

LaserPecker LX2 40W Laser Engraver

Gamintojas: **LASERPECKER** · Modelis: **LX2-40B** · EAN: **6974109084398** · Prekės kodas: **662658**



2 259,90 €

Kaina su PVM

Be PVM: **1 867,69 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt



Aprašymas

LaserPecker LX2 40W Laser Engraver

LaserPecker LX2 is an advanced laser engraver designed for versatile and efficient work – from precise engraving to accurate cutting. The high laser power allows for processing various types of materials, and the support system ensures cleaner and more controlled results. The device supports engraving on flat and curved surfaces, offers a very large working area, and convenient access to the working area while maintaining compact dimensions. The fully enclosed design with extensive safety features ensures a high level of safety, and the modular concept allows the LaserPecker LX2 to grow with you and your workshop.

The world's first enclosed diode laser

The engraver achieves a maximum engraving speed of 1000 mm/s and an acceleration of 10,000 mm/s². This means faster maximum speed, saving valuable time with every start, stop, and change of direction in the work process. A 35 percent increase in overall speed completely changes the efficiency of the process. A robust dual Y-axis and linear motion guidance system provides more power to smoothly drive heavier, high-performance laser heads. All axes work in perfect synchronization, ensuring stability and accuracy even at extreme speeds.

Cutting that makes a difference

At the heart of the LX2 is a powerful 40W laser diode, providing one of the best cutting capabilities in its class. The machine effortlessly cuts through cherry wood up to 22 mm thick and black acrylic up to 20 mm thick—all in a single pass! This performance allows you to tackle both precise artistic

projects and sturdy utility or advertising elements without compromising on quality.

Dual positioning system

Eliminate material waste and tedious alignment with a revolutionary dual positioning system that offers both absolute precision and improved speed. This world-first system combines physical laser alignment with a 12 MP/6K HD camera visual system, allowing you to choose the best method for your project.

Cleaner edges and perfect detail

The advanced work support system includes a quiet exhaust fan, cutting work strips, and Air Assist. This makes the machining process more controlled and the end result much cleaner. Reduced scorching, clearer details, and smooth edges mean that finished projects require no additional processing, saving time and increasing work efficiency.

Create more, faster

The device combines a huge engraving area of 500 × 305 mm with a compact housing. The dual-access design (top cover and front opening) revolutionizes material handling by allowing engraved items to be placed from the front, freeing up valuable space—ideal for workshops or classrooms. At the same time, it enables batch processing of multiple smaller items in a single cycle, significantly increasing productivity and making the LX2 the ideal tool for commercial work.

Flawless engraving on any surface

Adaptive 3D auto-focus makes engraving on complex, curved surfaces easy. Using a camera for initial setup, the probe automatically scans and creates a 3D height map, dynamically adjusting the laser height in real time. This eliminates the need for manual focusing and trial runs, saving you a significant amount of time while greatly expanding the boundaries of creativity for objects such as bowls and custom glassware.

Laboratory-grade safety

The LaserPecker LX2 is certified as a Class 1 laser safety device, ensuring complete peace of mind during operation. A fully enclosed housing with a light-impermeable cover, a flame sensor, an emergency stop button, a key lock, and a built-in fire extinguisher create a comprehensive protection system. This allows you to focus solely on creating, without worrying about safety.

A system that grows with you

The LX2 is not just an engraver, but the foundation of your future workshop. Its modular design allows you to start with one device and gradually expand its capabilities as your business grows. It is a smart investment that scales with your ambitions, giving you unlimited potential for growth and creative expansion.

Included in the set

- laser engraver
- 40W laser module
- power supply
- power cable
- set of materials
- smoke exhaust pipe
- x4 profiles
- USB-A to USB-C cable
- tool kit
- distance sensor
- x2 safety keys
- USB flash drive (32 GB)

- M3*6 screws x4
- camera calibration sticker x3
- protective lens
- H2.0 Allen key
- H2.5 Allen key
- #3 Phillips screwdriver
- user manual

Manufacturer	LaserPecker
Model	LX2
Size	780 x 609 x 281 mm
Weight	22.5 kg (without laser module)
Power	40W
Engraving area	3000 × 470 mm
Supported file formats	Computer: G-code /JPG /JPEG/PNG/SVG /BMP/DXF/TIF smartphone: G-code/JPG/JPEG/PNG/SVG/BMP
Supported operating systems	iOS 13.0+, Android 7.0+, macOS 10.15+, Windows 10+
Supported software	Compatible with LaserPecker Design Space, LightBurn
Input power	DC (24 V, 10 A)
Connection method	Wi-Fi, USB, IP
Operating temperature range	0-35°C
Operating humidity range	5%-85% relative humidity (non-condensing)
Safety certifications	CE, ROHS, FCC, FDA, PSE, UKCA, TELEC

Power (W) [eng]: 40, GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_laser_engravers_and_cutters.pdf, Gross weight: 34690, Net weight: 34580, Box length: 88,00, Box width: 68,50, Box height: 35,50, PPWR: <https://ppwr.innpro.pl/laserpecker>

Techninė specifikacija

Specifications	
Sandėlio grupė	Creative Technologies/Laser engravers and cutters/Devices [+31][-4]
Matmenys ir svoris	
Matmenys (l × p × A)	88,00cm × 68,00cm × 35,00cm
Svoris	34,69kg