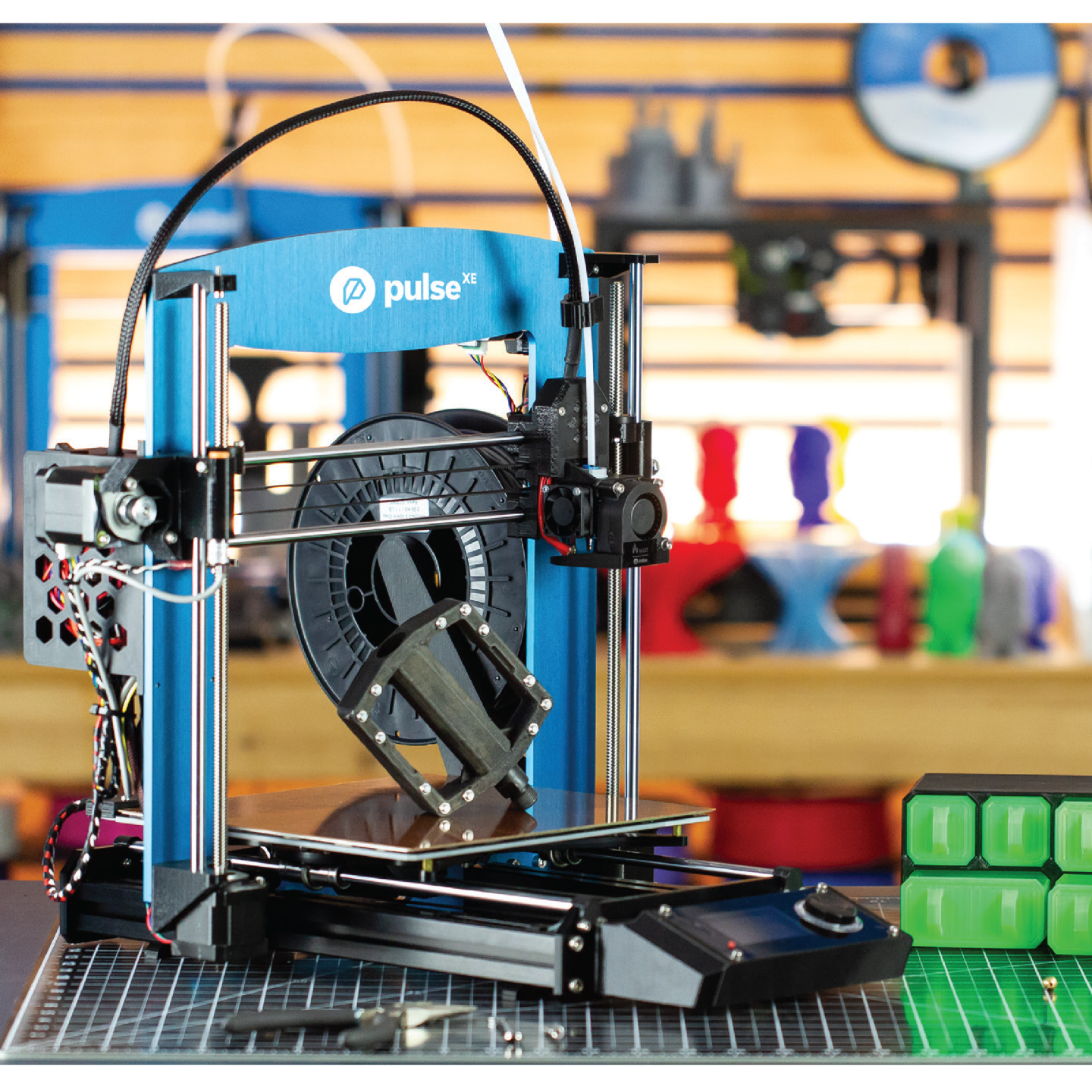





pulse

— BY MATTERHACKERS —


**GETTING STARTED
GUIDE**



 pulse^{XE}



WELCOME TO THE

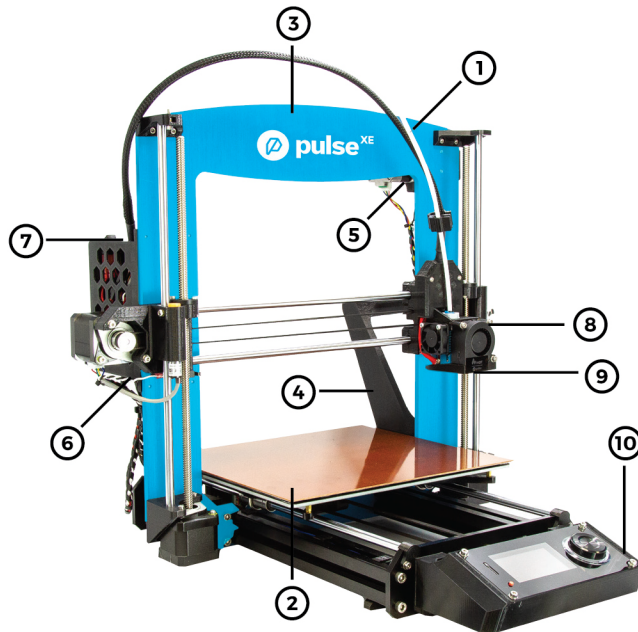


pulse

FAMILY

matterhackers.com/pulse

Getting Started Guide V#124



STEP 1

UNBOXING

| Remove printer and accessories from the packaging.

PULSE - AT A GLANCE

1. Bowden Tube
2. Build Plate
3. Frame
4. Spool Holder
5. Extruder
6. Power Socket
7. USB Port
8. Hotend
9. Nozzle
10. VIKI Control Panel Interface

STEP 2

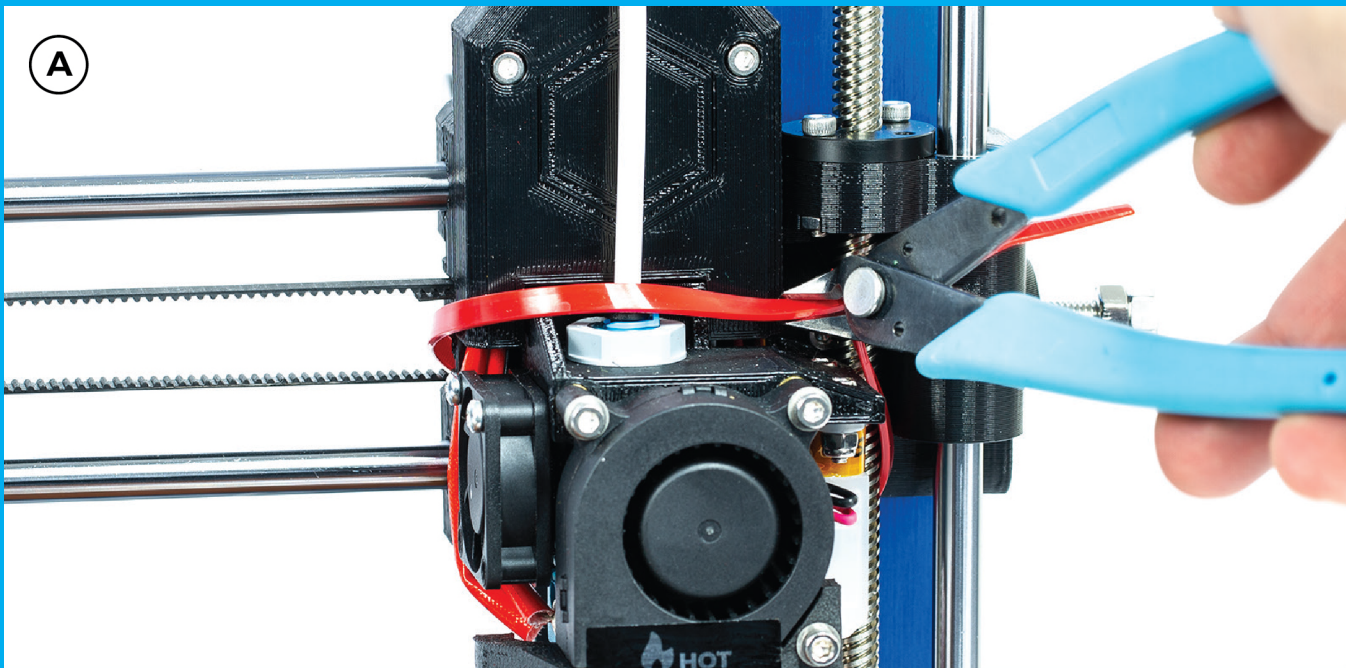
REMOVE **RED** ZIP TIES

| Cut and remove **RED** zip ties. These help protect your printer during shipping. (A)

STEP 3 (OPTIONAL UPGRADE - SKIP TO STEP 4)

MOUNT SCREEN

| Slide the screen into place as shown. (B)



STEP 4

CONNECT POWER SUPPLY

| Connect the power supply to your Pulse. (A)

| Turn the power switch on. (B)

STEP 5

PLUG USB CABLE INTO PULSE

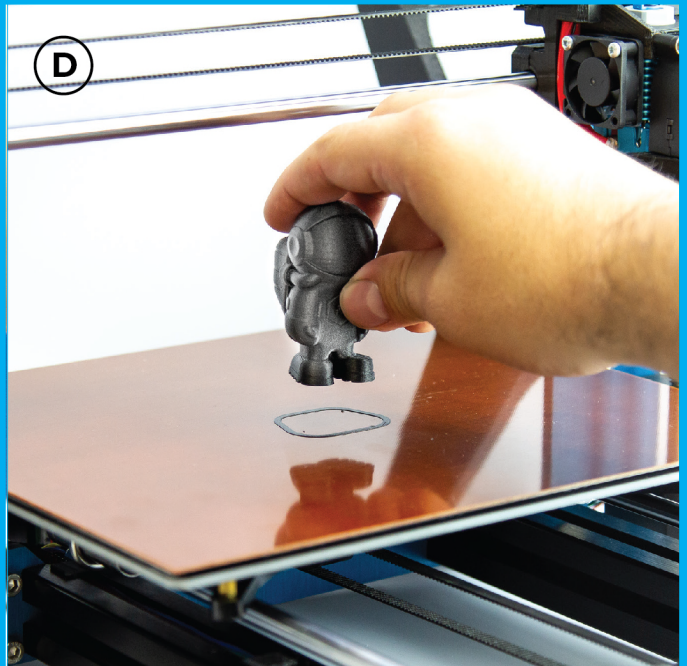
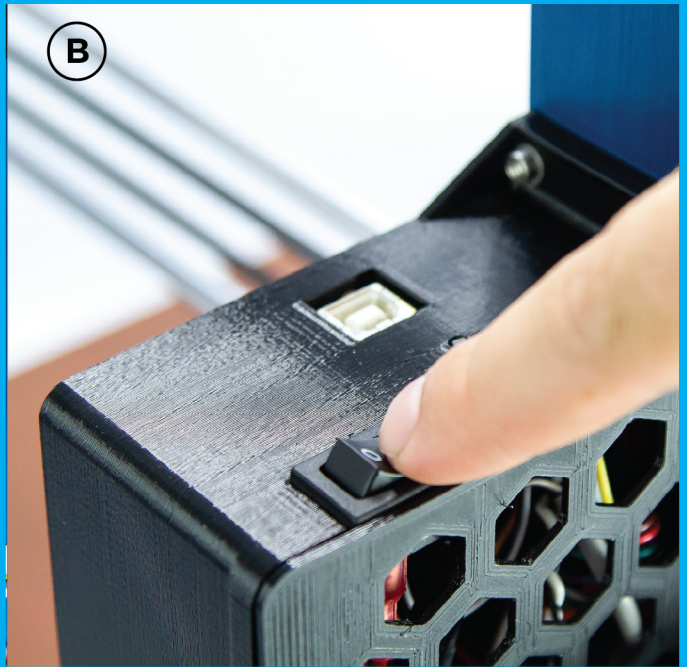
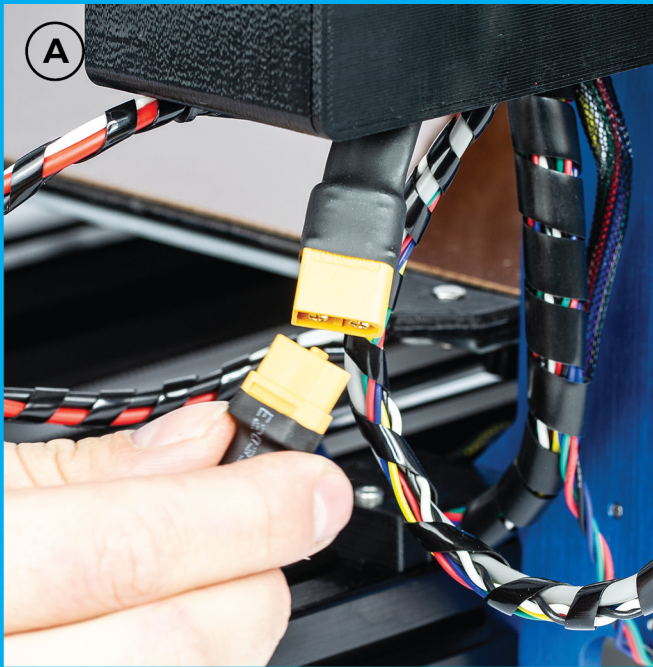
| Locate the USB input on the back of your Pulse 3D printer and plug USB cable in. (C)

| Don't plug the USB cable into your computer yet.

STEP 6

CLEAR THE BED

| Every Pulse printer is tested before it is shipped out. Remove the test print from the bed. (D)



STEP 7

INSTALL PRINTER SOFTWARE

Download and install the latest version of MatterControl 3D Printer Software from matterhackers.com/pulse

STEP 8

SETUP WIZARD

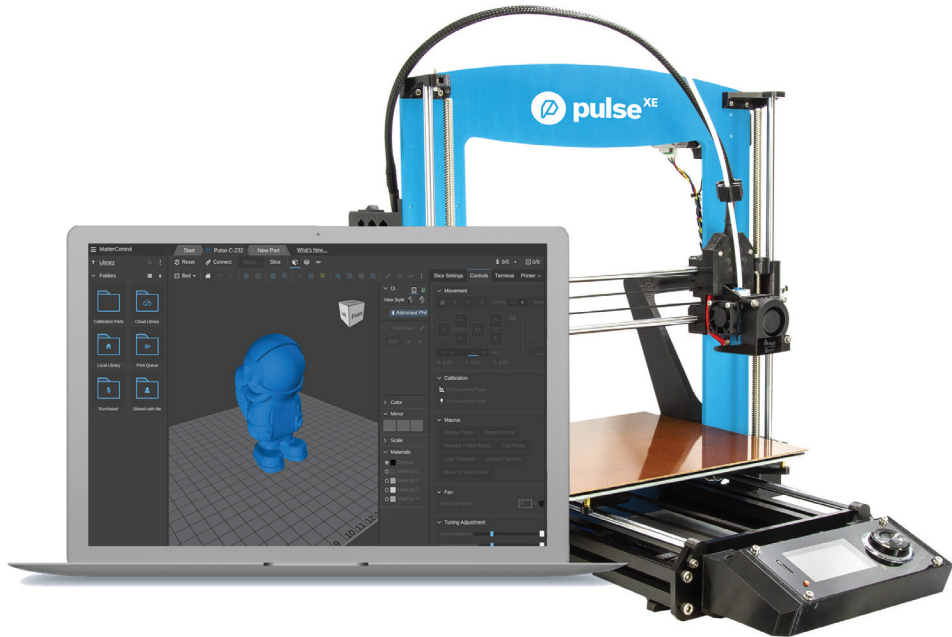
Open MatterControl. You should see the Setup Wizard window.

If you purchased your Pulse using a MatterHackers account, sign into MatterControl using this account - your Pulse will already be loaded into your MatterControl profile.

If not automatically prompted to add a printer, you can manually select 'Create A Printer' and choose the Pulse model you have.

Locate the model number on the sticker on the back of the blue aluminum frame.

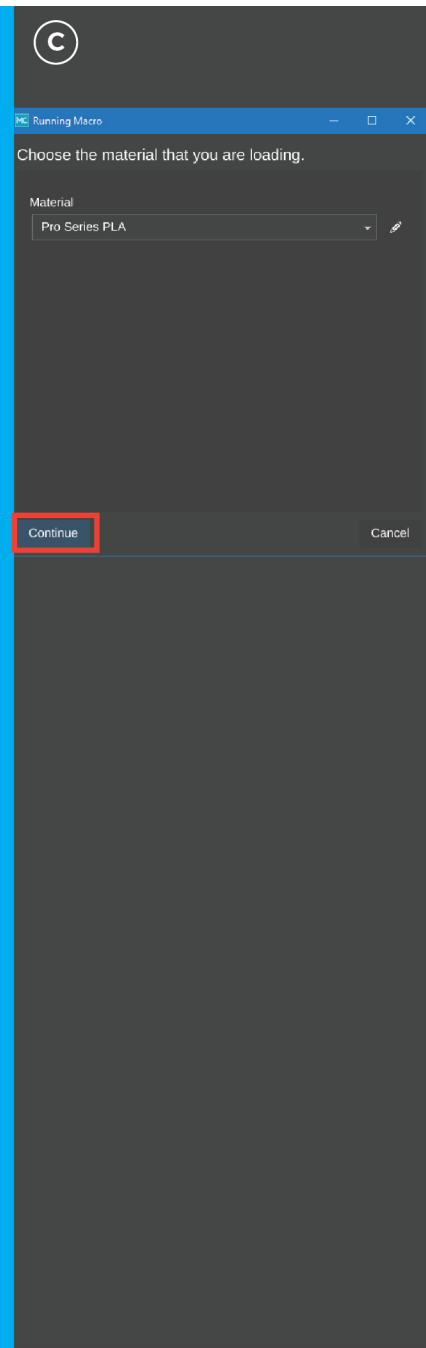
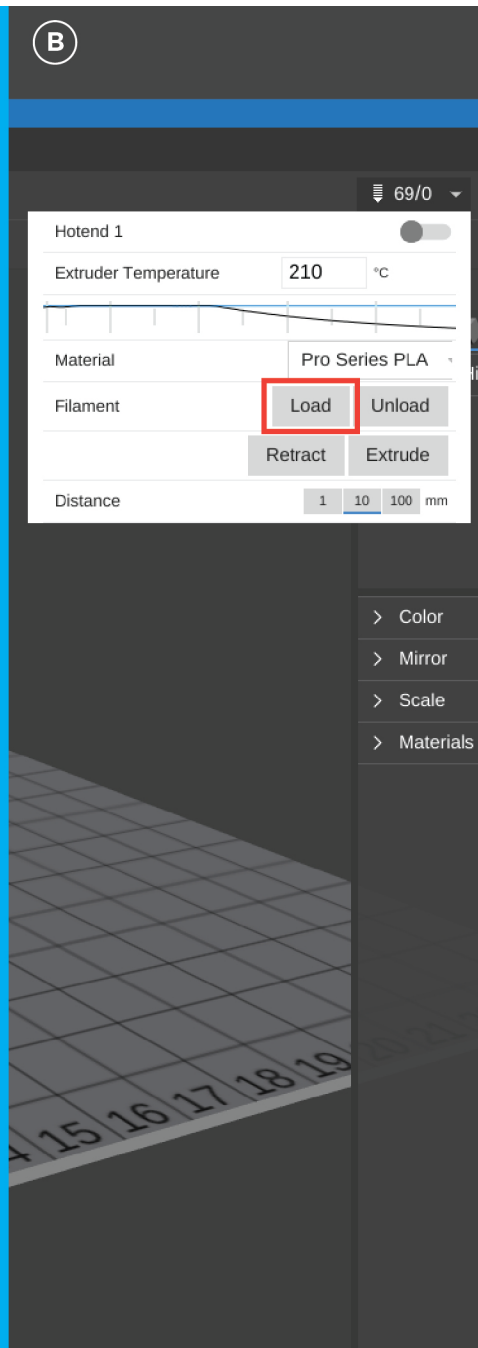
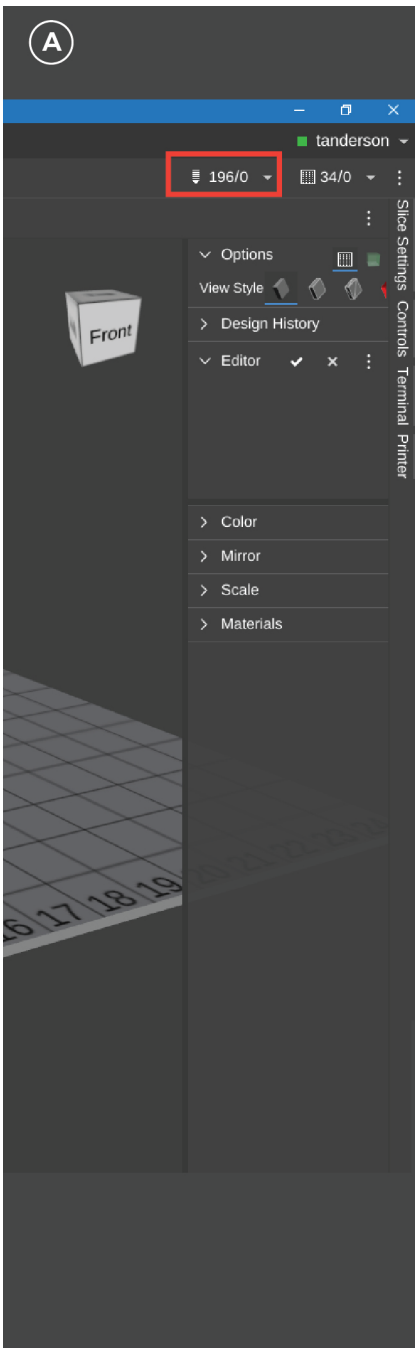
MATTERCONTROL'S SETUP WIZARD WILL GUIDE YOU THROUGH CONNECTING AND CALIBRATING THE 3D PRINTER.



MODEL
X-XXX



SERIAL
XXX-XXXXXXXX-XXXXXXXXXX



STEP 9

LOAD FILAMENT

At the top right of the screen you will see the Current Extruder Temperature status - select that menu. (A)

Under 'Filament' select 'Load'. (B)

Hang the spool of filament from the Spool Holder on the back right side of the machine. Be sure to have the spool oriented so that the filament flows into the extruder.

MatterControl will guide you through the loading process. Follow the steps on the screen. (C)

For more information on Materials and Bed Surface compatibility please visit the Guides section on www.matterhackers.com/pulse

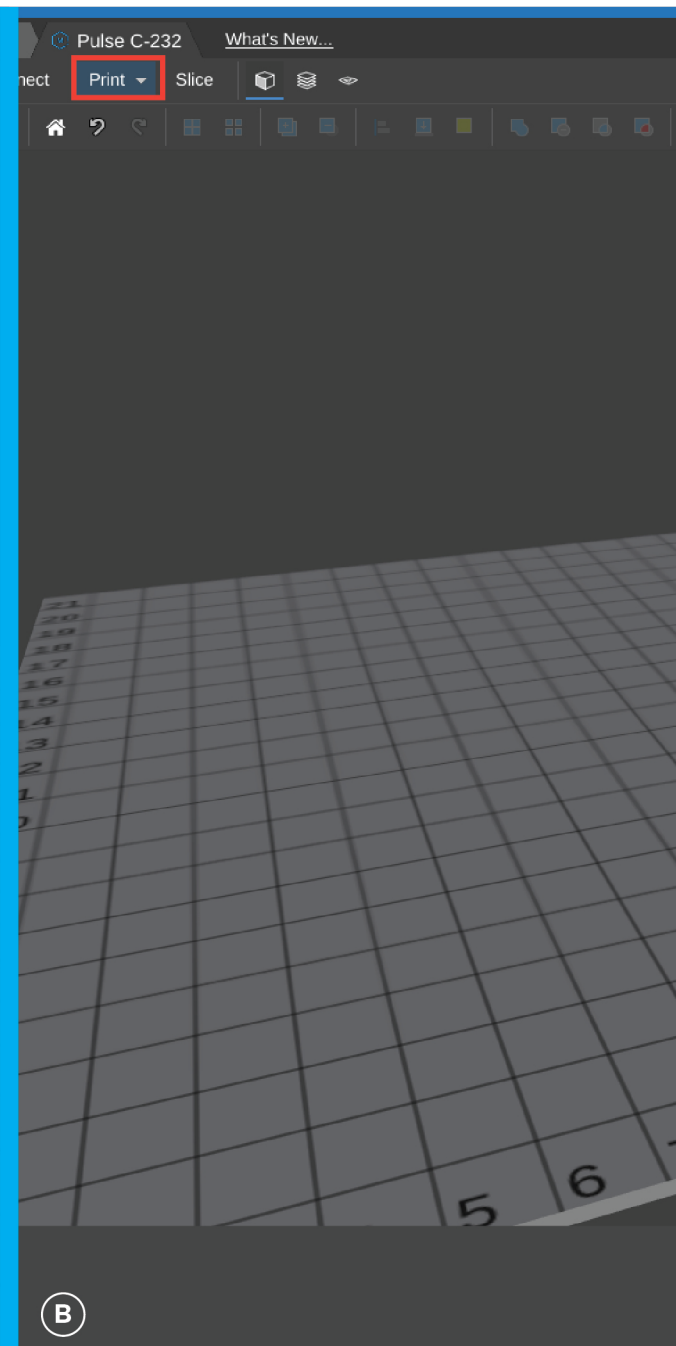
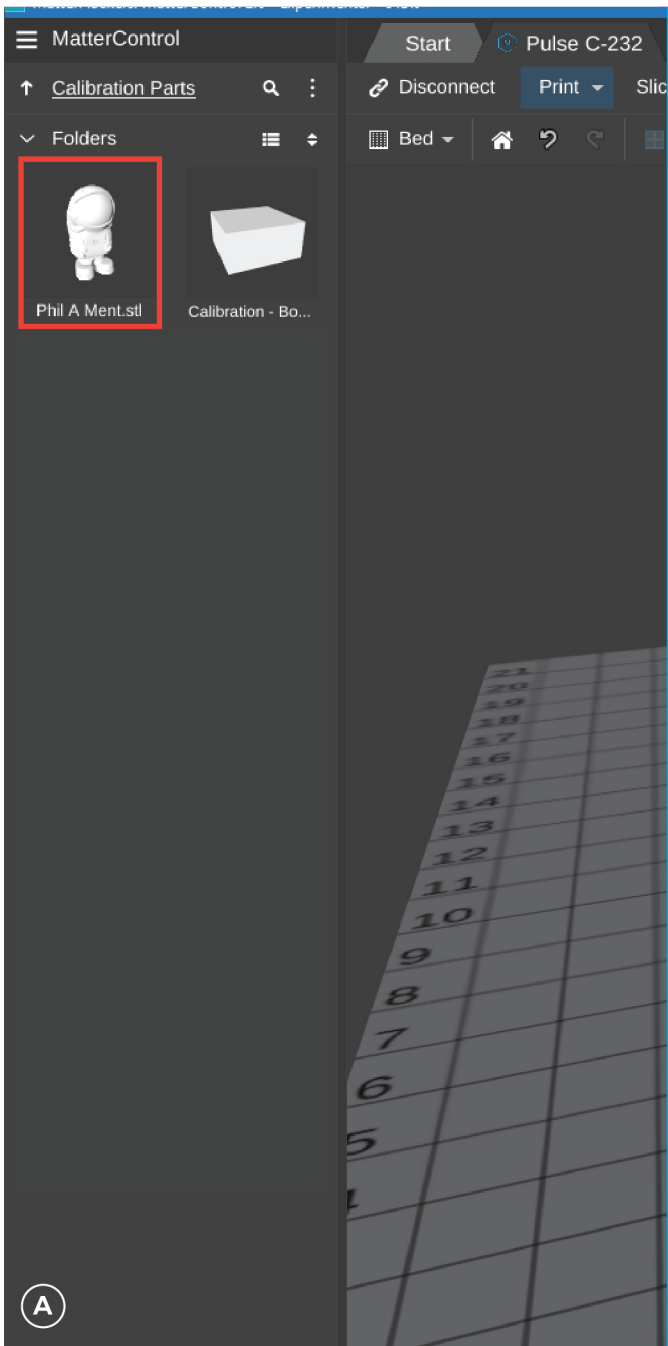
STEP 11

START YOUR FIRST PRINT

For specific guides for succeeding with a bunch of different materials - visit the Pulse User Guide at matterhackers.com/pulse

Locate the 'Phil A Ment' design under the folders - Library - Calibration Parts. Select the Design and drag it onto the bed. (A)

Select 'Print' then 'Start Print.' (B)



A

B



BECOME AN EXPERT

To learn more about your Pulse 3D printer visit
www.matterhackers.com/pulse

- Getting Started Guide
- How to succeed with a bunch of different materials
- Pulse User Manual
- Maintenance Instructions



GET INSPIRED



www.matterhackers.com/explore



RELOAD FILAMENT

www.matterhackers.com/store

|MH| **BUILD**

MH Build Series 3D Printing Filament is designed and priced for every maker. This affordable series comes in PLA, ABS, PETG, and TPU.

PROSERIES

MatterHackers PRO Series Filaments are engineered to highlight the strengths of each type of 3D printer filament. Experience quality and reliable color consistency in every vibrant color available. Manufactured to the tightest tolerances on the market and made in the USA, PRO Series Filaments include PLA, ABS, PETG, Nylon, Flex, Ryno and more.

NYLON^x

NylonX is an engineering-grade nylon filament which is blended with chopped carbon fibers (approximately 20% by weight), creating a high-strength filament capable of printing tough, functional parts.



PETG

High Temperature Tough Plastic

MatterHackers

100% Recycled PETG

1.75mm

1kg

MH BUILD

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NYLONX



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