Unboxing & Setup
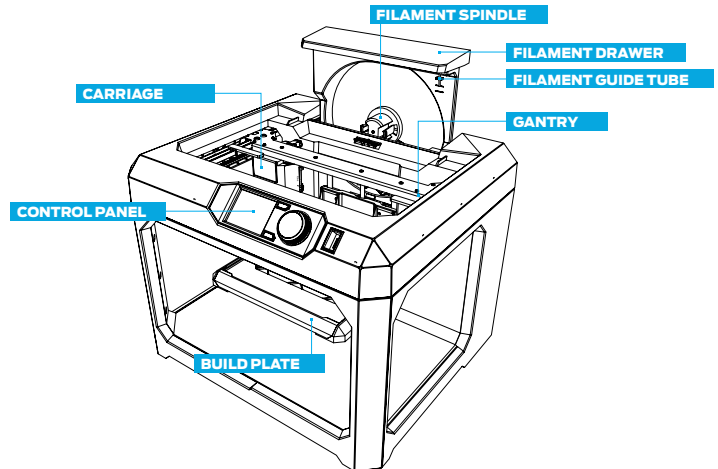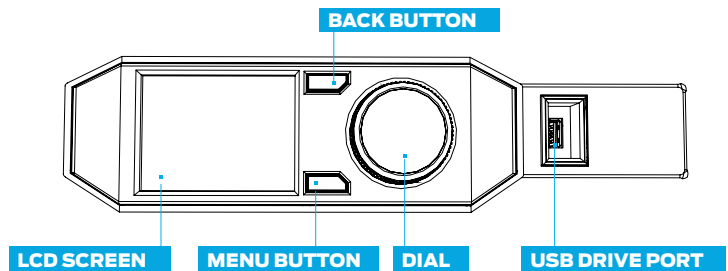
- Unboxing walkthrough
- How to power up
- Register your printer
- Build plate tape applied
- Smart Extruder+ attached
- Build Plate is leveled
- Filament loaded properly
- Download MakerBot Desktop
- Install MakerBot Desktop

FILAMENT SPINDLE
FILAMENT DRAWER
FILAMENT GUIDE TUBE
CARRIAGE
GANTRY
CONTROL PANEL
BUILD PLATE

Connecting To Your Printer

- USB
- WiFi
- Ethernet
- Updating Firmware

BACK BUTTON
LCD SCREEN
MENU BUTTON
DIAL
USB DRIVE PORT

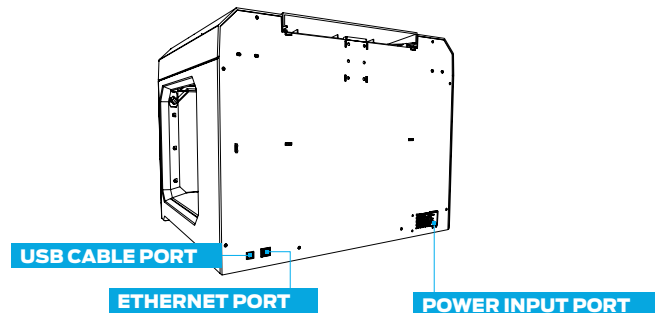# Preparing Files For Print

- MakerBot Desktop walkthrough
- How to prepare a file
- How to print

3D Model Resources

- Thingiverse
- MakerBot Digitizer
- TinkerCad
- 123D Design
- Sculptris
- Meshmixer
- Openscad

USB CABLE PORT
ETHERNET PORT
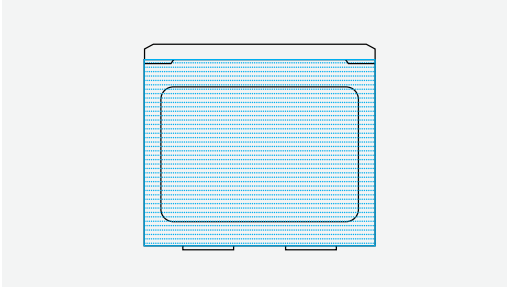POWER INPUT PORT

STL
OBJ
.makerbot
.x3g

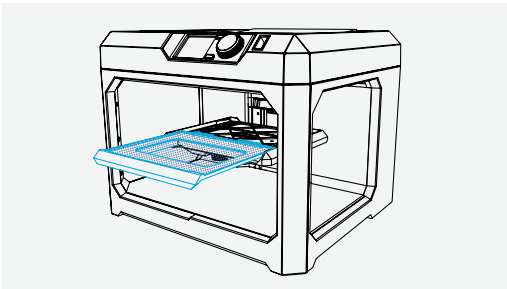# Getting Help / Printing Tips

- MakerBot Support

PREPRINT CHECKLIST
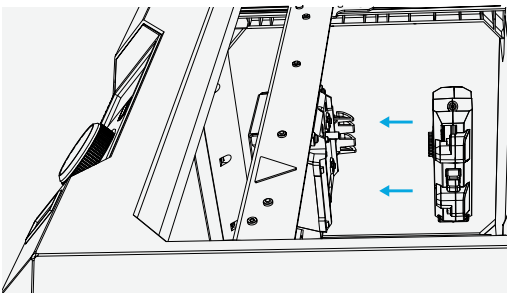
Before every print, check the following:

Build Plate Tape Applied

Build plate tape is on the build plate and (mostly) free of tears. If there are more than a few minor tears, remove the build plate and apply new tape before printing.
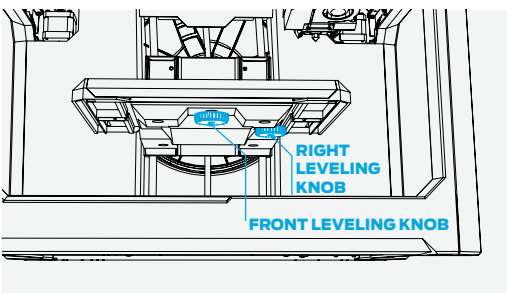

Build Plate Installed

The build plate has been loaded properly onto the Z Stage.
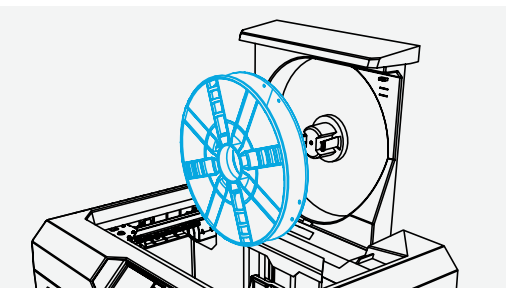

MakerBot Replicator Smart Extruder Attached

A Smart Extruder is attached to the carriage. Double-check that the Smart Extruder is attached by scrolling the dial to **Utilities > Attach Smart Extruder**.

Build Plate Is Level

If you were not the last person to use the printer, you should level your build plate before printing. Scroll the dial to **Utilities > Level Build Plate** and follow the on-screen instructions until assisted leveling is complete.

Relevel when you change the Smart Extruder, update firmware, or filament appears squiggly or not at all.

Filament Loaded Properly

Ensure that filament is loaded into the filament drawer correctly. Change filament using the **Filament** menu. When loading new filament, clip off the end, making a pointed tip to prevent clogs in your extruder.