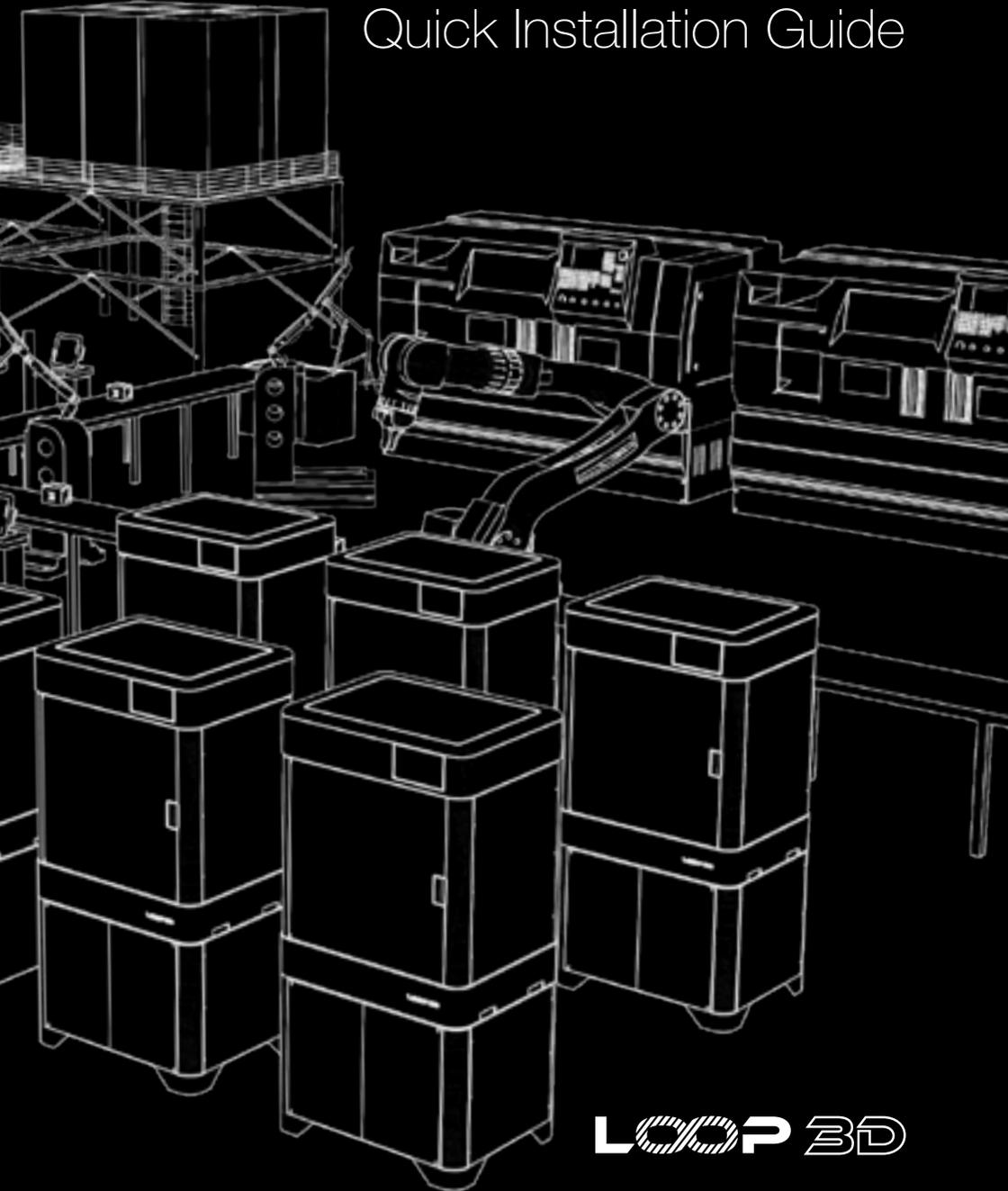


LOOP PRO X

Quick Installation Guide



LOOP 3D

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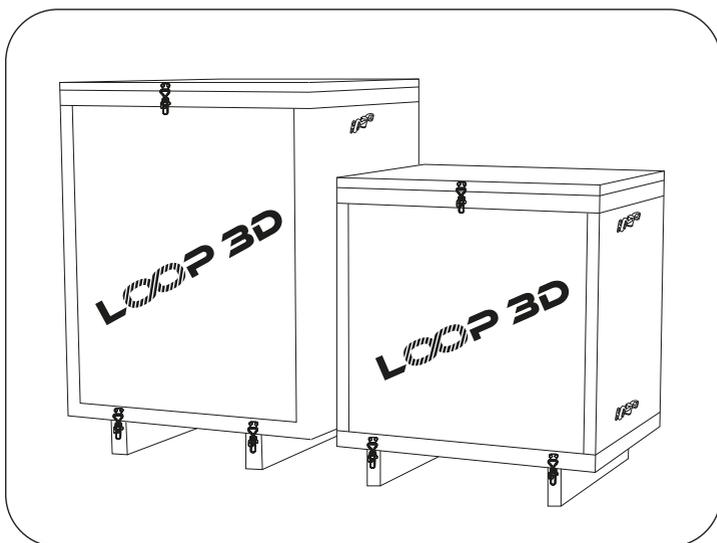
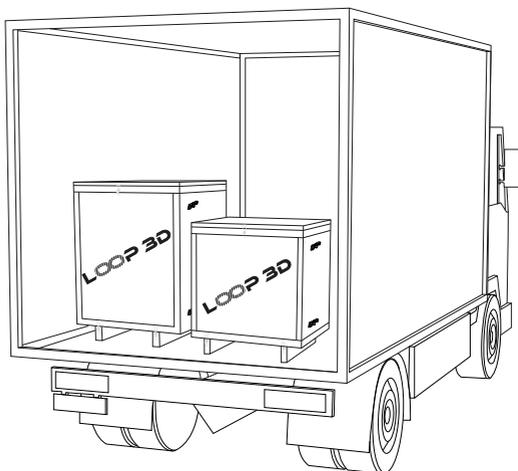


Follow the QR code for installation video

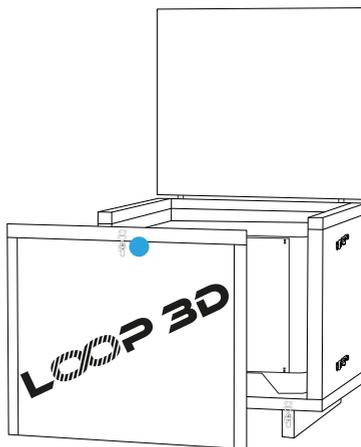
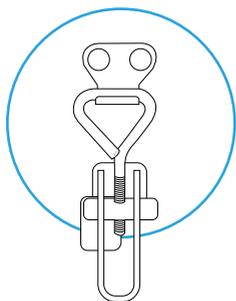
Setting-up



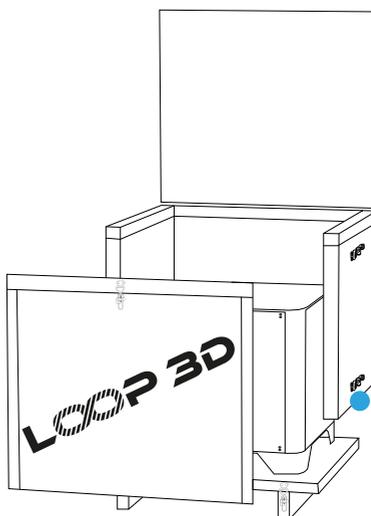
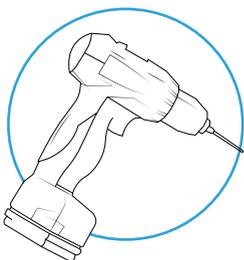
1 Lift down the crates with a forklift or a pallet jack into the desired place. Make sure that you placed the crates on the same floor which you are going to make the installation of the 3d printer.



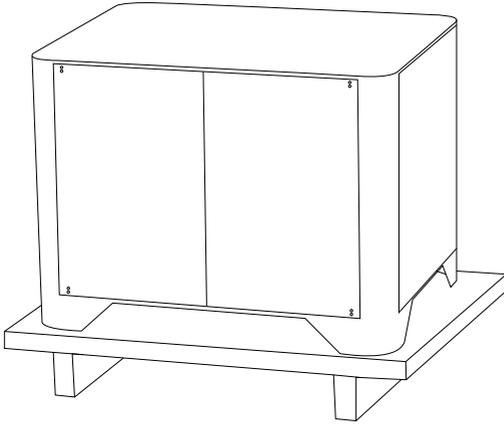
- 2** Unlock the cabinet crate's fasteners and remove all lids.



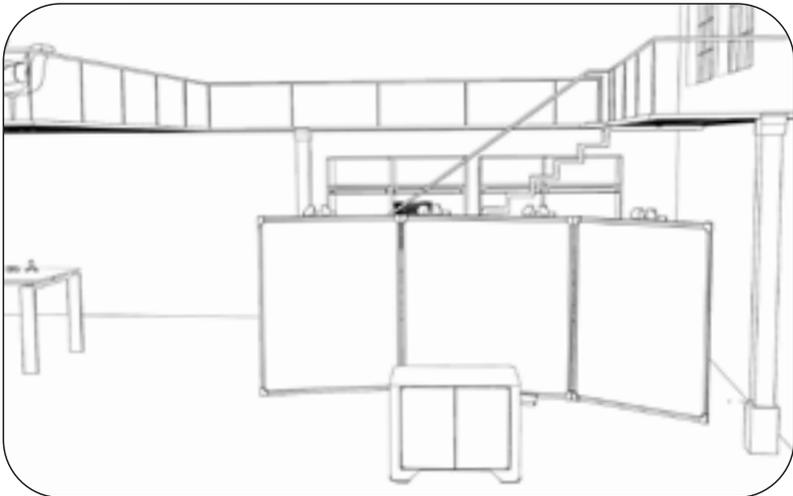
- 3** Unscrew the screws located at the bottom connection points of the crate and then remove the top and side lids together as one piece.



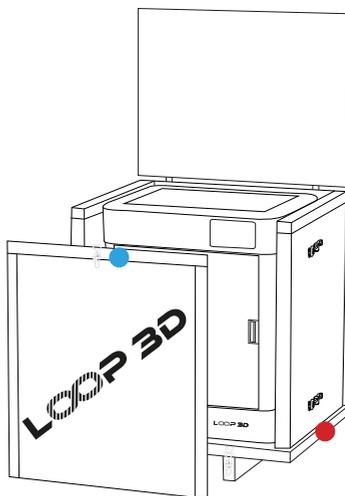
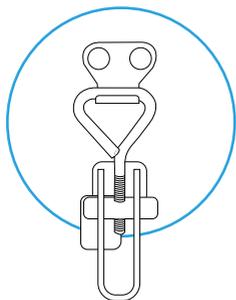
- 4** Carry the rest of the crate away with caution.



- 5** Place the cabinet on a rigid and stable ground.

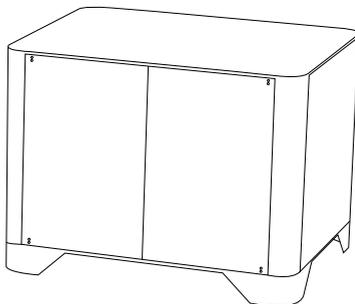
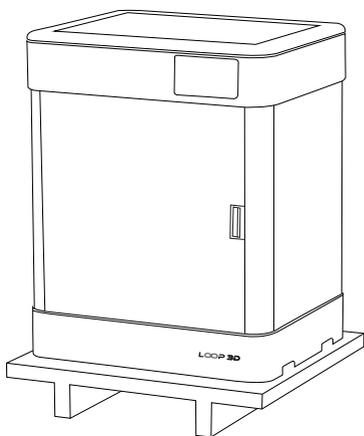


6 Unlock the fasteners located on right, left and front bottom of the crate.



Unscrew the screws located at the bottom connection points of the crate and then remove the top and side lids together as one piece.

7 Place the cabinet and the machine next to each other to make the carrying process easier.

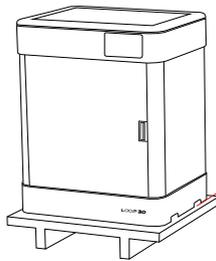
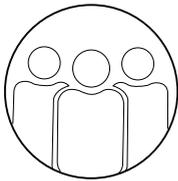




At least 3 people will be necessary

to place the machine on top of the cabinet.
As two persons will lift from the side handles,
one person will need to support from the
back of the machine to help balancing.

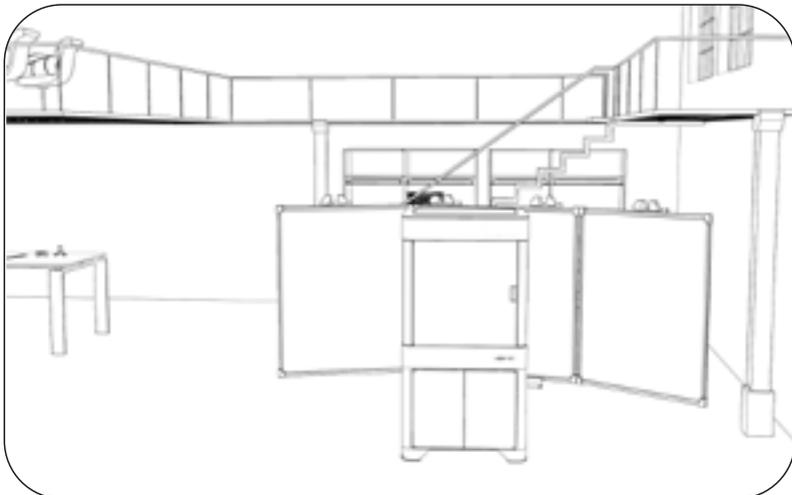
**Please wear protective equipment as the
machine itself is heavy.** Then lift and place
the machine on top of the cabinet carefully.



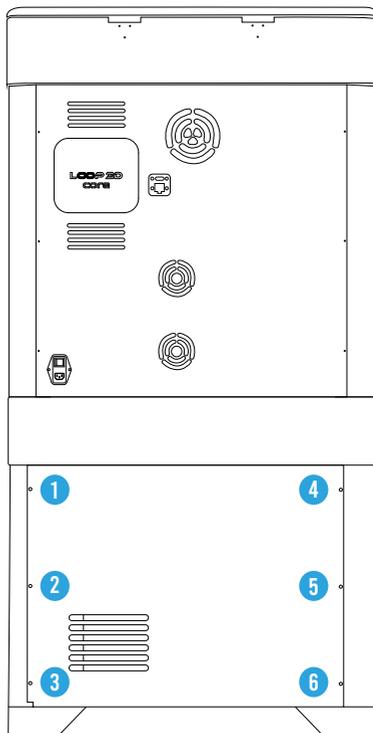
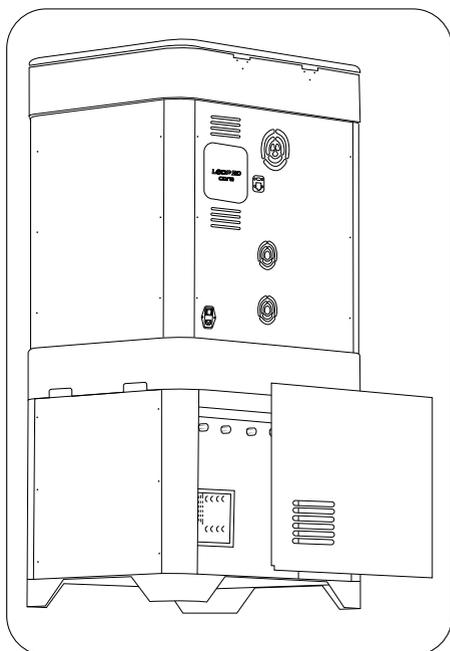
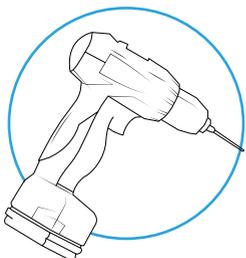
While lifting the machine,
please hold it from the gaps.

8

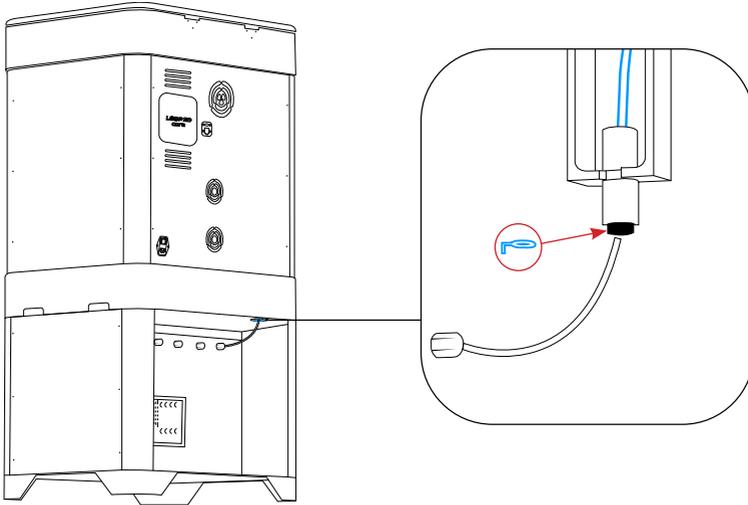
Machine shall be carried to the
installation site with the help of cabinet wheels,
and then the machine feet must be fixed.



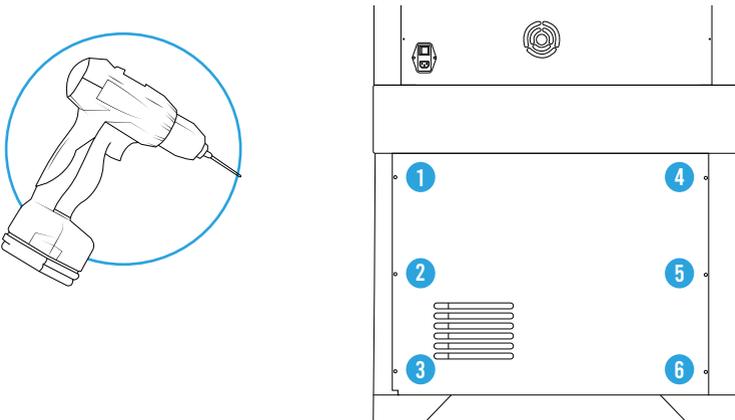
9 Unscrew the six screws behind the cabinet which hold the back lid, then remove and place the lid in a safe location.



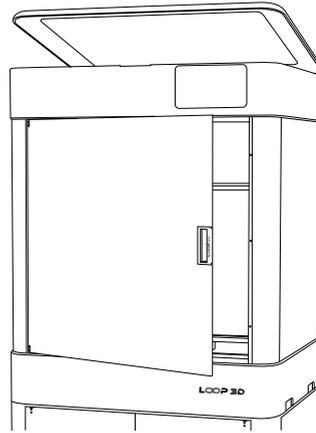
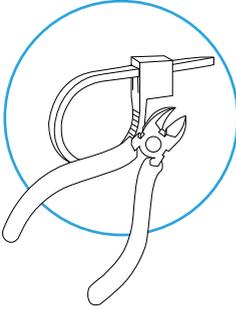
10 Remove the clip from bottom adapter inlet and insert the tube coming out from the drybox to the adapter's bottom inlet. Push the tube as much as it goes in, then place the locking clip to the adapter. After locking, push the tube a little more one last time to ensure that it is mounted successfully.



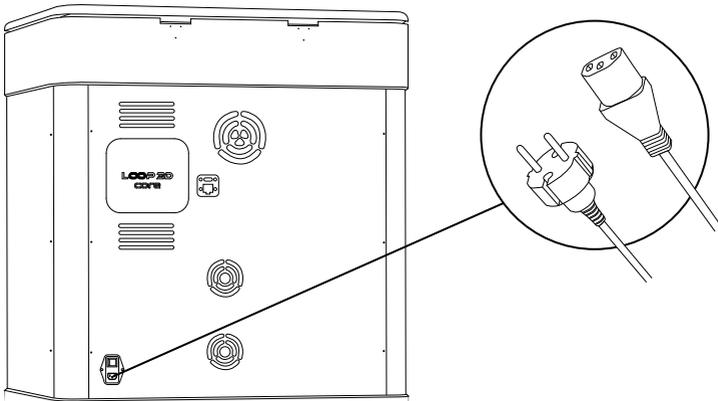
11 When done, place the lid at the back of the cabinet and tighten the six screws.



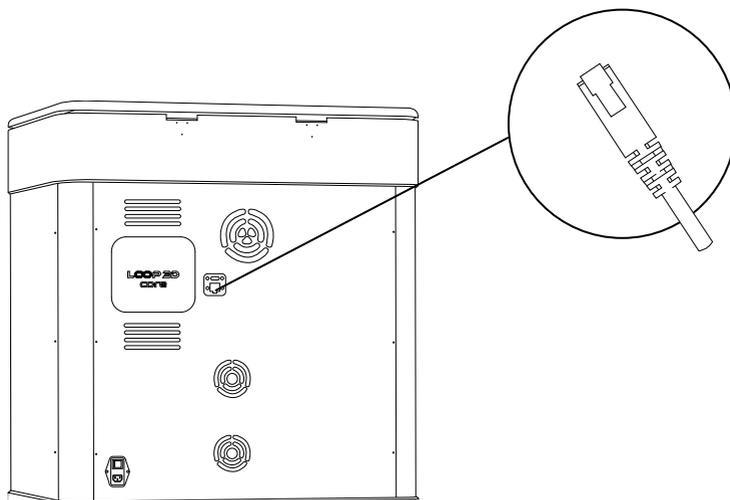
12 Open the front and top lids of the machine and remove the safety fillings, remove the tools that hold the axes from moving, then cut the cable ties with a side cutter.



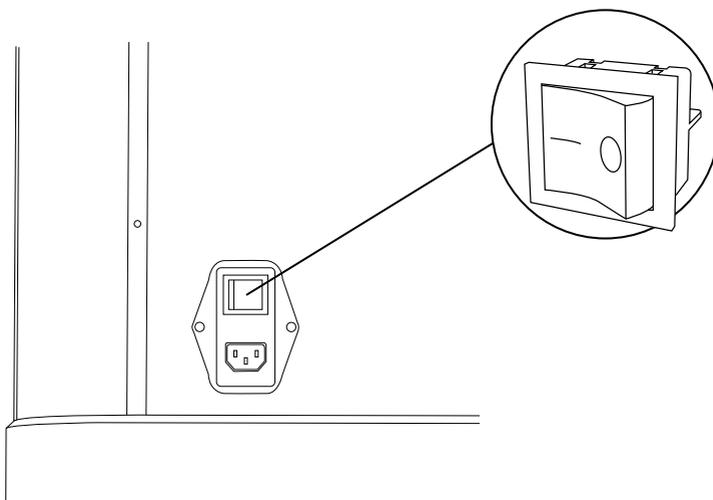
13 Plug the power cord to the power inlet behind the machine and then plug the other end to a voltage regulated UPS or at least to a surge protected socket.



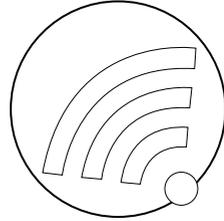
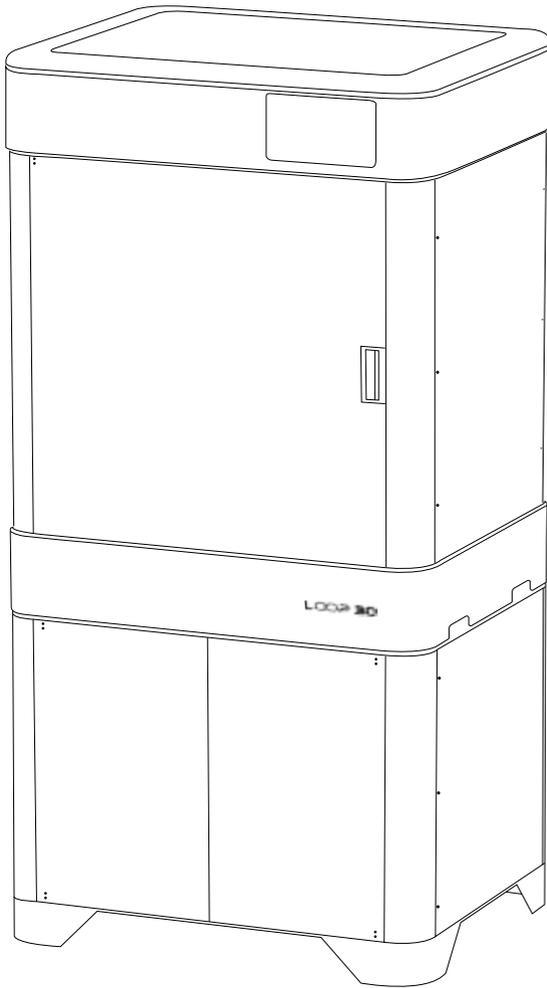
- 14** Connect an active ethernet line cable to the ethernet port behind the machine.



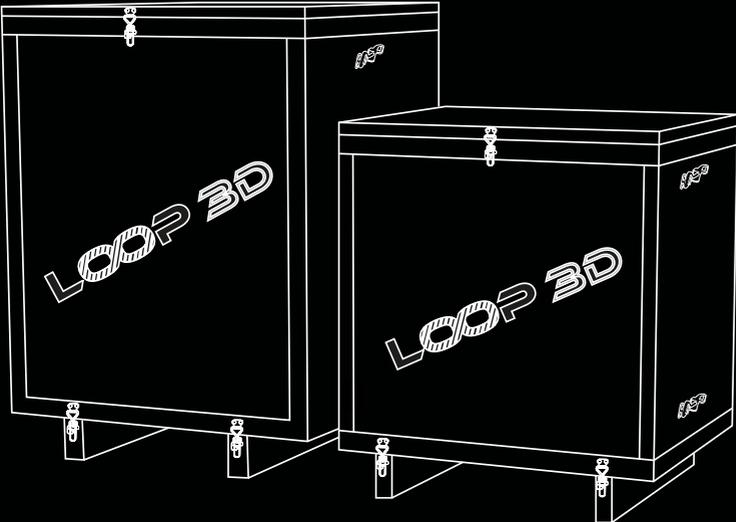
- 15** Turn on the machine using the power switch that is placed at the back of the machine.

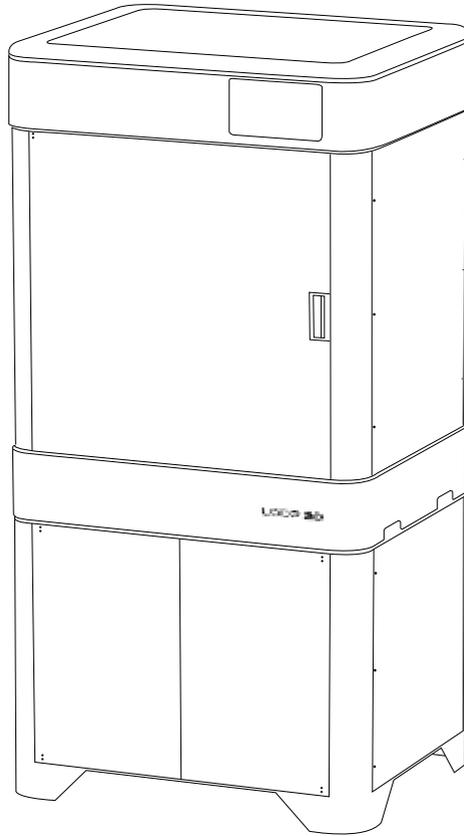


16 After the installation is fully complete, if you want to use the machine wireless instead of ethernet, you can go to settings from the main screen and connect to your wifi from the network tab.



Inside the Box

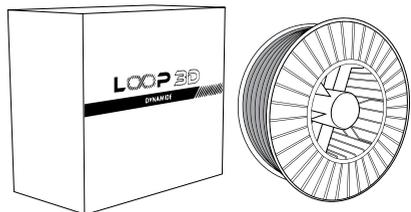




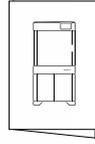
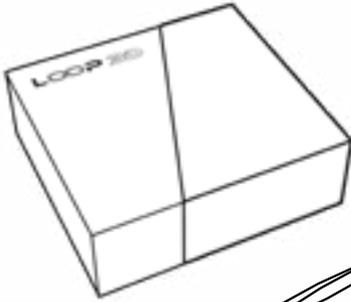
1x Spool
Dynamide CF Filament (2 Kg)



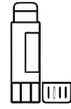
1x Spool
Dynamide GF Filament (2 Kg)



Box 1



Installation Guide



Stick Glue



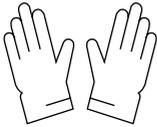
Tweezer



Allen Key



Nozzle Needle



Safety Gloves



Safety Glasses

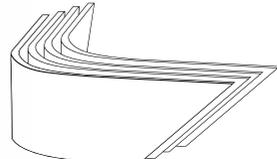
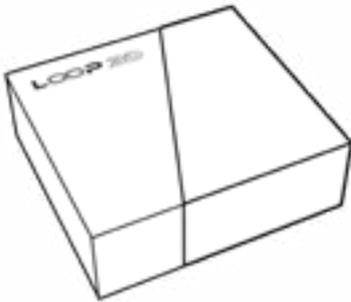


Cutter

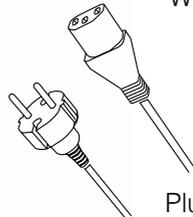


Pliers

Box 2

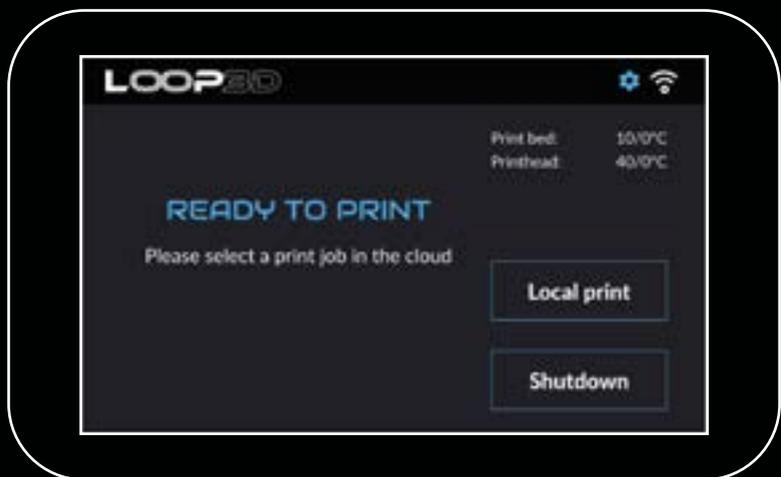


Wheel



Plug

Registering & Activating



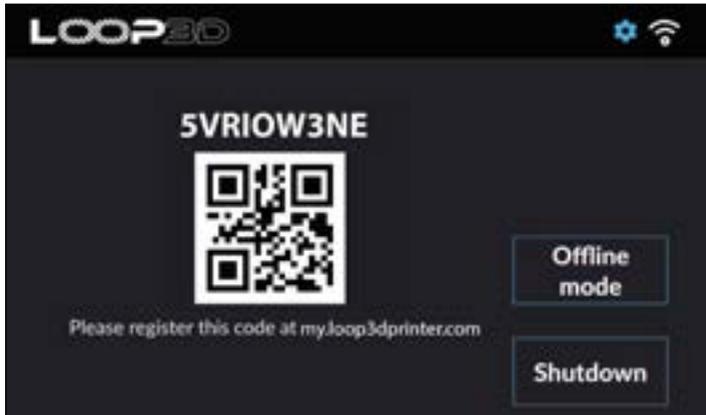
1 When the machine is turned on, if you don't have an active ethernet connection, the screen will prompt that it can't connect to a network so you will have to press **Wi-Fi setup to proceed.**



2 Find your **Wi-Fi** on the list and select it, **enter your password** if the connection is password protected.



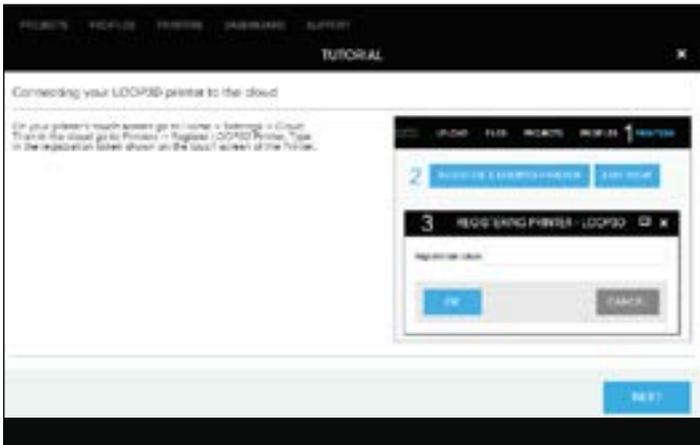
3 In the next step, screen will greet you with a QR-code and a Registration ID. Please **note that registration ID** down for further use.



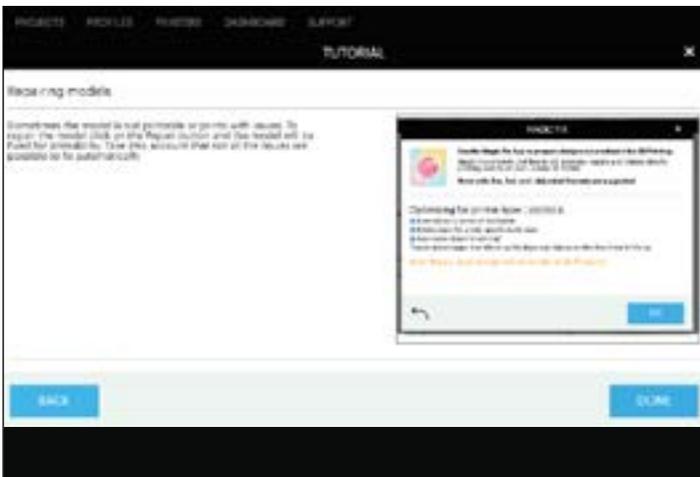
4 Go to my.loop3dprinter.com and **sign-up** for your LOOP 3D CLOUD account.



8 Tutorial will guide you on some basic operations of LOOP 3D CLOUD. Press **next** to proceed.



9 When you arrive at the last page of the tutorial, press '**done**' this will take you back to the main screen.



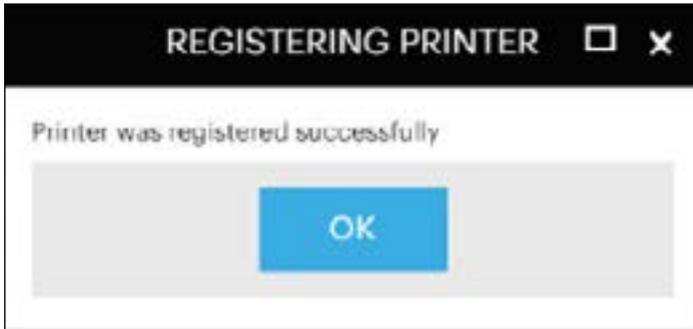
10 Select **PRINTERS** from the top menu and Click the **REGISTER A LOOP 3D PRINTER** button.



11 Enter your **registration ID**, then **press 'OK'**.



12 You will receive a message that informs, '*the PRINTER WAS REGISTERED SUCCESSFULLY.*' **Press 'OK'**.



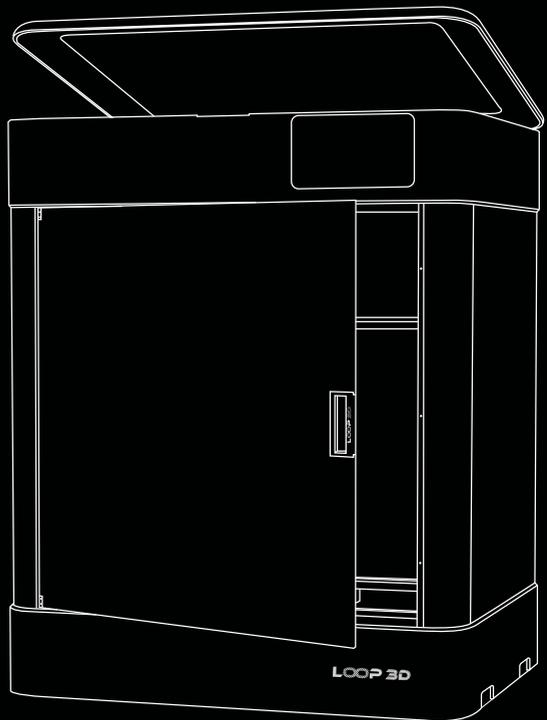
13 Now, your LOOP 3D PRINTER is successfully registered and ready to print.



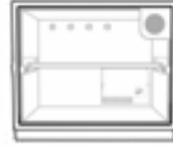
14 The QR code and the registration ID on your machine screen will change to "READY TO PRINT" screen. Now you are ready to print your 3D models with LOOP PRO 3D PRINTER.



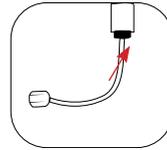
Getting Started



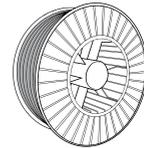
1 Plug in your LOOP 3D Printer and the Material Conditioning Unit, set the Material Conditioning Unit to the highest setting by turning the setting knob inside clockwise. Place the filament hanger rod to the second step from the front of the Material Conditioning Unit. Turn the printer on.



! *Please make sure the filament tube you attached goes to the very end of the filament tube adapter between the machine and the behind of the cabinet. After placing it properly and locking it, please push it one last time.*



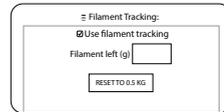
2 Go into Filaments tab and enter the "Load Filament" menu. Please follow the steps precisely not to encounter any problem. Filament roll placing direction is important, make sure that the spool turns clockwise while pushing the filament through the tube. When it comes to that step, **make sure you don't press 'Load before you stick the filament into the extruder properly**, it should be grabbed by gears.



3 To build surface area, **apply the glue stick** which is provided with the tool kit permanently and without leaving any rises and gaps.



4 Login to your **my.loop3dprinter.com** account and make sure your printer is defined under the Printers tab. Click the tools button right next to your printer and click the printer settings. Turn on the 'use filament tracking' option and enter 2000 to the weight box. You shall repeat this step everytime you load a new batch of filament. Filament tracking may not be precise. It will just give you a rough estimation on how much filament is left after a print.



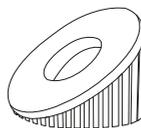
5 Go to the Files tab and upload your model. After uploading is done, click the 'layout' button to enter the model positioning interface. In this interface you can translate, rotate, copy and position your models as you wish.



Keep in mind that it is always better to choose a flat bottom surface with enough surface area. To ensure the model sticks to the build plate, the touching surface shall not be less than a couple of millimeters thick on x-y axes.

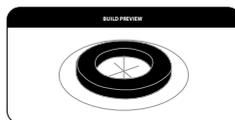
Before saving, press "On Bed" button to ensure you don't leave the model hanging in the air. When done, press 'save and exit.'

6 After saving, the user interface will direct you to the projects tab where you need to click the slice button right next to the last version of the model you prepared to print. When you click '**slice**', it will take you to the slicing interface where you need to select the proper slicing profile of the loaded material with the quality you desire.



200 and 150 micron profiles are more efficient and stable than the 100 micron profiles. For faster results use the 200 micron profiles, for higher quality but slower prints use the 150 micron profiles. If your models have more than 40 degrees angle from the surface, you need to turn on generate support option which will automatically generate a break away support structure wherever needed. When you are done, select "**Slice & Toolpath**" for preview.

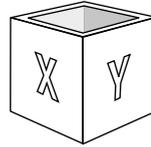
7 A new screen will pop up where you will be able to preview how your print is going to be done layer by layer. If you are happy with the results, click '**Print**' and select the print button right next to your printer on the pop up window.



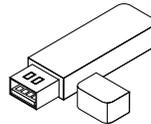
8 Your printer will download the slice file and **start heating up**. After heating is done it will start printing. We suggest you to observe the first layer of the print to make sure everything is going well.



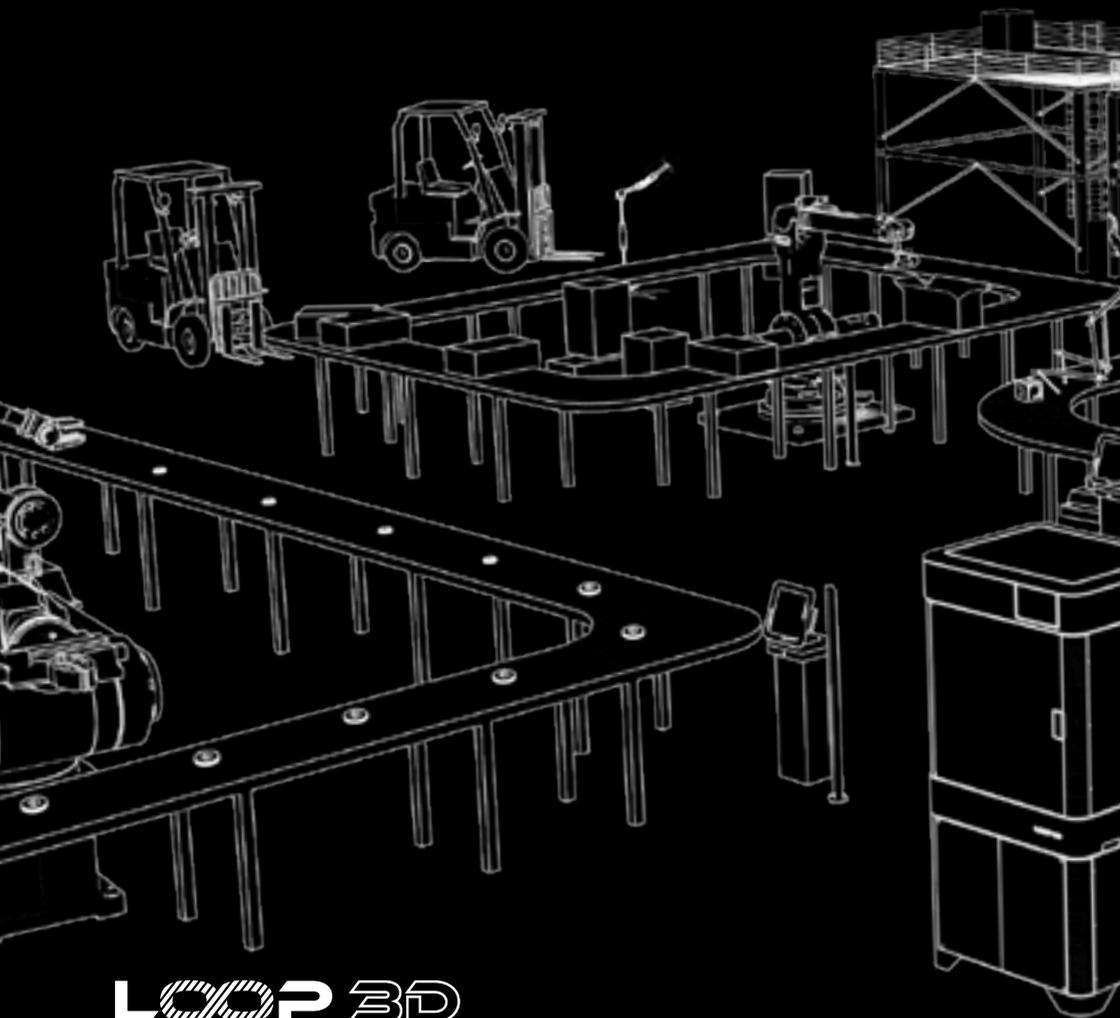
9 We suggest you to start with one of the sample models that are already pre-loaded on your account for example like the **ripple test**. So you can ensure everything is good to go before sending a more complex print.



10 If you don't want to send the print online, you can also click one the name of the sliced gcode file and download it. Then you can copy it to a **USB stick** and plug the stick to the USB port at the back of the machine. From the screen select local print and find your slice file on the list. Select your file and then select print, the print process will start accordingly.



LOOP 3D



LOOP 3D

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