

Creality Falcon A1 10W Laser Engraver

Gamintojas: **CREALITY** · Modelis: **1005010223** · EAN: **6977905740116** · Prekės kodas: **691247**



551,91 €

Kaina su PVM

Be PVM: **456,12 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt



Aprašymas

Creality Falcon A1 10W Laser Engraving Machine

Creality Falcon A1 is an advanced 10W laser engraving machine that guarantees high quality cutting. Thanks to its integrated camera and intelligent material recognition, using it will not be a problem for you. The Falcon A1 offers a workspace of 305 × 381 mm and a maximum working speed of up to 600 mm/s. What's more, it works with a wide range of materials - from wood and acrylic, to glass and leather, to metal or jewelry.

Ready to work without complicated setup

The Creality Falcon A1 comes pre-assembled and calibrated, saving up to 95% of the time needed to get the device ready for use. This is a huge convenience, especially for novice users or those who want to start working immediately after unpacking. Everything works on a plug & play basis - just plug in the power, insert the material and start engraving.

Precision camera and intelligent material recognition

The device is equipped with a full-range HD camera that gives an accurate view of the entire work area. The camera is calibrated at the factory, making material positioning and project preparation extremely easy. In addition, it automatically recognizes materials using a QR code system and independently selects the optimal laser operation settings, eliminating the need for manual configuration.

10W power and one-step cutting

Thanks to its dual laser beam technology, the Falcon A1 can cut as much as 9.6 mm of acrylic or 6 mm of wood in one go. This not only saves time, but also guarantees precise cutting without the need for repetition. The laser's precise spot (0.06×0.08 mm) makes it possible to make highly detailed engravings - ideal for both personalizing items and creating artistic designs.

Fast and smooth operation thanks to the CoreXY system

The high speed of operation (up to 600 mm/s) is made possible by the CoreXY motion mechanism. This system is based on two motors that ensure smooth and stable head movement, which translates into speed without sacrificing precision.

Various application possibilities

Falcon A1 can handle a variety of materials: wood, acrylic, glass, leather, metal, fabric, plastic or jewelry. As a result, it can be used for personalizing objects, creating decorations, engraving on cylindrical surfaces (with the help of an additional rotary kit), as well as for precision cutting.

Additional accessories for even more convenience

You can upgrade the Falcon A1 with a rotary kit that allows you to engrave cylindrical objects - such as glasses, bottles or cups. There's also a HEPA-filtered air purifier that removes 99.97% of pollutants, improving the comfort of working in closed rooms. Creality also offers a wide range of proprietary materials, tailored for compatibility and engraving quality.

Full compatibility and intuitive operation

Falcon A1 works with the popular LightBurn, LaserGRBL and Falcon Design Space software and runs under both Windows and macOS. It supports files in jpg, png, bmp, svg, dxf and many other formats, allowing you to work seamlessly with a variety of graphic designs.

Included

- Laser engraving machine
- Tube
- Clamp
- Air Assist module
- Silicone tube
- Power supply
- Lime plywood (300×300×3 mm) + QR card for materials
- Test calibration card
- Cable for connecting the rotating set
- Multi-level focusing block
- USB-A to USB-C cable
- Anti-static brush
- Allen wrench
- User manual
- Mounting tools (M1.5 / M2 / M2.5 / M3 allen keys, tweezers, dust-free cloth, protective lens, adapter from USB-A to USB-C, safety keys x2)

Manufacturer	Creality
Model	Falcon A1
Laser spot	0.06 × 0.08 mm
Power max.	120 W
Laser wavelength	455 ±15 nm

Optical power	10 W
Laser class	Class 1 (FDA)
Device dimensions	567 × 468 × 196 mm
Engraving software	LightBurn, LaserGRBL, Falcon Design Space
Weight of the device	15.5 kg
Operating system	Windows / macOS
Input voltage	100-240 V, 50-60 Hz
Supported file formats	jpeg, jpg, png, bmp, svg, dxf, etc.
Output voltage	DC 24V/5.0A
Supported materials	Cardboard, wood, bamboo, rubber, leather, fabric, acrylic, glass, plastic, etc.
Operating temperature	5°C - 35°C
Engraving platform	305 × 381 mm
Laser source	Laser diode

Power (W) [eng]: 10, GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_laser_engravers_and_cutters.pdf, Gross weight: 19840, Net weight: 15300, Box length: 64,00, Box width: 55,50, Box height: 27,00, Information about data generation: <https://dataact.innpro.pl/creality/6977905740116>, test: Grawerka Laserowa Creality Falcon A1 10W

Techninė specifikacija

Specifications	
Sandėlio grupė	Creative Technologies/Laser engravers and cutters/Devices [+31][-4]
Matmenys ir svoris	
Matmenys (l × p × A)	64,00cm × 55,00cm × 27,00cm
Svoris	19,84kg