

Slicing Guide for Objet studio

What is Objet Studio?

Objet studio is a 3D Slicer software for creating toolpath files for Stratasys Polyjet machines. **Polyjet Machines at Mhub:**

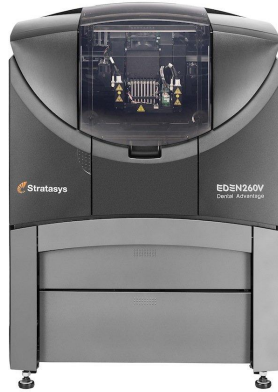


Eden 260



Objet 30 Prime

Material Selection



Eden 260

Med 610 - Clear material with medical/ dental rating

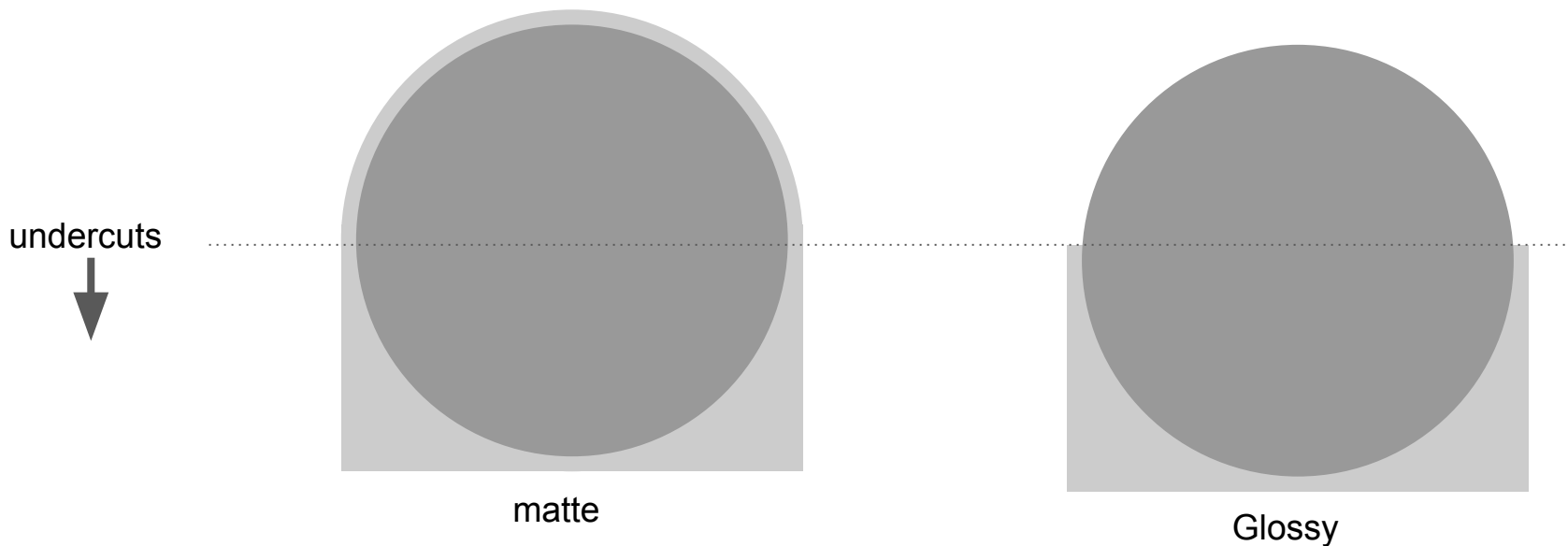


Objet 30 Prime

Vero Grey - Rigid opaque grey

Two print finishes: Matte & Glossy

All downward facing surfaces require support material. A matte surface is achieved by covering model material with support material and curing with UV light. Therefore if you were printing a sphere as shown below you can only achieve a gloss finish on the top half of the object. Choose between matte and glossy finish based on your project needs. Glossy mode will use less support material and therefore cost less, but matte mode allows you to achieve a uniform finish and get higher precision for small components

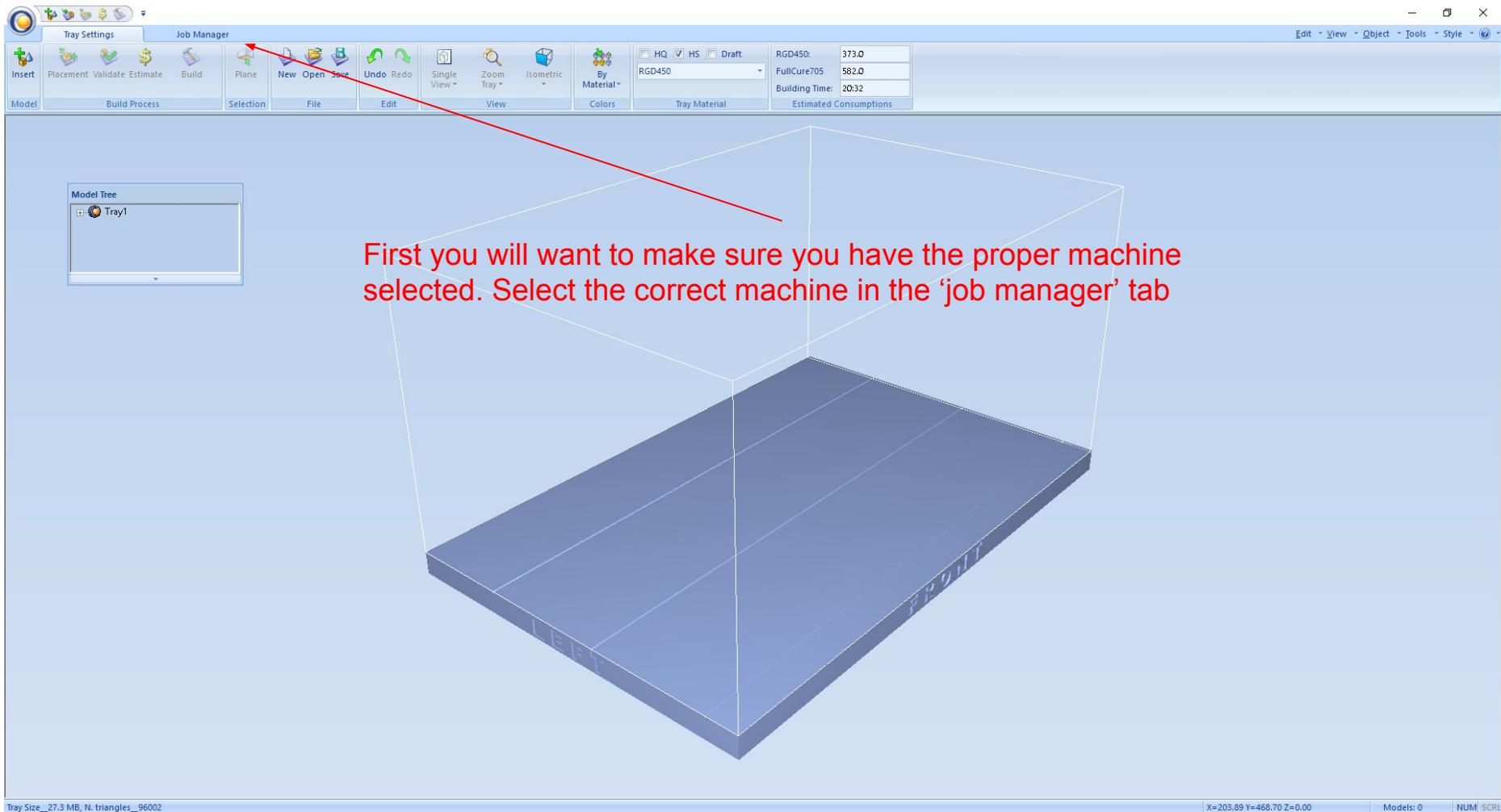


Print Speed

High Speed - 28um

High Quality - 14um

There are two print speeds/resolutions to select from. Also, the height of your build will have a direct relationship to the total time to print your part.



Tray Settings

Job Manager

Connect Notifications

3D Printer

Top

Up

Down Bottom

Restart

Stop

Resume

Delete

View

Edit

Queue

Job

Jobs Queue

| Job Name | Status | Owner | Build Time | Model Consumption | Support Consumption | Printing Mode | Material Type |
|----------|--------|-------|------------|-------------------|---------------------|---------------|---------------|
|----------|--------|-------|------------|-------------------|---------------------|---------------|---------------|


Time

History

| Job Name | Status | Owner | Build Time | Model Consumption | Support Consumption | Printing Mode | Material Type |
|-------------------|---------|-------|------------|-------------------|---------------------|---------------|------------------------|
| Tradeshaw_samples | Error | dlevy | 05:06 | 107 g | 77 g | HS | Support_VeroGrey |
| labday show test | Stopped | dlevy | 06:03 | 101 g | 48 g | HS | FullCure705, VeroWhite |


Available Resources

FullCure705



0 grams

VeroWhite




0 grams

Material Consumption

Tray Preview

Waste



1800 grams

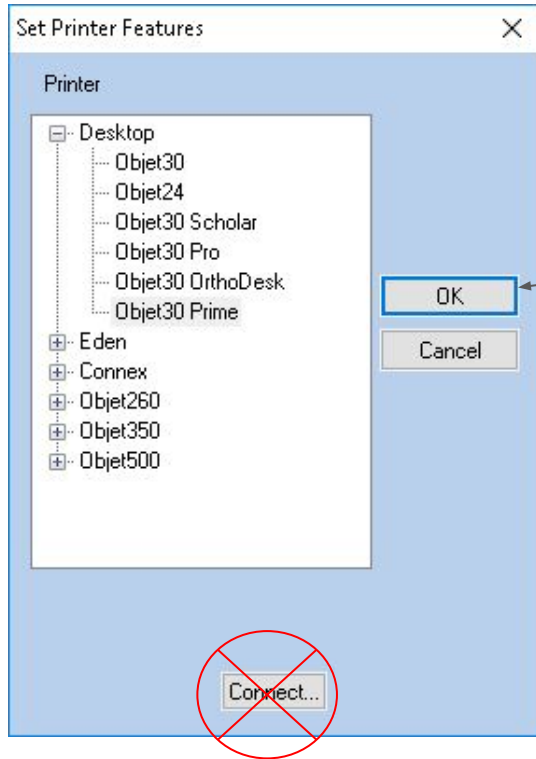
Ready

X=203.89 Y=458.70 Z=0.00

Models: 0

NUM SCRL

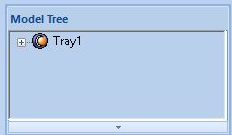
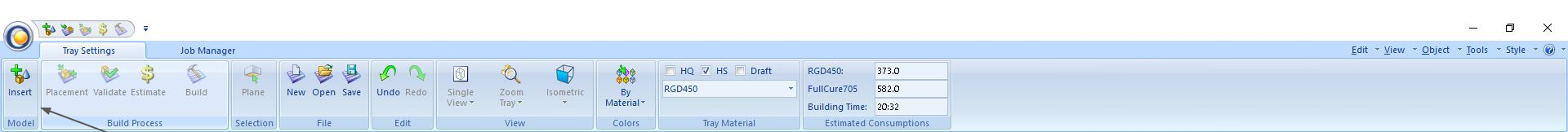
Click the 'connect' button to select from a list of hardware



Find your machine and click 'OK'

It will prompt you to restart the application

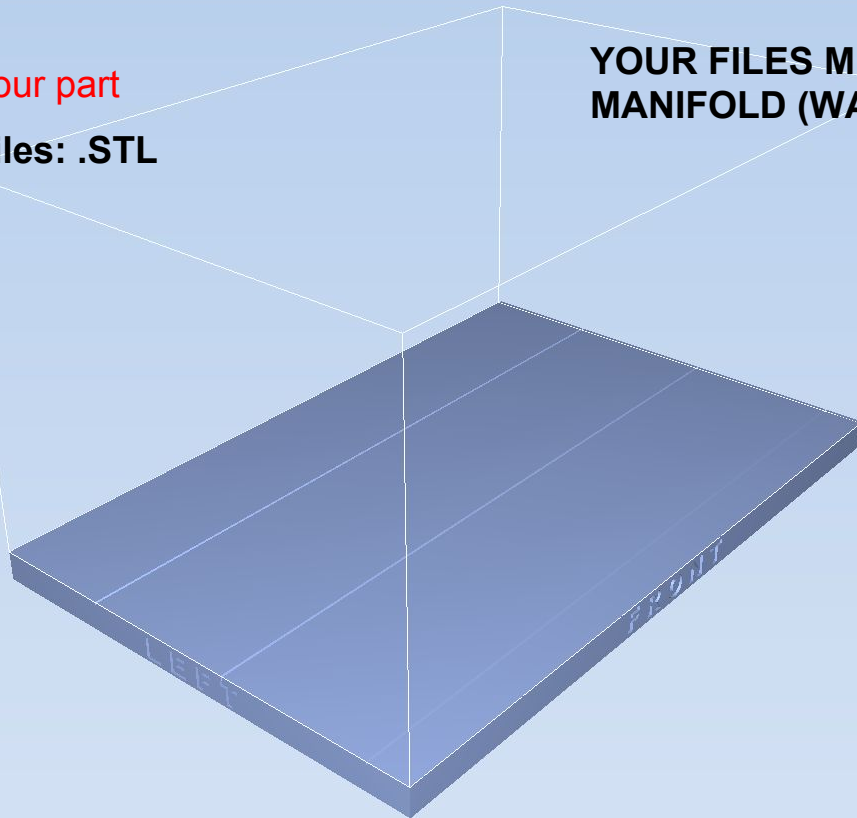
Do not click connect

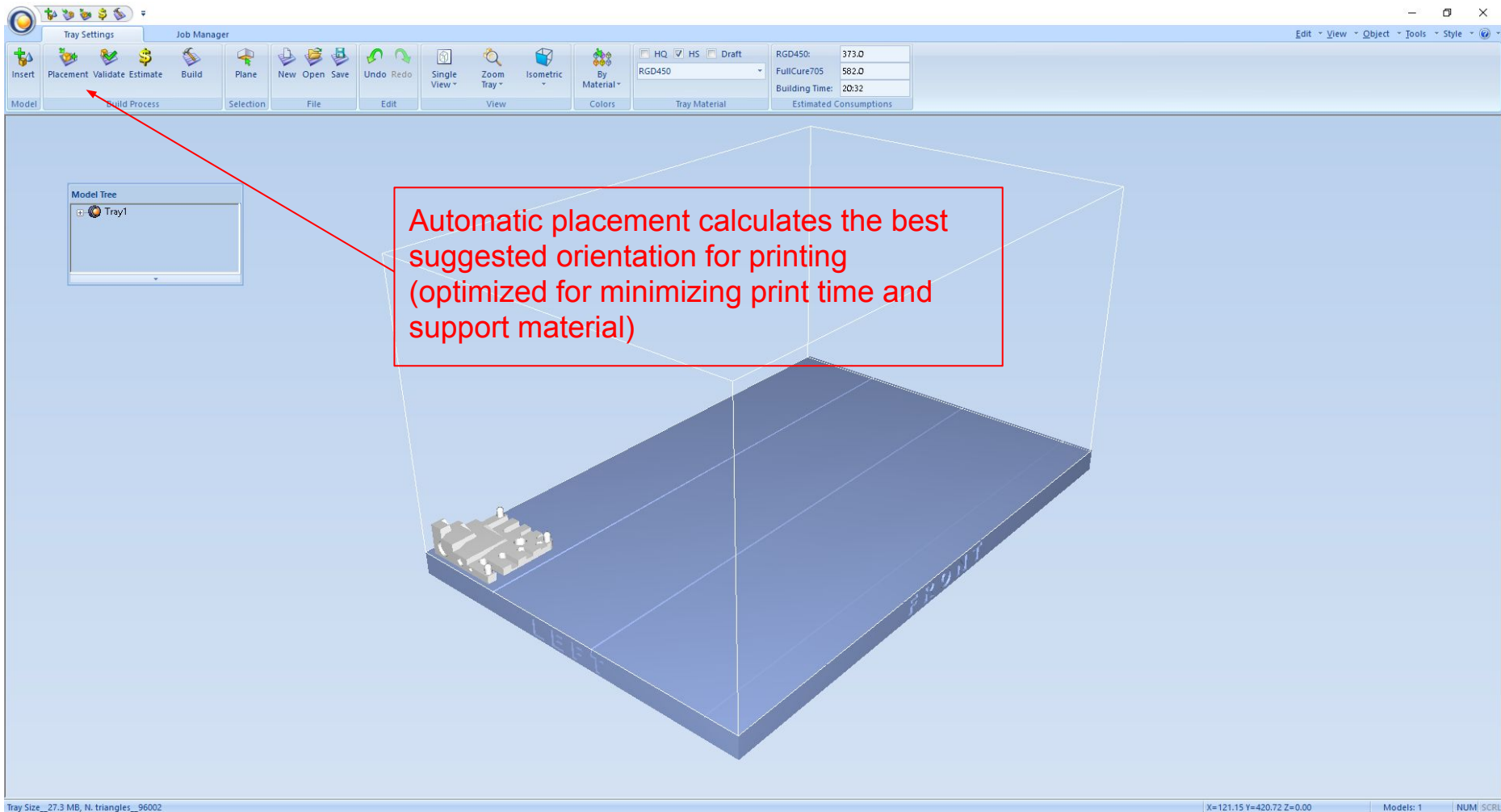


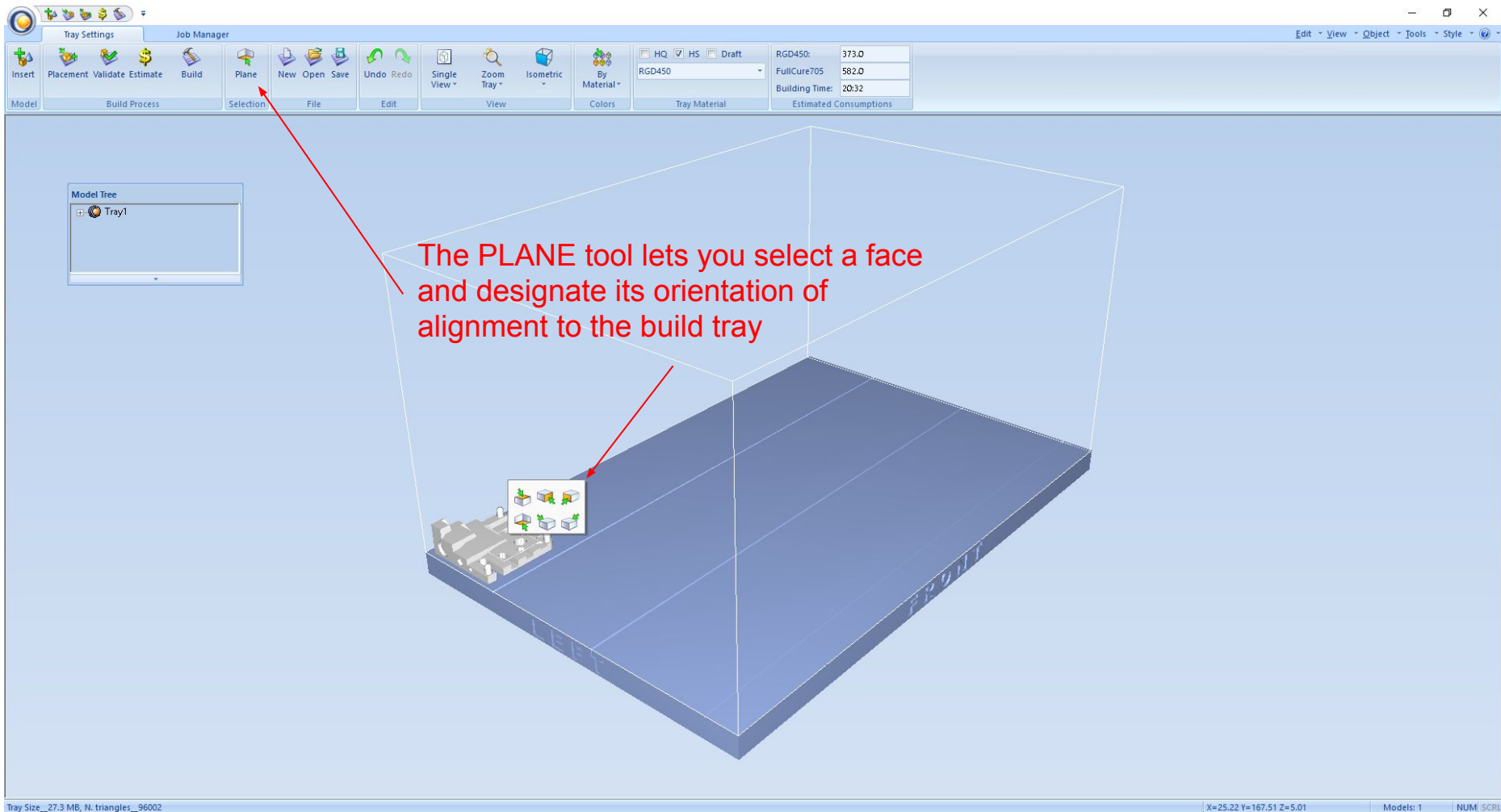
Insert your part

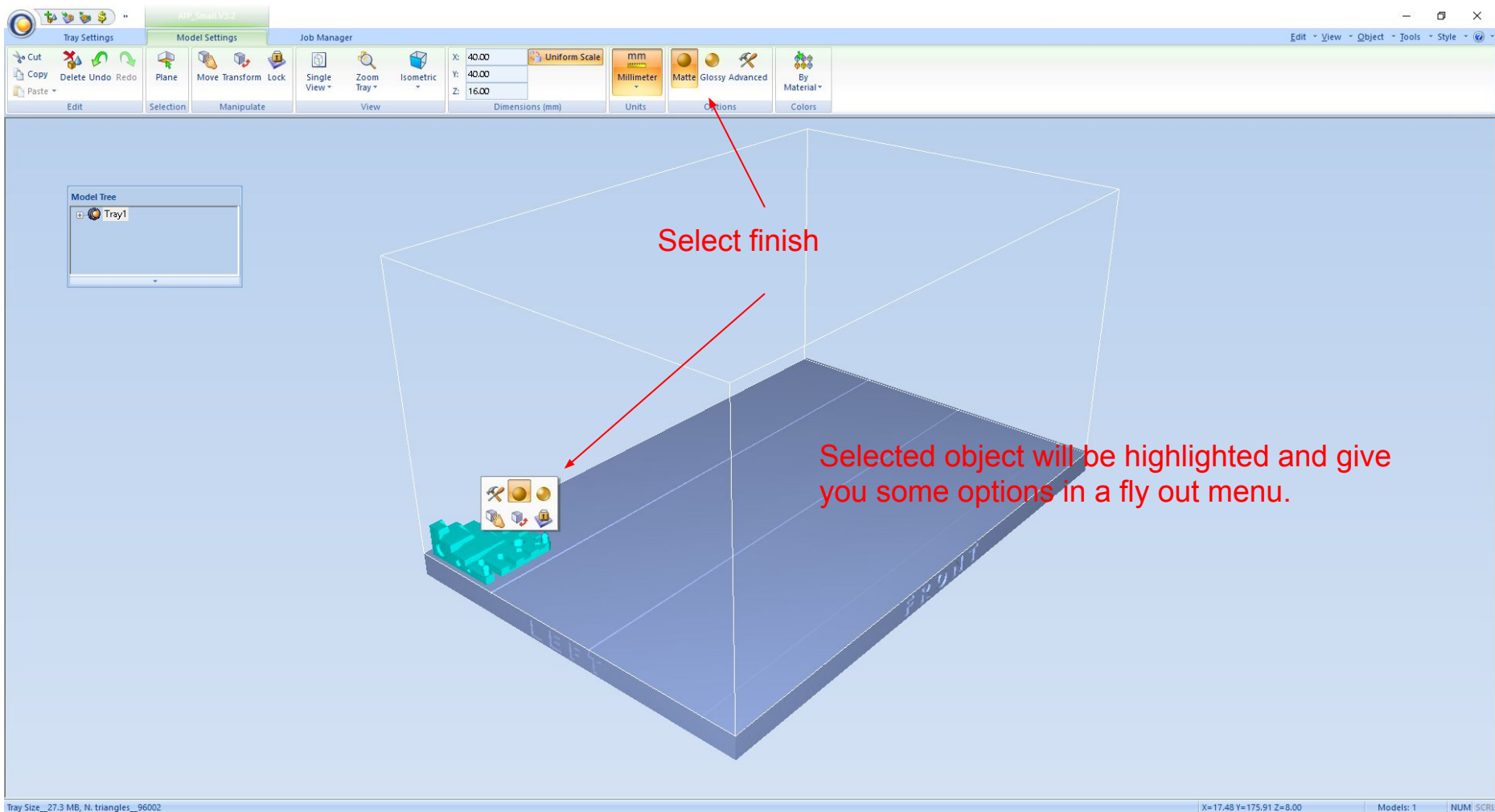
Accepted files: .STL

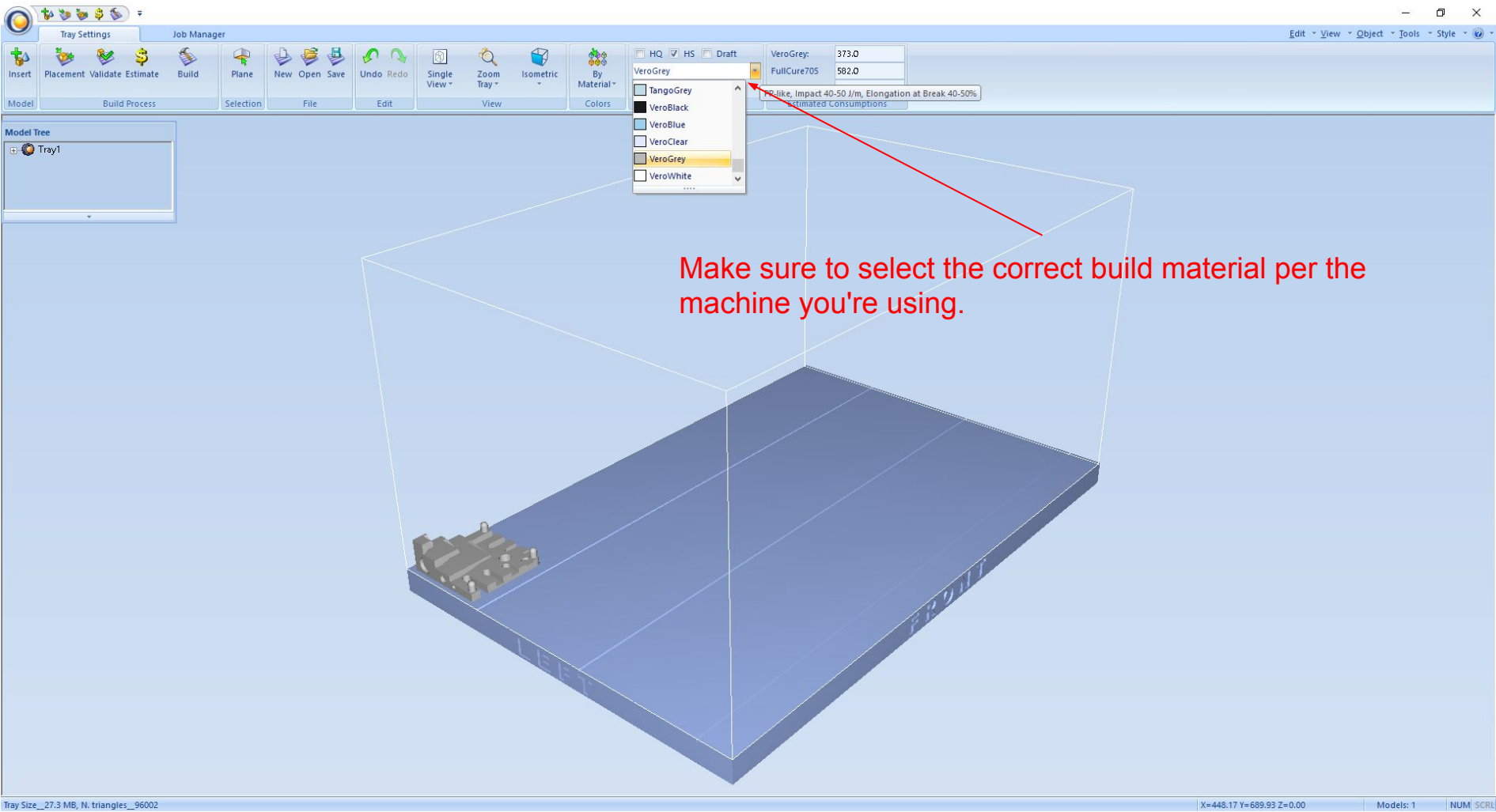
**YOUR FILES MUST BE A SOLID
MANIFOLD (WATER TIGHT) MODEL**

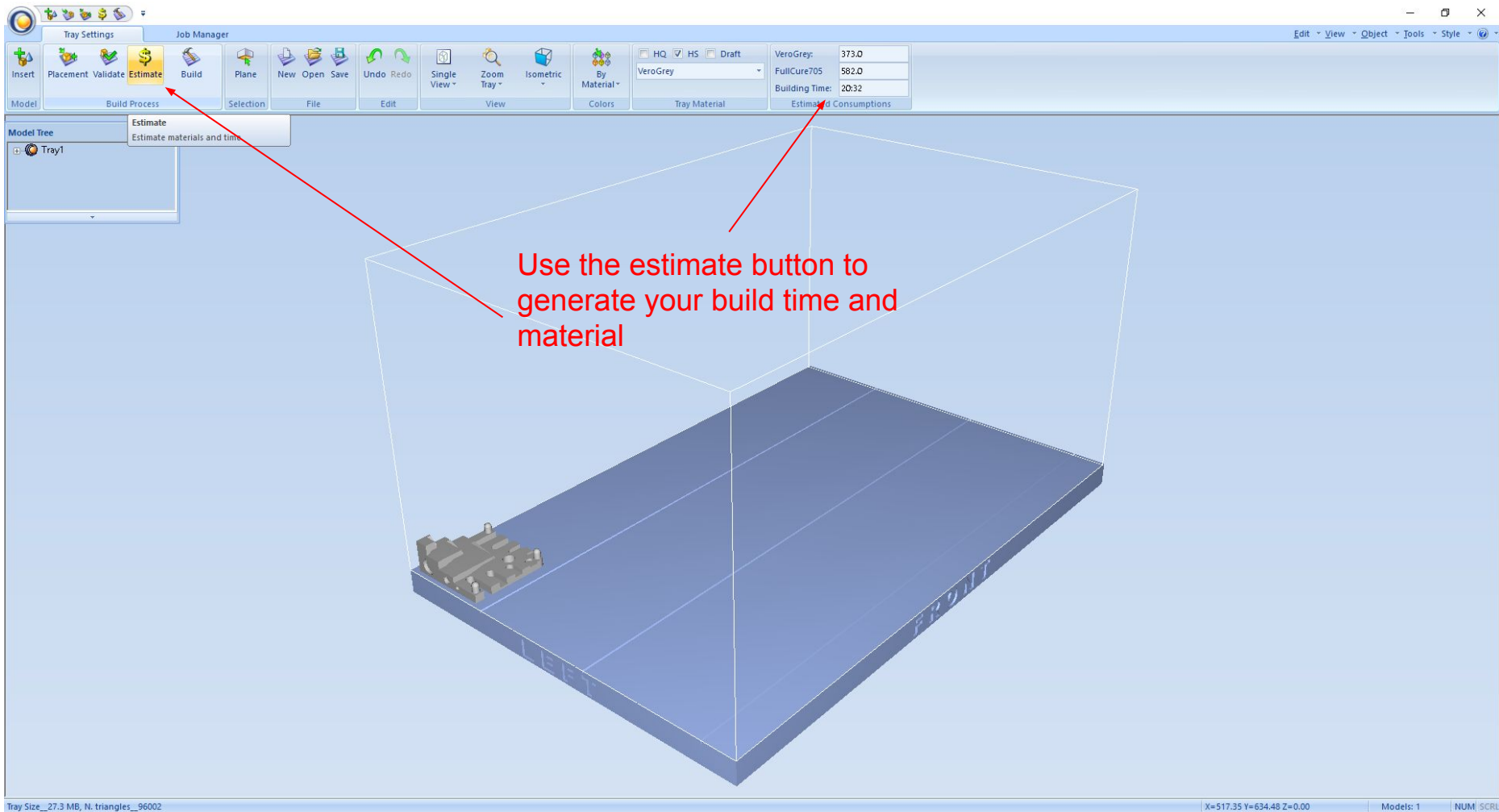


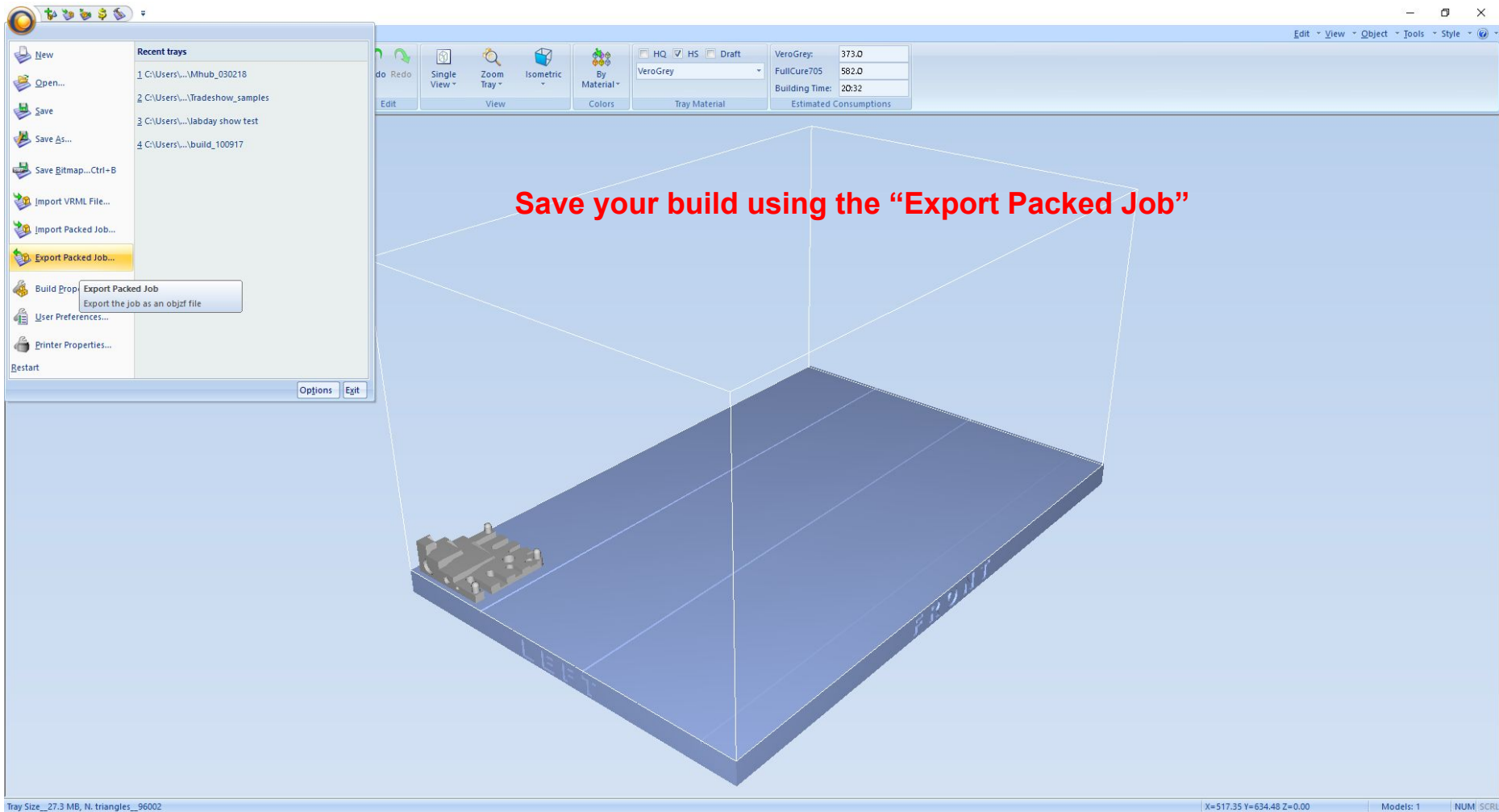












Save your build using the “Export Packed Job”