

Creality Falcon 2 Pro S 40W laser engraving machine

Gamintojas: **CREALITY** · Modelis: **1005010226** · EAN: **6977905740055** · Prekės kodas: **660793**



1 416,90 €

Kaina su PVM

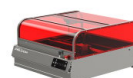
Be PVM: **1 170,99 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt



Aprašymas

Creality Falcon 2 Pro S 40W laser engraving machine

The Creality Falcon 2 Pro S 40W is an advanced laser engraving machine designed for professionals and creative users who value precision, safety and convenient operation. Thanks to its integrated camera and auto focus system, the device allows for quick positioning of materials and accurate adjustment of graphics. The high laser power allows efficient cutting and engraving in wood, acrylic, leather or metal with exceptional accuracy.

Large working area for larger projects

The device offers a working area of 355 × 390 mm, which translates into the ability to process more parts. Such an area allows for more complex projects or batch production of small items without frequent material changes.

Efficient smoke evacuation

Integrated fans quickly remove debris generated during operation. As a result, the workplace remains clean and the user is not exposed to inhaling harmful fumes. This is important not only for health, but also for maintaining lens clarity and cutting quality.

40W laser module - more cutting power

A 40W laser module, created from 8 compressed 5.5W diodes, is responsible for the device's performance. This allows you to easily cut through materials such as wood up to 20 mm thick or colored acrylic. Such power makes the engraver cope even with demanding materials.

Class 1 safety - FDA approved

The Creality Falcon 2 Pro S meets Class 1 safety standards, which means it can even be used in domestic spaces - including in the presence of children and pets. An integrated shield provides 360° visibility while protecting the eyes from direct laser light.

Automation that speeds up production

The built-in camera supports live viewing, automatic positioning and rapid design completion on multiple parts simultaneously. This makes the production process faster and without the need for constant supervision. One Click Auto Focus eliminates the need for manual focusing, saving time and achieving better engraving quality.

Enhanced safety systems

The Creality Falcon 2 Pro S is equipped with three independent monitoring systems: airflow, flame presence and lens condition. The airflow sensor allows you to control the ventilation intensity in real time and adjust it according to the type of work. The flame detection system immediately reacts to the appearance of a flame - it sets off an alarm and stops the machine, which protects the user and the material. In turn, the lens monitoring informs about dirtiness, preventing damage and the need for frequent replacement of optical components.

Convenience of operation and offline creation

The device supports offline creation - just insert the TF card with the project and start working without a computer. In addition, a metal drawer allows easy disposal of production waste, and a transparent light-filtered cover allows you to observe the entire process without having to wear safety glasses.

Industry-level performance and stability

The Falcon 2 Pro S achieves operating speeds of up to 600 mm/sec thanks to its robust aircraft-grade aluminum construction and stable slides. This allows for more demanding projects without sacrificing quality. The Auto Cut Through system takes care of cutting the material precisely through, reducing waste and eliminating the need for repetition.

Falcon editor - freedom of design

Falcon software offers a variety of graphics editing options for both beginners and advanced users. It allows easy customization of designs and precise matching of the pattern to the object - also thanks to the graphic contour extraction function.

Included

- Aluminum strip A
- Aluminum strip B
- Upper support bar
- Tapered screws x10
- Transparent foil
- Lower support beam
- Protective cover
- Light panel
- Main part of the device (working frame)
- Laser module
- Side cover A
- Side cover B
- Helical screws x26

- Air discharge tube
- Clamp
- Air Assist system
- Silicone tube
- Linden plywood 300×300×3 mm
- Linden plywood 150×150×2 mm
- Calibration card
- Power supply
- Protective eyepieces
- Focal length adjustment block
- USB-C cable ×2
- USB-A to USB-C adapter
- Anti-static brush
- M4 allen wrench
- User manual
- Creality stickers
- M1.5 / M2 / M2.5 / M3 allen wrenches
- Wrench
- Tweezers
- Dust-free cloth
- Protective lens
- Velcro ×3
- Key ×2
- TF card
- Memory card reader

Manufacturer	Creality
Model	Falcon 2 Pro S
Optical power	40 W
Dimensions	664 x 570 x 328.4 mm
Weight	18.56 kg
Input voltage	100-240V ~ 50/60 Hz
Output voltage	DC 24V 10A
Working temperature	5°C - 35°C
Laser source	diode
Laser beam length	455 ±5 nm
Laser class	1 FDA
Engraving software	LightBurn, LaserGRBL
Operating system	Windows/MacOS
Supported file formats	jpeg, jpg, png, bmp, svg, dxf, etc.
Supported materials	Cardboard, wood, bamboo, rubber, leather, fabric, acrylic, plastic, etc.

Power (W) [eng]: 40, GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_laser_engravers_and_cutters.pdf, Gross weight: 24380, Net weight: 18560, Box length: 77,00, Box width: 64,50, Box height: 28,50, Information about data generation: <https://dataact.innpro.pl/creality/6977905740055>, test: Grawerka laserowa Creality Falcon 2 Pro S 40W

Techninė specifikacija

Specifications

Sandėlio grupė	Creative Technologies/Laser engravers and cutters/Devices [+31][-4]
----------------	---

Matmenys ir svoris

Matmenys (I × P × A)	77,00cm × 64,00cm × 28,00cm
----------------------	-----------------------------

Svoris	24,38kg
--------	---------