



3D Printer Creality Halot X1 Combo 16K Resin LCD with Auto Feed Unit (AFU)

Modelis: 1203040118

Gamintojas: CREALITY

EAN: 6977726810661

Prekės kodas: 560392

554.99€

Creality Halot X1 Combo 3D Printer: Precision and Automation

The Creality Halot X1 Combo is a revolutionary LCD resin 3D printer designed to bring professional-grade precision and unmatched convenience to your workspace. This comprehensive solution, ideal for hobbyists, engineers, and designers, integrates cutting-edge features like a massive 16K resolution screen, a high-intensity Honeycomb Matrix light source, and the essential Auto Feed Unit (AFU) for fully automated resin handling. The Halot X1 Combo redefines reliability and speed in resin

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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printing.

Effortless Setup with Zero Leveling

Forget complex, time-consuming manual calibration. The Halot X1 features instant, automatic platform calibration, making it ready to print almost immediately after being powered on. A single touch on the screen is all it takes to prepare the device, significantly streamlining your workflow and ensuring perfect results every time, saving valuable time for both beginners and seasoned professionals.

Unmatched 16K Detail and Large Build Volume

Equipped with a state-of-the-art 16K Mono LCD screen (15120 × 6230 pixels), the Halot X1 delivers exceptional detail and clarity. With a microscopic pixel size of just 14 × 19 μm, it enables the creation of highly intricate models, perfect for fine miniatures, collectibles, and precision technical components. The generous workspace of 211.68 × 118.37 × 200 mm accommodates large projects, prototypes, jewelry, or decorative items.

Intelligent Resin Management with Auto Feed Unit (AFU)

The Halot X1 Combo includes the intelligent Auto Feed Unit (AFU), automating the most complex part of resin printing. The AFU handles automatic material feeding and draining, recognizes resin type via RFID tags, heats the material to the optimal temperature, and provides a real-time preview of the quantity in the tank. By reading the resin parameters directly from the cloud, the AFU eliminates manual configuration and the risk of common printing errors.

Enhanced Performance and Stability Features

- **High Speed Printing:** Achieve rapid project turnaround with print speeds reaching up to 170 mm/hour.
- **Precision Z-Axis:** A high-precision Z-axis guide ensures smooth movement and layer uniformity (0.01-0.2 mm layer thickness) with an accuracy of 0.01 mm.
- **Honeycomb Matrix Light Source:** Provides uniform illumination across the entire build surface. The high exposure intensity (6500 ±10% μW/cm²) combined with the 92-zone intelligent exposure system enhances detail reproduction and speeds up curing.

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- **Robust Design:** A new support structure minimizes vibration during high-speed operation, and the quick-release work plate simplifies print removal.

Seamless Integration and Operation

The Halot X1 is easily operated via its intuitive 3.98-inch capacitive touchscreen. It offers excellent software compatibility, working seamlessly with both the dedicated HALOT BOX software and the popular ChituBox slicer. Data transfer is flexible, supporting both USB and Wi-Fi connections.

Technical Specifications Summary

- Printing Technology: LCD Resin
- Build Volume: 211.68 × 118.37 × 200 mm
- LCD Resolution: 16K (15120 × 6230 pixels)
- Max Speed: Up to 170 mm/hour
- Connectivity: USB / Wi-Fi
- Light Source Intensity: 6500 ±10% μW/cm²

CREALITY is globally recognized as a leader in 3D printing technology, dedicated to innovation and providing high-quality, reliable printing solutions for diverse applications, from industrial prototyping to educational models and personal projects.

Order your Creality Halot X1 Combo today from ++SHOP++ and step into the future of automated, high-resolution resin printing.

Creality Halot X1 Combo 3D Printer

The Creality Halot X1 Combo is an LCD resin printer that redefines the convenience and precision of 3D printing. It combines ease of use with professional-grade features to create a complete solution for hobbyists, designers and engineers. The technologies used - from the intelligent resin feeding system to the matrix light source and 16K screen - provide unparalleled accuracy, speed and reliability. The kit includes not only the printer, but also the AFU (Auto Feed Unit).

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No leveling required

The Halot X1 requires no manual leveling - it's ready to go almost as soon as it's turned on. Instead of several minutes of complicated setup, one touch of the screen is all it takes - the device automatically calibrates the platform and allows you to start printing immediately. This is a major convenience for both novice users and professionals who want to save time.

16K Mono LCD screen and large workspace

The device is equipped with a 16K resolution LCD screen, which guarantees exceptional accuracy and rich detail. The pixel size of $14 \times 19 \mu\text{m}$ allows the creation of models with a quality unattainable by lower-end printers. It is ideal for printing miniatures, collector's items and precision technical components. At the same time, the Halot X1 offers a workspace of $211.68 \times 118.37 \times 200$ mm, ideal for decorations, prototypes or jewelry. Print toys, birthday gifts, ornaments, game figures and much more!

Intelligent resin management system - Auto Feed Unit

The Halot X1 Combo additionally includes an intelligent Auto Feed Unit (AFU) that automates resin handling. It offers automatic feeding and draining of the material, recognition of its type, heating it to the optimal temperature and real-time preview of its quantity in the tank. After placing a bottle of resin with an RFID tag in the module, the printer itself reads its parameters and downloads the corresponding profile from the cloud. This eliminates the need for manual configuration and helps avoid mistakes.

Improved design and performance

The Halot X1 printer is designed for stability and ease of use. A new support structure minimizes vibration, and a quick-release work plate makes it easy to remove prints. A high-precision Z-axis guide with 0.01 mm accuracy ensures smooth movement and uniform layers in the range of 0.01-0.2 mm, while the high print speed - up to 170 mm/h - helps shorten project turnaround times. The Halot X1 also uses a Honeycomb Matrix light source that provides even illumination across the entire work surface. The high exposure intensity ($6500 \pm 10\% \mu\text{W}/\text{cm}^2$) increases print speed without sacrificing quality, and the 92-zone intelligent exposure system adjusts to the model geometry, improving

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detail reproduction.

Easy operation and software compatibility

The printer works with the dedicated HALOT BOX software and the popular ChituBox, allowing full integration of hardware and software. A 3.98-inch touchscreen is also at your disposal for convenient operation of the device.

Included

- Creality Halot X5 3D printer
- AFU module

Manufacturer	Creality
Name	Halot X5 Combo
Model	1203040118
Working area	211.68 × 118.37 × 200 mm
Printer dimensions	344 × 331 × 434 mm
Weight	12.75 kg
Printing technology	LCD
Light source	Honeycomb Matrix
Exposure intensity	6500 ±10% μW/cm ²
Screen resolution	16K (15120 × 6230 pixels)
Pixel size	14 × 19 μm
Z-axis accuracy	0.01 mm
Layer thickness	0.01-0.2 mm
Printing speed	Up to 170 mm/hour
Touch screen	3.98-inch capacitive screen
Software	HALOT BOX / Chitu Box

Data transfer

USB / Wi-Fi

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Input voltage 100-120 V~ 200-240 V~, 50/60 Hz

Power 350 W

Printer type: LCD , Printing speed (mm/h): 170, Information about data generation:

<https://dataact.innpro.pl/creality/6975471800326>, Gross weight: 16010, Net weight: 12750, Box length: 43,00, Box width: 42,00, Box height: 53,50