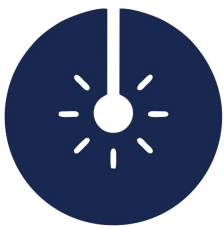


FIBRE LASER MARKING MACHINE



high Precision
high Quality



energy-saving
environment-friendly



PRODUCT DESCRIPTION

High-contrast marking on hard materials possible

Fibre laser coders are designed to meet the needs of medium or high speed production lines for marking hard, high density packaging materials such as metal parts, electronics housings, wires and cables, cans and plastic bottle caps.

Marking speeds of up to 9m/s (final speed depends on the material and the content of the mark) and a wide range of working distances from 110-275mm can be selected by the user to work better within the physical constraints of the production line.

High-power fibre laser markers are ideally suited to highly abrasive products such as engine components, ball bearings, braking systems and extruded products and cables, where clear mark contrast and durability ensures that the code remains legible throughout its entire life cycle.

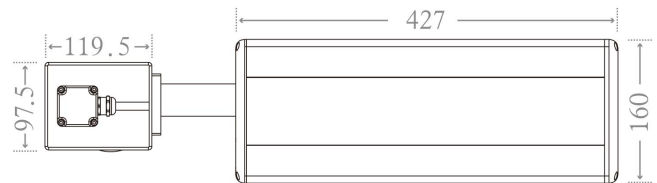
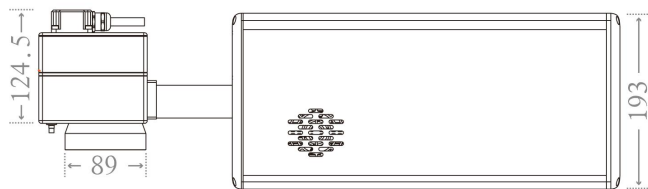
PRODUCT ADVANTAGE

- Longer laser source life with 100,000 hours MTBF.
- Air-cooled laser source is virtually maintenance-free, with no wearing parts, dramatically reducing downtime;
- Standard 100*100 marking area, as well as high marking accuracy and edge sharpness for higher throughput;
- Standard IP54 protection rating, capable of continuous and stable operation in dusty and humid harsh environments;
- A variety of working distance options, 0~360 printhead mounting direction, production line integration more flexible.

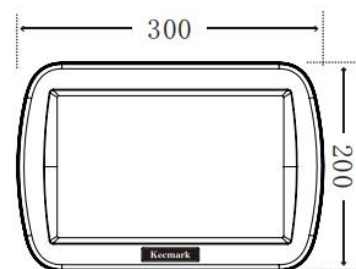
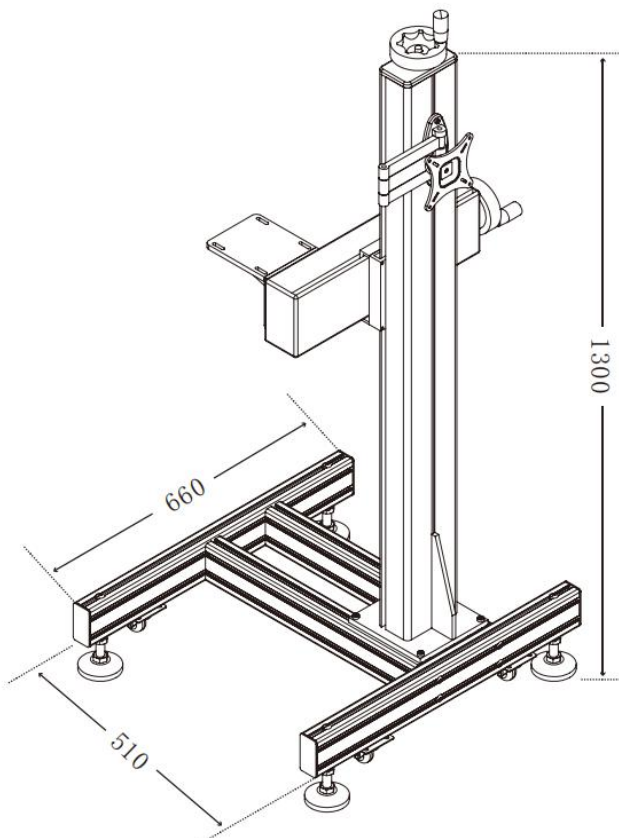
PRODUCT SIZE



PRODUCT SIZE



lasers



bracket

touch panel

PRODUCT PARAMETERS

Lasers	Fibre Q-pulse lasers
Power	20W/30W/50W
Laser wavelength	1064nm
Pulse frequency range	30-60KHZ
Conditioning space	1D, 2D, 3D (optional)
Laser class	Class 4 laser products ~ IEC60825-1 compliant
Marking direction	0-360°
Marking area	Standard 110*110mm (can be customised)
Scribing speed	Up to 20m/s
Working distance	110-275mm (customisable)
Spot size	5.7-8mm
Marking content	1D, 2D barcodes, icons, Chinese, English and numbers
User interface	10" full colour touch screen
Communication interface	RJ45、RS232、RS485、USB
Rated voltage	200~240V 50/60Hz
Power of the whole machine	≤500W
Weight	11.5kg
Cooling method	Built-in air-cooled
Protection class	IP54
Environmental temperature	0~40°
Humidity range	Relative humidity <70%, non-condensing

STANDARD ACCESSORIES

- Touch panel
- Power cable
- Photoelectric sensors
- Lifting bracket
- Signal cable
- Encoders

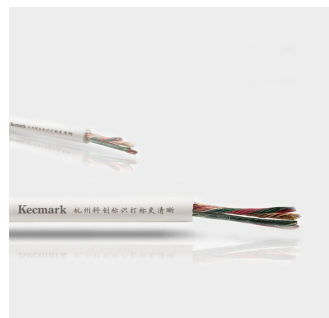


APPLICATION SCENARIO



● ConveyorConveyor

MARKING EFFECT





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