

Laser Engraving Machine LaserPecker 5 Deluxe Version



Model: LP5-D

Manufacturer: LASERPECKER

EAN: 6974109080055

Product Code: 1410684

R63,915

LaserPecker 5 Deluxe Version Laser Engraving Machine

The LaserPecker 5 Deluxe is an advanced laser engraving machine that combines high power, versatility and mobility. With dual laser sources (20W fiber optic and 20W diode), it enables precise engraving on a wide range of materials such as metal, wood, leather and glass. It features deep engraving, metal cutting and full color engraving capabilities. Compact and portable, it is ideal for use in a variety of environments, from the workshop to the open air. With the included Slide and Rotary Extension attachments, you can customize the engraving to suit your needs. In addition, the device offers a number of safety mechanisms, including advanced light filtration, ensuring full protection during engraving. Ease of use, intelligent software and fast speeds make the LaserPecker 5 Deluxe an ideal tool for both professionals and those starting out in engraving.

Versatile applications

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The LaserPecker 5 Deluxe offers two different laser technologies that open up a wide range of possibilities for users. The 20W fiber laser is perfect for working with metals such as stainless steel, aluminum, brass, silver, platinum, titanium and gold. The 20W diode laser works perfectly on wood, acrylic, leather, glass, stone, paper, rubber, as well as food, giving great flexibility for artistic and industrial projects. With such a wide range of material capabilities, the LaserPecker 5 Deluxe becomes an indispensable tool in workshops, small businesses and for artists.

Deep engraving and precision cutting

The LaserPecker 5 is a machine that can achieve deep and clear engravings in a single pass. Edges are clean and details are accurately reproduced. This engraving machine is ideal for creating more advanced designs where detail and depth are required. With control of cutting angles and geometry, the LaserPecker 5 can cut metals such as brass, stainless steel, aluminum and titanium to within 1 mm, beyond the capabilities of traditional machines.

Innovative color engraving technology

Unlike other devices that limit you to creating only monochromatic designs, the LaserPecker 5 Deluxe allows you to experiment with colors by controlling temperature and oxidation. Discover the joy of creating engravings in a full range of colors, opening up new possibilities for product personalization.

Uncompromising mobility and performance

The LaserPecker 5 combines incredible power with portability. It is the lightest and most compact engraving machine in its class, making it ideal for working in a variety of conditions. Thanks to the device's mobility, you can use it in the workshop, in the field, or anywhere that inspires you. Working with the LaserPecker 5 does not require a stationary workstation. From now on, you can create anywhere - on a construction site, in a workshop, or even outdoors.

Fast and efficient work

The LaserPecker 5 is a machine that can work at speeds of up to 10,000 mm/s, offering results comparable to industrial equipment. With this performance, you can move quickly to complete your

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projects without sacrificing quality. When orders call for more production, the Slide Extension will help increase productivity by enabling faster processing. The Slide Extension attachment allows you to enlarge your work area, while the Rotary Extension allows you to engrave on cylindrical objects such as cups, glasses, bracelets or rings, achieving precise results.

Smart engraving

The LaserPecker 5 is a device that combines ease of use with advanced functionality. With intelligent filling, the system will recognize the shape and size of the materials, and you can concentrate on the creativity itself. Thanks to the built-in camera, you gain control over the entire process, eliminating the risk of errors occurring.

Advanced safety features

Safety is a priority, which is why the LaserPecker 5 Deluxe has been rigorously tested and certified, meeting EU standards. It has a number of safety mechanisms, such as light filtration (the filtering materials used block 99.99% of harmful light, protecting your eyes), and a blowout fan (provides adequate ventilation, removing dust and fumes from the work zone). Overheat protection and an emergency button are additional safety features that provide protection and full control over the engraving process.

Intuitive software for complete control

The LaserPecker 5 Deluxe works with intuitive PC software and a mobile app to give you full control over the engraving process. Get perfect engraving with two red focus points and direct secure preview options.

Included

- laser engraving machine
- power cable
- power adapter
- 1.5 m cable
- cable 0.6 m

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- tube
- adapter to the tube
- USB flash drive
- L-shaped positioner x2
- safety goggles
- kit with materials
- Slide Extension attachment
- Rotary Extension attachment
- instruction manual

Manufacturer	LaserPecker
Model	5 Deluxe
Dimensions	Laser unit: 255 x 98 x 183 mm; electrical stand: 198 x 286 x 323 mm; conical protective cover: 167 x 231 x 160 mm
Weight	Laser unit: 3.36 kg; electric stand: 2.28 kg; conical protective cover: 0.38 kg
Total weight	6.02 kg
Laser power and laser source:	20W 450nm blue diode laser; 20W 1064nm fiber laser.
Working area	120 x 160 mm (ellipse); 100 x 100 mm (square); 160 x 300 mm (with Slide extension)
Laser spot size	0.08 x 0.1 mm (20W diode laser); 0.06 x 0.06 mm (20W fiber laser)
Maximum working speed	10000 mm/s
Engraving precision	0.0027 mm
Preview mode	Rectangle preview / Outline preview / Center point preview
Supported file formats	PC software: G-code / JPG / PNG / BMP / SVG / DXF, etc.; mobile application: G-code / JPG / PNG / SVG
Connectivity	USB, Wi-Fi

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Supported operating systems iOS 9.0+, Android 7.0+, macOS 10+, Windows 10+ Compatible with LightBurn

Safety certifications CE / ROHS / FCC / FDA / NCC / KC / UKCA / TELEC / SRRC

Power (W) [eng]: 20, GPSR Link: <https://psr->

assets.innpro.pl/creative_technologies/sg_creative_technologies_laser_engravers_and_cutters.pdf,

Gross weight: 15110, Net weight: 6020, Box length: 60,00, Box width: 33,50, Box height: 38,50,

Information about data generation: <https://dataact.innpro.pl/laserpecker/6974109080055>

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