

HALOT-X1 Max

Enjoy!

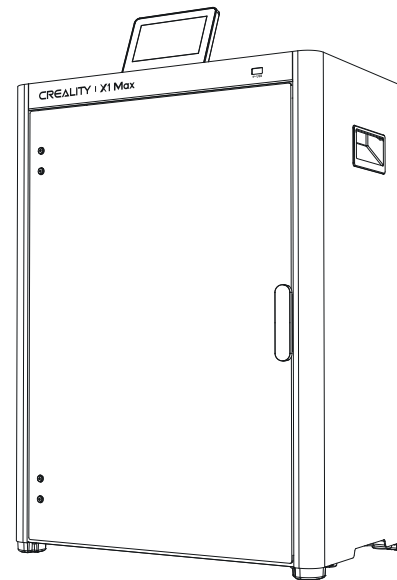


Please visit the Creality website for more machine operation and maintenance tutorials.

Note: The UI interface is only for reference, and shall be subject to the actual UI.

HALOT-X1 Max

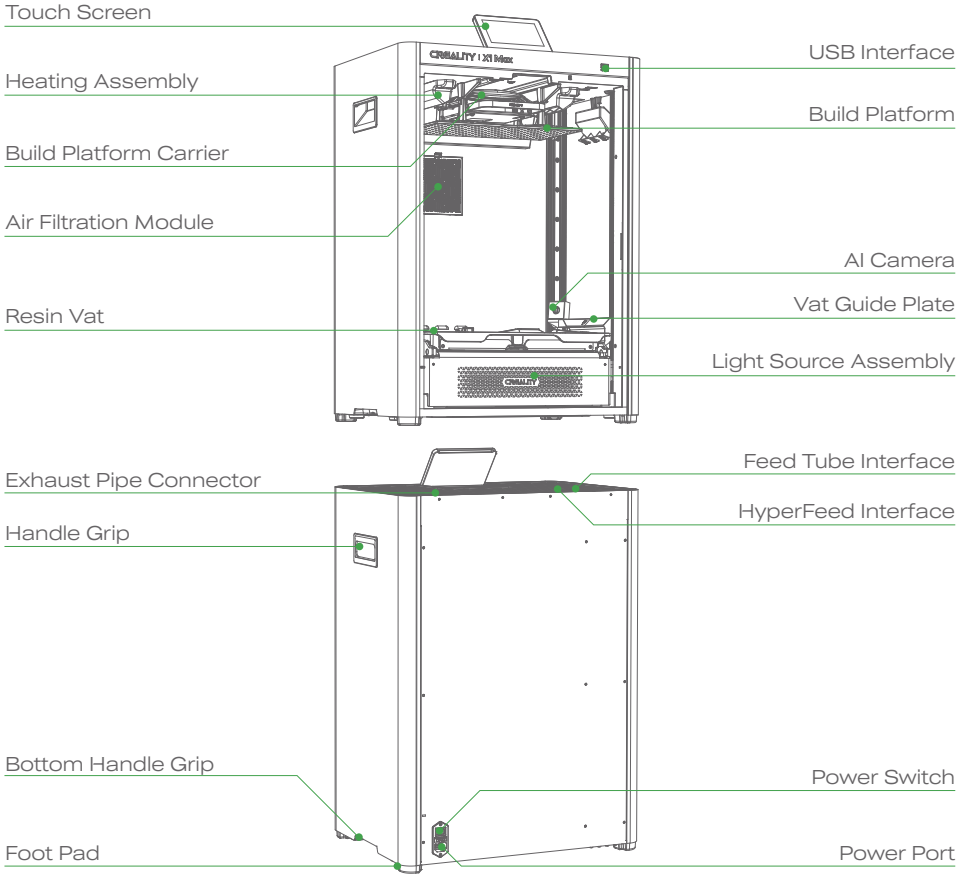
Quick Start Guide



Please refer to this guide to complete the installation and printing of the printer.

⚠ Safety Notice: Do not power on the printer before installation is complete, without indoor caution for 5.2G.

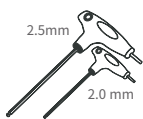
Component Introduction



List of Accessories



USB Drive ×1



Hex Keys ×2



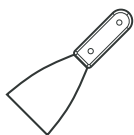
Plastic Scraper ×1



Power Cable ×1



Filters ×4



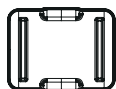
Metal Scraper ×1



Lubricating Grease ×1



Gloves ×4



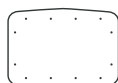
Tray ×2



Respirator ×2



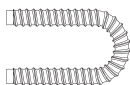
Release Film
Punching Tool ×1



Punching Alignment
Board ×1



Release Texture
Protective Film ×1



Exhaust Pipe
×1



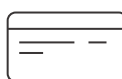
Film Installation
Kit ×1



Qualified
Certificate ×1



Quick Start
Guide ×1



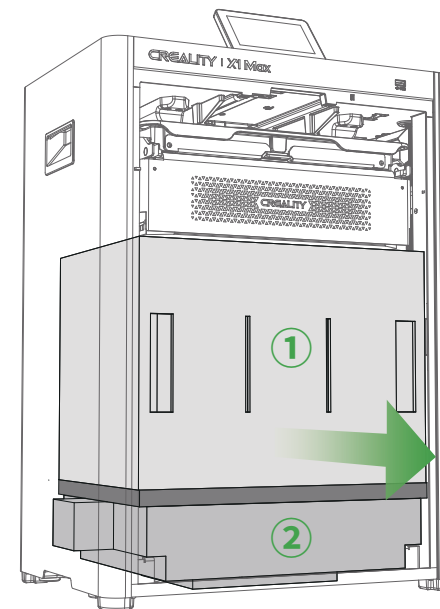
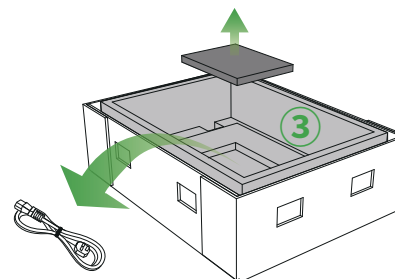
After-Sales
Service Card ×1

Initial Power-On

- 1 After removing the machine according to the unboxing instructions on the top of the packaging, open the chamber door and remove the internal cardboard and foam inserts (as shown in Figure ①). Pull out the bottom foam (as shown in Figure ②), then take out the exhaust pipe, build platform, tray, and accessories.
- 2 Take out the power cord from the foam insert at the bottom of the carton (as shown in Figure ③).



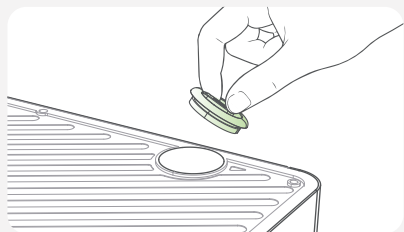
Video Tutorial



Safety Notice: The printer is heavy. Two persons are required for lifting and transport. Handle with care to ensure personal safety and prevent equipment damage.



Initial Power-On



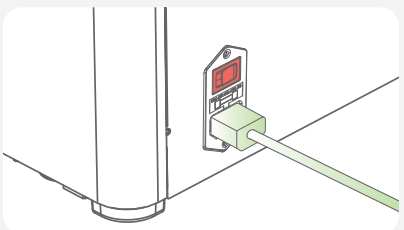
Pinch and pull up to remove the dust cover from the exhaust port.

(Note: Keep the dust cover in a safe place.)

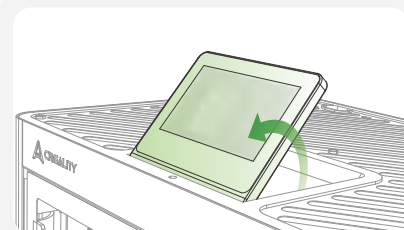


Insert the exhaust hose into the port and turn clockwise to lock. Route the other end out of a window or to a well-ventilated area.

3 Install the Exhaust Hose



Connect the power cord and turn on the switch to power up the device.



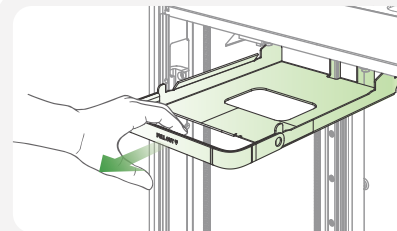
Adjust the screen to a suitable angle. Follow the on-screen prompts to complete the initial setup and enter the home page.

4 Powering on for the First Time

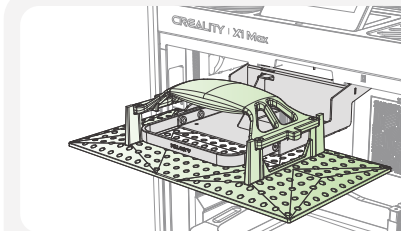


Safety Notice: Resin printing produces trace amounts of VOCs. It is recommended to install the exhaust hose and use the device in a well-ventilated environment.

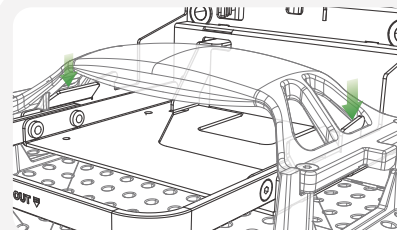
Installing the Build Platform



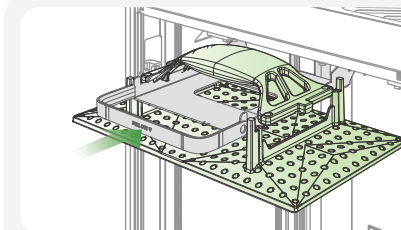
Pull the handle outward horizontally and slide the platform carrier to its fully extended position.



Pass the build platform horizontally through the carrier.



Align with the slot grooves on both sides and seat the platform into place.



Push the handle back until it locks into place (an audible "click" confirms the installation is complete).

Note: The build platform is pre-installed at the factory by default.



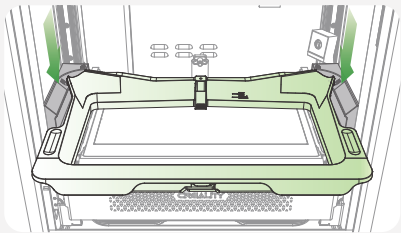
Install the Resin Vat (Pre-installed)



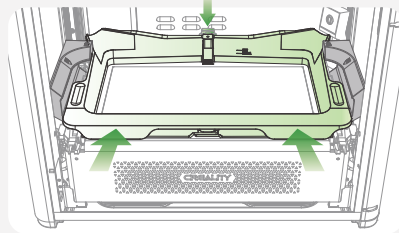
Tap [**Print Control**],
then select [**Z-Axis Movement**].



Tap [**Homing**]. Wait for the light
source module to reset and unlock the
resin vat before proceeding.



Hold both ends of the resin vat, align it with
the side guide slots, and insert it vertically
into the rails.



Push the vat horizontally along the rails until it
stops or the feeding nozzle engages.
Installation is complete.

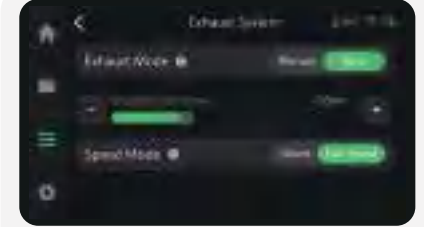


Note: Reset and unlock before removing the resin vat. Do not force removal while locked.

Enabling Exhaust & Heating Systems



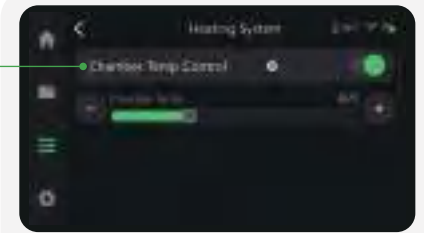
Access the [**Print Control**] interface.



Select [**Exhaust System**] inside
[**System Settings**] and set the exhaust
mode to Auto or Manual.

Enable Exhaust System

The chamber temperature is maintained as stable
condition so as to improve the print quality and
consistency.

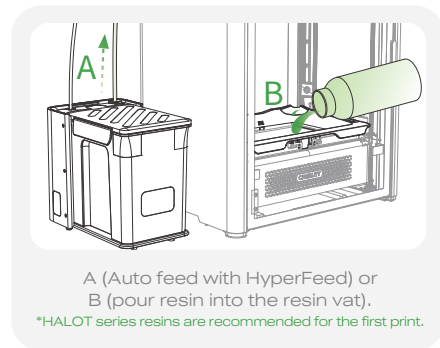


Select [**Heating System**].
Turn on [**Chamber Temp Control**].

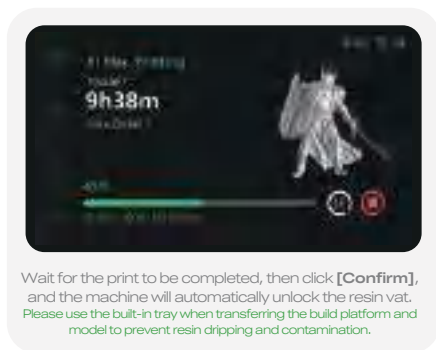
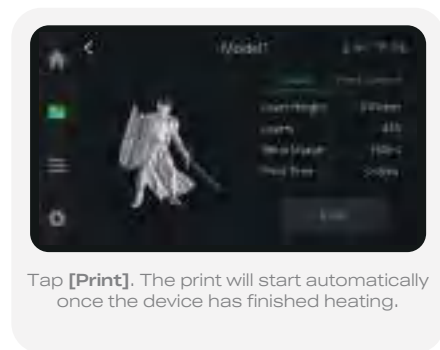
Enable Heating System

Note: The exhaust and heating systems are enabled by default. The UI shown is for reference only, the actual interface may vary. 

First Printing

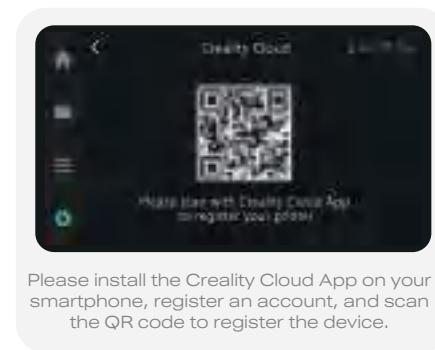
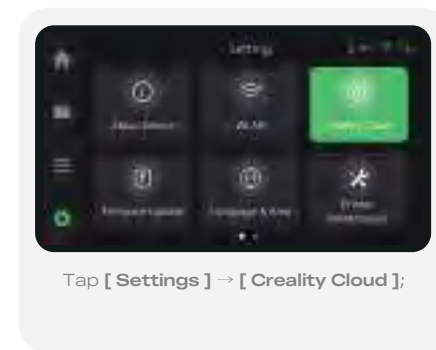
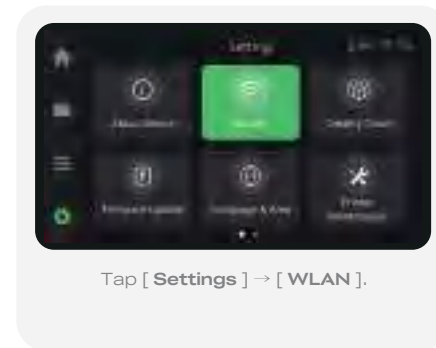


① ②
③ ④



Note: Do not exceed the MAX fill line when feeding manually. The UI shown is for reference only, the actual interface may vary.

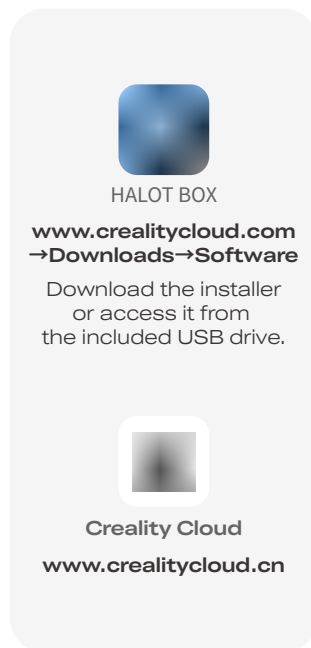
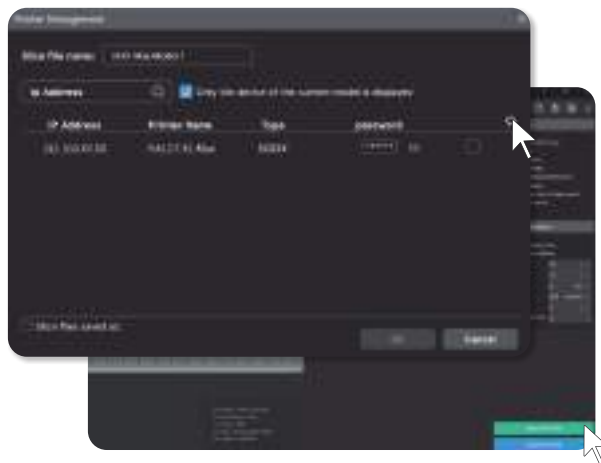
Network Connection & Cloud Access



The UI shown is for reference only, the actual interface may vary.

Send Wirelessly to Printer—HALOT BOX

- 1 Run HALOT BOX, complete model slicing up to the [**Export**] step, and click [Send to Printer] in the bottom right corner.
- 2 Click [↻] to refresh the current online device list, select your printer, and send.



 Note: Ensure that HALOT BOX and the printer are connected to the same WLAN. The UI shown is for reference only, the actual interface may vary.

Cleaning and Maintenance

Build Plate Cleaning

- ① Carefully remove the model from the base using a metal scraper.
- ② Clean the platform thoroughly by spraying it evenly with IPA or soaking it in an IPA container.

Resin Vat Cleaning

- ① Reclaim leftover resin. If debris remains, go to [Print Control] > [Screen Exposure] > [Clean Screen]. Once finished, carefully peel off the cured layer using a plastic scraper.



- ② Clean the vat thoroughly by spraying it evenly with IPA.

Screen Cleaning

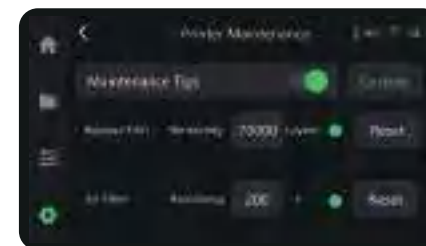
After printing, wipe the LCD screen with IPA and a soft, lint-free cloth to prevent resin residue.

Moving Parts

Regularly clean and lubricate the lead screw, linear rails, and the mounting contacts of the build platform and resin vat.

Consumables

On the home page, tap [Settings] > [Device Maintenance] to enable maintenance prompts.



- ① **Release Film**
Replace the release film promptly when it reaches its recommended lifespan or shows damage to ensure optimal print quality.
- ② **Air Filter**
Replace the air filter promptly when it reaches its recommended lifespan to ensure optimal performance.

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Technical Parameters

HALOT- X1 Max		
Printing Technology		LCD
Machine Parameters	Printing Size	302.4×161.98×350 mm (17.1L)
	Machine Size	500×350×692 mm
	Package Size	600×450×800 mm
	N.W.	34.7 kg
	G.W.	42.7 kg
LCD Screen	Screen Size	13.5-inch (Monochrome Screen)
	Resolution	16K (15120*6230px)
	Pixel Size	20*26 μm
Light Source	Light Source Type	Honeycomb Matrix Light Source
	Light Uniformity	≥90 %
	Z-axis Accuracy	0.01mm
Z-axis	Motion Mechanism	Moving Light Source + Stationary Build Plate System
	Z-axis Frame	Fourfold Gantry Motion Structure
Build Platform		Sandblasted Oxidized Build Plate
Release Film		ACF, Printable Layers: 70,000
Printing Speed		Max Speed: 80 mm/h (0.2mm layer height)
		Typical Speed: 45 mm/h (0.1mm layer height)
Layer Thickness		0.03-0.2 mm

Technical Parameters

HALOT- X1 Max		
Quick-Release System	Quick-Release Build Platform	Yes
	Quick-Release Resin Vat	Yes
Automatic Resin Feeding		HyperFeed (Optional)
Leveling Method		Leveling-Free
Heating System	Build Platform Preheating	Yes
	Chamber Temperature Maintenance	Yes (25-40 °C Adjustable)
Exhaust System	VOC Filtration	Yes
	Air Circulating Exhaust	Yes (Silent/Full-Speed Mode)
AI Camera		Yes (Residue Detection, 1080P Time-Lapse Photography)
Sensors	Component In-Place Detection	Yes (Build Plate and Resin Vat In-Place Detection)
	Door Open Detection	Yes
	Resin Level Detection	Yes (AI Image Recognition)
	Force Sensor	Yes
	Equipment Levelness Detection	Yes
LED Lighting		Yes
Touch Screen		5.0-inch, 90° Adjustable Capacitive Touch Screen
Slicing Software		HALOTBOX / CHITUBOX / Lychee Slicer
Connectivity		USB drive / WLAN (5G & 2.4G)
Input Voltage		100-120/200-240 V~, 50/60 Hz
Rated Power		1350 W (When chamber heating is turned on)

IC ID Requirement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC Requirement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference;
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



This product is designed for indoor use only.