Creality Falcon2 Pro

Substantial and Secure, Unrivalled and Reflective.
Innovations for All Passions

CREALITY
Falcon2 Pro

Safe and Visible FDA Class 1 Safety Certification

Visual body, stress-free eye viewing.
Lid-open safety stop, designed to prevent laser leakage.

Deep red, highly transparent cover with excellent light-filtering capability, for eye-friendly viewing.

Dual sensors, showing the sealing status. Lid-off halts, warning light alerts ensure safer creativity

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Falcon2 Pro

Multiple Security Monitoring Worry-free Creation

Triple intelligent monitoring, flame and dirt monitoring.
Five major safety guarantees, stop with one botton.

AIR
FIRE
LENS

deviations pursuant to Laser Notice NO.50, dated June 24,2007.
DANGER
LASER 4
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION

Airflow Monitoring

Indicates the current airflow volume. It enables you to adjust the airflow based on your engraving needs.

Flame Monitoring

When a flame is detected, the indicator will flash red with an alarm and the machine will stop immediately.

Lens Monitoring

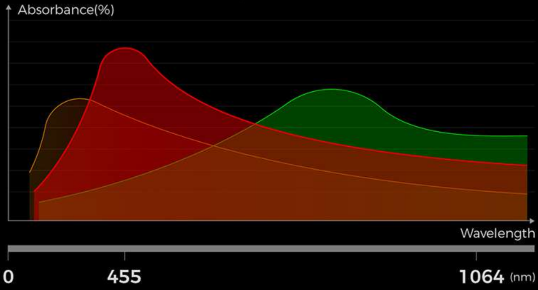
Built-in lens monitoring system will trigger an alarm when the lens is dirty enough, which helps avoid lens breakage and frequent replacement.

(Note: The alarm function is disabled by default. Please enable it in the settings if needed.)

360° Visual Design, Combines Aesthetics with Versatility.

Fully transparent cover allows you to observe processing from any angle, completely free from the constraints of protective glasses. With curved surface, external buttons, unique and convenient.

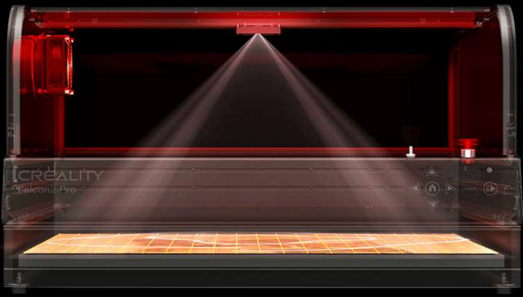
360°



(Note:Crimson transparent material absorbs laser light perfectly for optimal protection).

Pilot Technology, Visual Assistance for Precise Positioning

Built-in top camera for accurate alignment.
Ensuring full-frame functionality.
Spacious interior, limitless creativity.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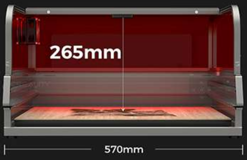
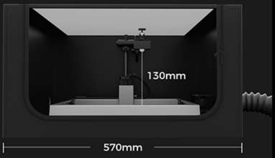
Full-field Protection, Unleash Unlimited Creative Space

Upgraded curved cover and built-in camera for precise compatibility with extensive processing.

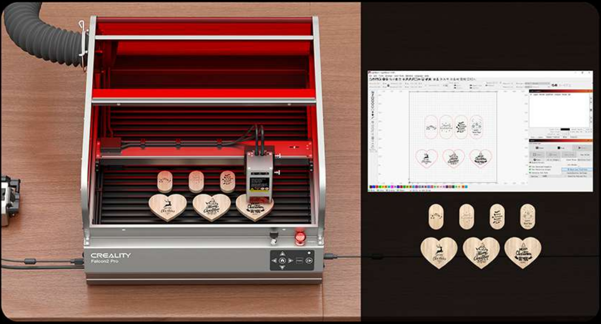

265mm
570mm

Operational protective cover and camera may compromise engraving accuracy due to space constraints.


130mm
570mm

Real-time Preview, One-click Picture Output

Supporting the spark of your inspiration anytime, anywhere.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High-effciency Batch Profit in Your Pocket

Perfectly suitable for small and batch projects, providing the best service for your creativity and business.

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CUSTOM
CUSTOM

Super Cutting Power

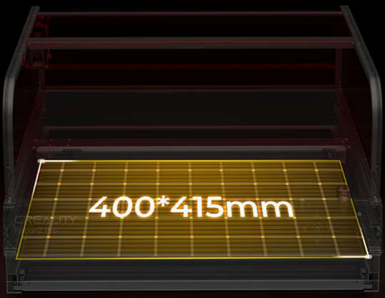
Compatible with 40W and 22W laser modules.
Bonus a 1.6W laser module with 40W, specifically designed for engraving more deail

Input Voltage: 24V DC
Optical Power: 40W
This product complies with 21CFR 1010.10 and 1040.11 except for deviations pursuant to Laser Notice NO.50, dated June 24,2007.
DANGER
LASER
4
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION

40W: Cutting 20mm basswood board in one-pass
22W: Cutting 10mm basswood board in one-pass

Small Machine, Big Achievements

Large working area of **15.75*16.34 inches (400*415mm)**
Break free from constraints, unlock more space, and enjoy convenient placement.



Suitable for Small Studio

Perfect fit for small rooms or studios.
It can also be placed on a cabinet shelf and easily slide protective cover to get artworks.

Drawer Design, A Good Helper for Desktop Organization

The metal drawer design can store the debris generated by creation.
Simply pull, pour and wipe to easily clean up.
Bidding farewell to clutter worries.
Bidding farewell to clutter worries and enjoy the joy of creation.

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Falcon2 Pro

Fence Type Protection Strip, Heat and Smoke Dissipation

Special oxidation process, visually appealing and wear-resistant finish.

Flat Mode

Stand Mode

Multiple Modes to Complete Today’s Creation with You

In auto mode, they turn on with the machine and smartly sleep when carving stops.

FAN
ON
AUTO
LIGHT
ON
AUTO
AIR
FIRE
LENS
CREALITY
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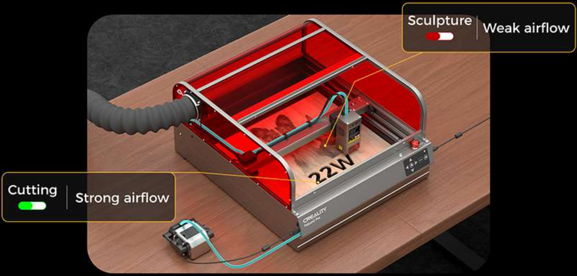
Integrated Air Assist

Adjusting the airflow automatically or manually to create perfect projects.


Sculpture
Weak airflow
Cutting
Strong airflow
22W
CREALITY
Falcon2 Pro

Extensive Compatibility

Compatible with a variety of systems, including Windows and macOS systems, and software such as LaserGRBL and LightBurn.

Lightburn

Powerful engraving software, solves your processing problems

LaserGRBL

Fully-featured, adaptable to various creative needs

Mac OS

Windows

Support Offline Creating

Just insert a TF card, and you can feel free to create anytime, anywhere.

Bonus a 1.6W laser module

Bonus a 1.6W laser module with 40W, specifically designed for engraving more deails.

Input Voltage: 24V
Optical Power: 1.6W
This product complies with 21CFR 1010.10 and 1040.11 except for deviations pursuant to Laser Notice NO.50, dated June 24,2007.
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Rotary Engraving

Engraving exclusive marks on items such as water cups and baseball paired with Creality Rotary Kit Pro.

Air Purification System

Efficient smoke exhaust in enclosed spaces, effectively filtering smoke and dust. Paired with optional air purifiers, safe and worry free.

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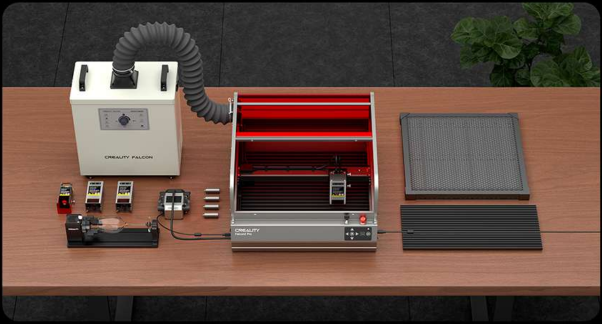
A One-stop Solution for Your Machine

Better Work with Accessories


CREALITY FALCON
CREALITY

Solution 1: 22W (With 22W Laser Module, Aluminum Slats, Exhaust Pipe, Air Assist Equipment.)
Solution 2: 40W+1.6W (With 40W Laser Module, Aluminum Slats, Exhaust Pipe, Air Assist Equipment, and bonus a 1.6W Laser Module.)
Optional: Smoke Purifier; Rotary Kit; Risers; Honeycomb.

Enjoy DIY creations

Make your holiday special by creating personalized gifts

Johns
FURNITURE REPAIR
JUDE'S
PIZZA

Product Parameters:

Product Name	Creality Falcon2 Pro	
Machine Power (MAX)	120W	240W
Optical Power	22W	40W
Engraving Area	400*415mm	400*415mm
Product Size	664*570*328.4mm	664*570*328.4mm
Product Weight	18.04kg	18.56kg
Input Voltage	100-240V~ 50-60Hz	100-240V~ 50-60Hz
Output Voltage	DC 24.0V 5.0A	DC 24.0V 10.0A
Operating Temperature	5℃-35℃	5℃-35℃
Laser Source	Diode Laser	Diode Laser
Laser Wavelength	455±5nm	455±5nm
Laser Class	Class 1(FDA)	Class 1(FDA)
Laser Engraving Software	LightBurn、LaserGRBL	LightBurn、LaserGRBL
Operating System	Windows/MacOS	Windows/MacOS
Supported File Formats	Jpeg, jpg, png, bmp, svg, dxf, etc.	Jpeg, jpg, png, bmp, svg, dxf, etc.
Supported Materials	Cardboard, wood, bamboo, rubber leather, fabric, acrylic, plastic, etc.	Cardboard, wood, bamboo, rubber leather, fabric, acrylic, plastic, etc.
Certifications	EC60825、FDA、CE、ROHS、FCC、UKCA、UL Report、PSE	EC60825、FDA、CE、ROHS、FCC、UKCA、UL Report、PSE
Package Size	730*630*210mm	730*630*210mm
Gross Weight	22.38kg	22.90kg