

Creality Falcon T1 Fiber 20W Laser Engraver

Gamintojas: **CREALITY** · Modelis: **Falcon T1 Fiber 20W** · EAN: **6977905743506** · Prekės kodas: **692279**



3 652,91 €

Kaina su PVM

Be PVM: **3 018,93 €**

Sandėlyje



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt



Aprašymas

Creality Falcon T1 Fiber 20W Laser Engraver

The Creality Falcon T1 Fiber 20W is a compact engraver equipped with a 20 W fiber laser, designed for fast and precise marking of metals and select plastics. The device can work with materials such as stainless steel, aluminum, brass, anodized surfaces, and coated metals, making it ideal for creating logos, serial numbers, nameplates, technical markings, and personalized designs. A camera for intelligent positioning, autofocus, and automatic calibration streamline material preparation, while the enclosed Class 1 design, combined with comprehensive safety features, protects the user during operation. The device is also compatible with Falcon Design Space, LightBurn, and GRBL, giving you the freedom to choose your design preparation environment.

20 W fiber laser for precise marking

Fiber laser technology enables the creation of durable and legible markings while preserving the fine details of the prepared design. The 20 W power output, combined with fast scanning, allows for efficient execution of both single engravings and larger numbers of repetitive markings. The Falcon T1 Fiber can be used to apply text, symbols, graphics, serial numbers, and logos, ensuring the accuracy required for both creative and manufacturing projects.

Marking Various Metal Surfaces

The Creality Falcon T1 Fiber 20W has been optimized primarily for engraving metal surfaces, including stainless steel, aluminum, and brass, as well as anodized surfaces and coated metals. Fiber laser technology delivers sharp contrast and preserves the legibility of fine details, which is crucial for precise marking. As a result, the device is suitable for personalizing items as well as creating industrial nameplates or permanently marking components used in manufacturing.

Camera, Autofocus, and Smart Calibration

The integrated camera helps precisely determine the design’s position relative to the workpiece, reducing the need for manual adjustment of the engraving position. Autofocus and smart calibration assist in setting the appropriate focusing distance and parameters needed to execute the design correctly. Automating these steps speeds up the preparation of subsequent tasks and helps achieve repeatable results across various projects.

Compact Design and Efficient Workflow

The Falcon T1 Fiber 20W combines the capabilities of professional laser marking with a compact design suited for desktop workstations. Thanks to its minimal space requirements, the device can be used in workshops, studios, design offices, and small production environments. Fast scanning and the automation of certain settings streamline the execution of subsequent tasks, which is particularly useful when performing repetitive marking jobs on a regular basis.

Compatibility with popular software

The engraver is compatible with Falcon Design Space, LightBurn, and GRBL, allowing you to choose a work environment that suits your preferences and your current project preparation workflow. This is a convenient solution, especially for users who are already familiar with common tools for operating laser devices. Combined with the camera, autofocus, and smart calibration, this broad compatibility streamlines the entire process—from project preparation to the finished marking.

Comprehensive Safety Features

The Creality Falcon T1 Fiber 20W features a Class 1 enclosed design that minimizes the user’s exposure to the laser during proper operation of the device. The model is also equipped with a flame detection system and multi-sensor monitoring, which help control conditions during project execution. These features are particularly important for regular use of the engraver in a workshop, studio, or small production environment.

Manufacturer	Creality
Model	Falcon T1
Laser Type	fiber
Laser Power	20 W
Application	engraving and marking of metals and selected plastics
Supported Materials	stainless steel, aluminum, brass, anodized surfaces, coated metals
Positioning	intelligent camera-based system
Focusing	autofocus
Intelligent calibration	yes
Real-time monitoring	yes
Supported software	Falcon Design Space, LightBurn
Compatibility	GRBL
Design	enclosed, Class 1
Flame detection	yes

Multi-sensor monitoring

yes

GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_laser_engravers_and_cutters.pdf, Gross weight: 35000, Net weight: 24760, Box length: 69,00, Box width: 41,00, Box height: 64,00

Techninė specifikacija

Specifications

Sandėlio grupė

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

Matmenys ir svoris

Matmenys (l × p × A)

69,00cm × 41,00cm × 64,00cm

Svoris

35,00kg