CO2), LTU (UV)

#### 1. LTG series: Optic fiber laser marking machine

##### 1.1 Machine picture and size

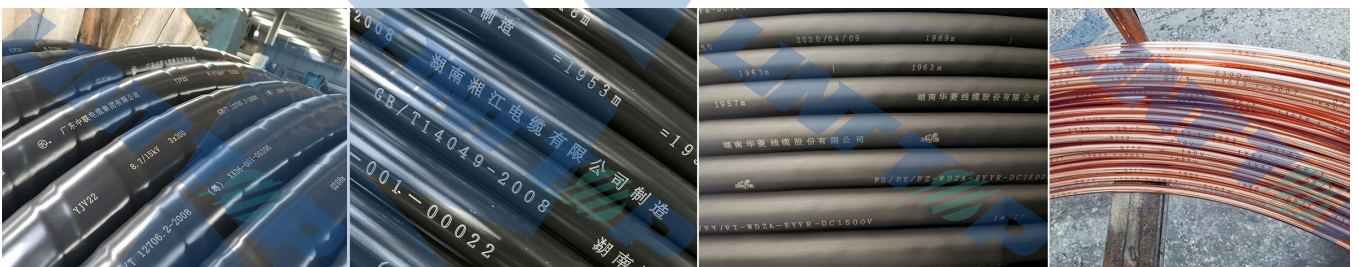


##### 1.2 Use site of LTG series machine





### 1.3 Marking effect of LTG series machine (Black PVC,Black XLPE, Black LSZH, Metal (Copper))



## 2. LTC series: CO2 laser marking machine

### 2.1 Machine picture and size

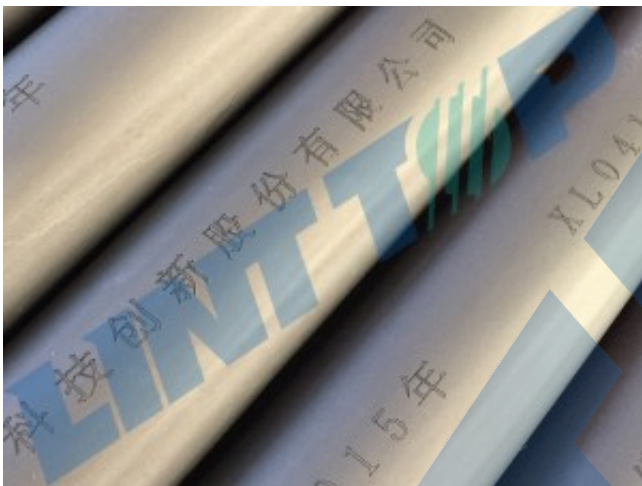




## 2.2 Use site of LTC series machine



### 2.3 Marking effect of LTC series machine (Black Rubber, Red rubber, Various PVC)





### 3. LTU series: UV laser marking machine

#### 3.1 Machine picture and size



#### 3.2 Use site of LTU series machine



### 3.3 Marking effect of LTU series machine (Fluoroplastics, Silone Rubber)





Product link : <https://www.linttop.com/cable-laser-marking-machine.html>