

HyperFeed

Enjoy!

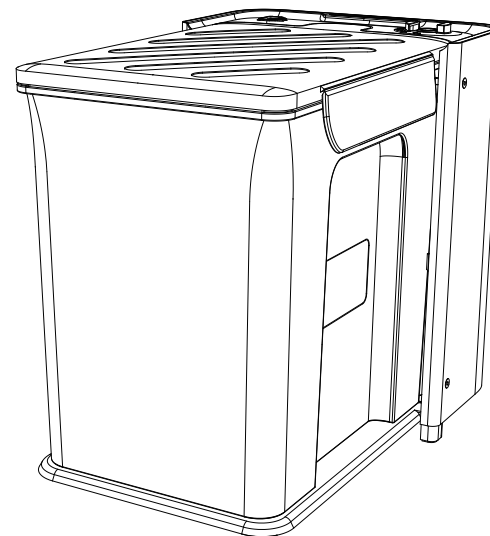


Please visit the Creality website for more machine operation and maintenance tutorials.

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

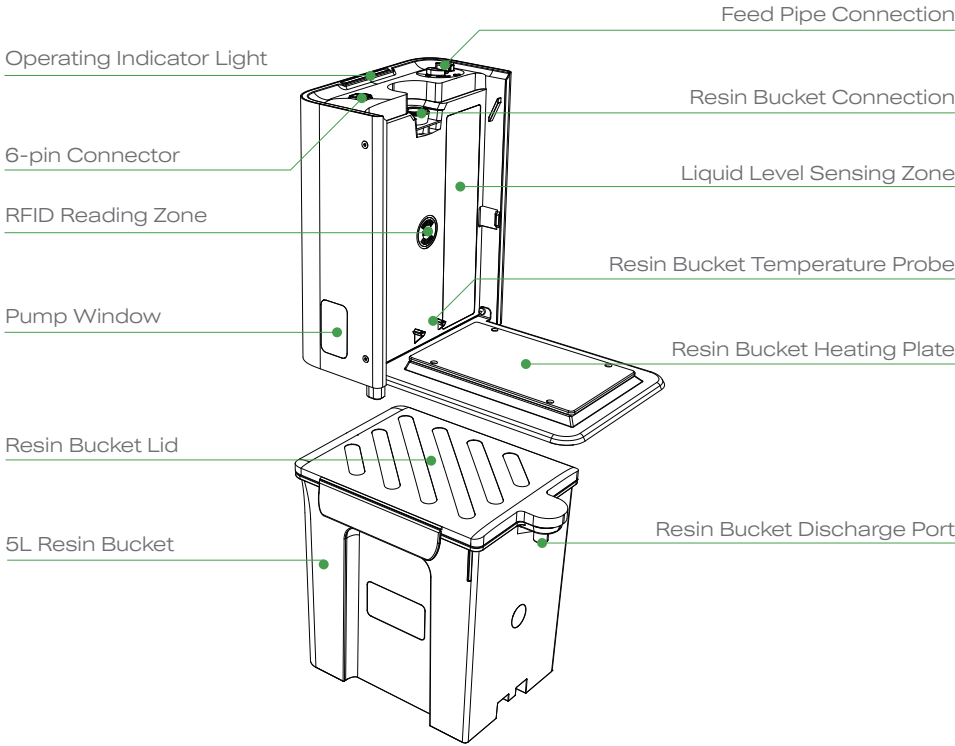
HyperFeed

Quick Start Guide



Follow this guide to easily install and use HyperFeed

Component Introduction



List of Accessories



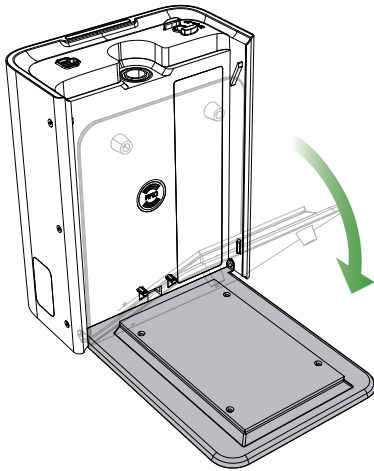
Quick Installation Guide

1. Unpack the equipment and accessories

Unpack the box, take out the HyperFeed and its accessories, and check to make sure all the accessories are included.

2. Unfold the base

Place the HyperFeed flat on the desk and unfold the base downward.



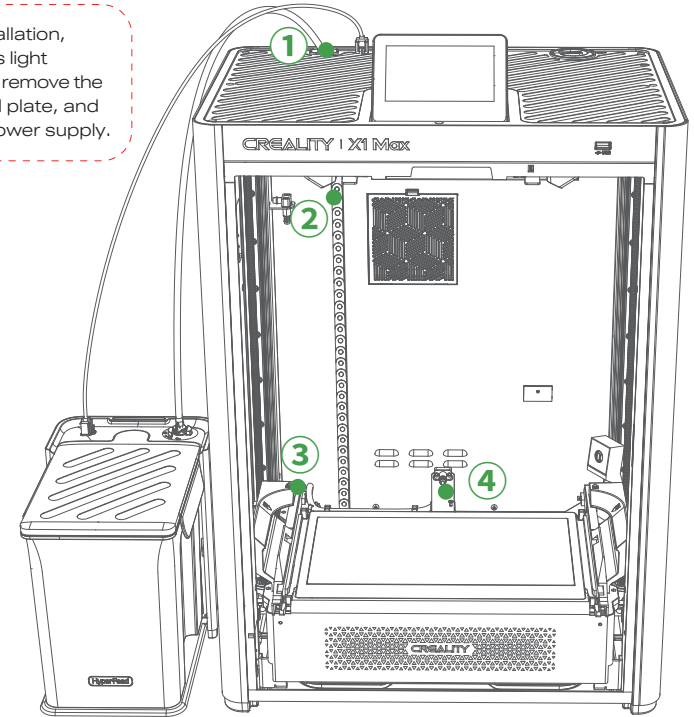
Video Tutorial

Quick Installation Guide

3. Install the piping assembly (HALOT-X1 Max)



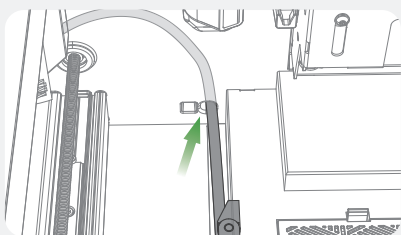
Note: Before installation, home the printer's light source assembly, remove the resin vat and build plate, and disconnect the power supply.



Note: Before installing the piping components, please completely cover the print screen with a piece of cardboard or foam of the appropriate size to prevent scratches or impacts to the print screen during installation. 

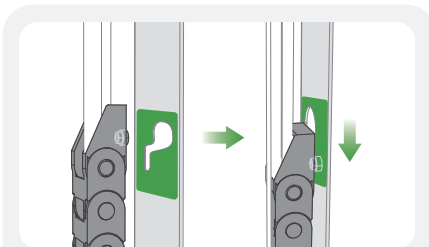
Quick Installation Guide

3. Install the piping assembly (HALOT-X1 Max)



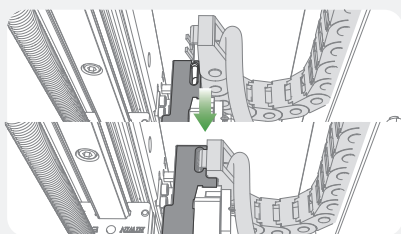
Push the tubing through the opening inside the machine body, leaving an appropriate length.

①



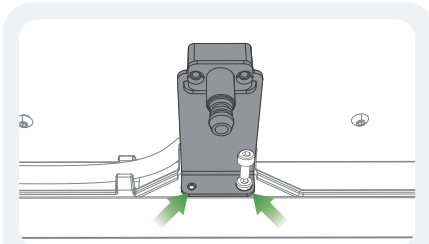
Adjust the position of the cable chain as shown in the illustration, align one end of the latch with the hole, insert it, and pull down to secure it.

②



Hold the clip at the other end of the cable chain, align it with the retaining notches on the inside of the light source assembly, and secure it in place.

③

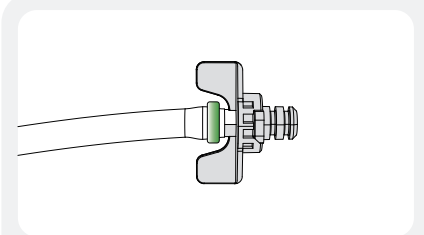


Mount the feed nozzle by aligning its holes with the printer's positioning pins and screw holes, then tighten the screws; secure the wire harness to the clip as needed.

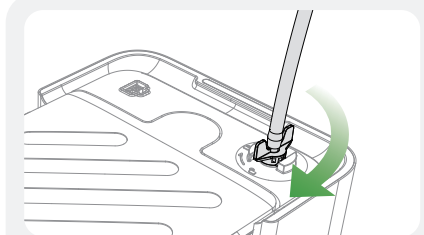
④

Quick Installation Guide

4. Connect the piping

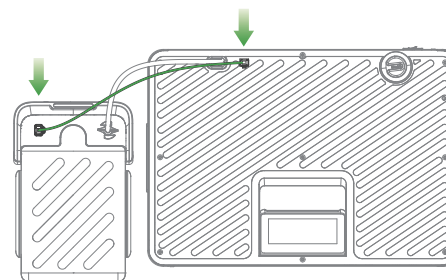


Install the quick-release fitting onto the end of the tubing extending outside the printer, and secure it tightly with a zip tie.



Insert the HyperFeed feed tube connector and turn it clockwise. The quick-release coupling is now secured.

5. Connect the 6-pin control cable

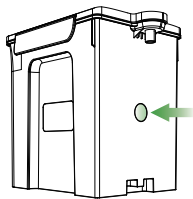


Note: Do not hot-swap the 6-pin control cable! Be sure to disconnect the printer from the power source before plugging or unplugging the cable.



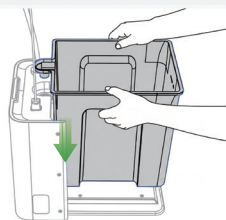
Quick Installation Guide

6. Install the bucket



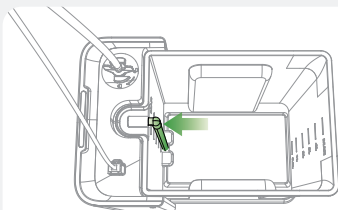
For HALOT resin, peel the bottom RFID label and stick it inside the resin bucket.

① Apply the RFID tag



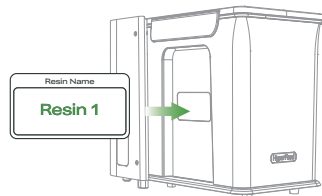
Align the interface, hold the resin bucket with both hands, and press it vertically into the HyperFeed main

② Install the resin bucket



Align the straw with the bottom groove and insert it.

③ Install the resin bucket suction tube



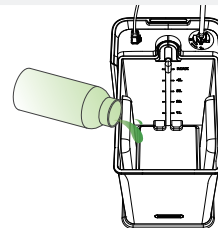
Write the resin name on the label, and apply it to the designated location on the resin bucket.

④ Apply labels



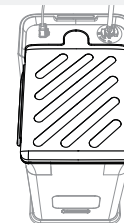
Note: When installing the suction tube, check that the lower opening is vertical or within the stop frame.

First-Time Use

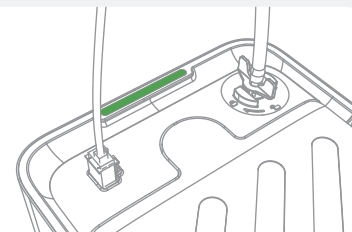


Pour the resin along the edge;
(Please do not exceed Max level.
The max volume is 5L)

① Add the resin

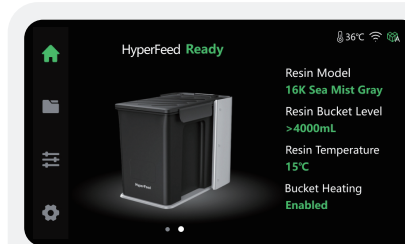


Install the resin bucket lid and snap the latches on both sides into place. The resin can be stored for long periods.



When the printer is turned on, the HyperFeed indicator lights up green;

② Connect the printer

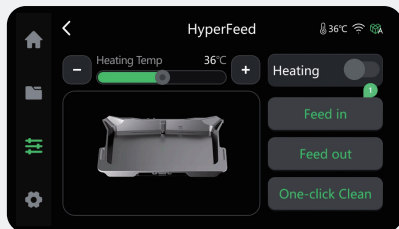


Swipe left on the printer's home screen to bring up the HyperFeed home screen; this indicates a successful connection.

Note: If the HyperFeed indicator light is off, the printer's home screen does not respond when swiped to the right, or the printer is malfunctioning, please try restarting the printer or repeating the installation steps.

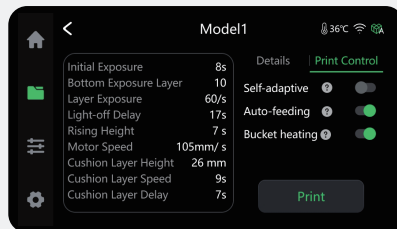


Operating Mode



Select [HyperFeed] in [Print Control] to configure spool heating and manually feed or retract filament.

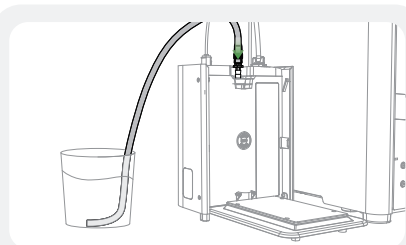
① Manual Control



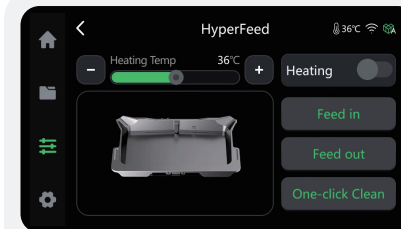
Go to the slicing file page and enable the [Auto-feed] and [Bucket heating] functions.

② Automatic Control

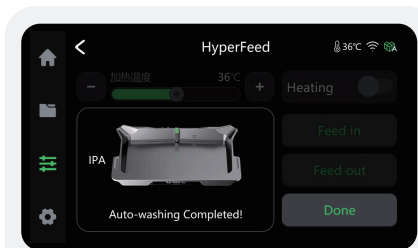
Clean the Piping / Replace the Resin



Connect the end of the cleaning tube assembly with the fitting to the HyperFeed, and place the other end into a container filled with alcohol.



Navigate to [Print Control] → [HyperFeed], then tap [One-click Cleaning] and follow the on-screen instructions.

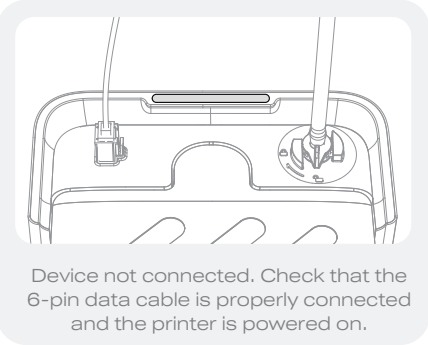


When the screen displays "Auto cleaning completed!", tap Done and remove the cleaning tube assembly.

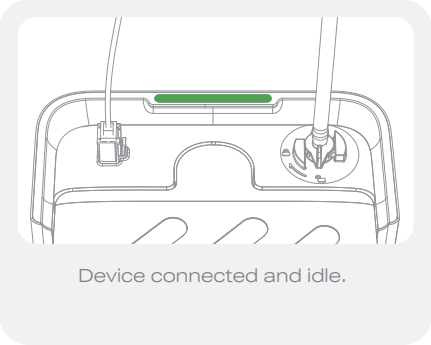
 Note: Before starting, unload the material, drain any remaining resin from the vat, and remove the old resin bucket.

Note: We recommend using 1,000 mL of alcohol. Please wear protective gloves while cleaning. 

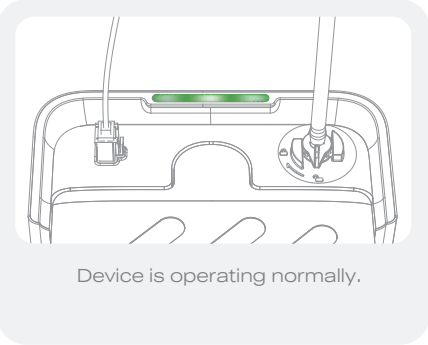
Status Indicator Light



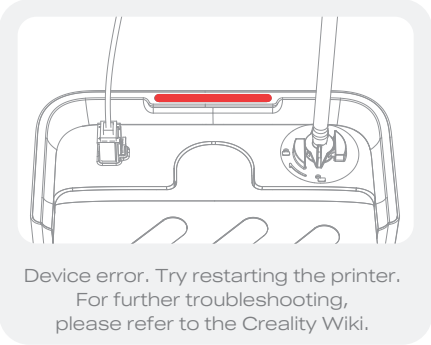
Off



Solid Green



Flashing Green



Solid Red

Technical Parameters

HyperFeed	
Machine Size	290×195×240 mm
Packaging Size	420×305×320 mm
N.W.	2.3 kg
G.W.	4.4 kg
Automatic Material Feeding	Yes
Heating System	Yes (Supports heat preservation function)
RFID Resin Parameter Sync	Yes
Remaining Volume Detection	Yes
Status Indicator Light	Yes
Feeding Speed	60~150 ml/min
Max Container Capacity	5000 ml
Rated Voltage	24V
Rated Current	8.3A
Rated Power	200W

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.

The device meets the exemption from the routine evaluation limits in issue 6 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la numéro 6 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

NFC Function Description

HyperFeed (the feeding module) obtains the resin parameters by reading data from the NFC chip on the resin container, and uploads the data to the HALO-X1 Max (3D printer) via a serial port. The 3D printer then sets the printing parameters based on the resin parameters.

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.