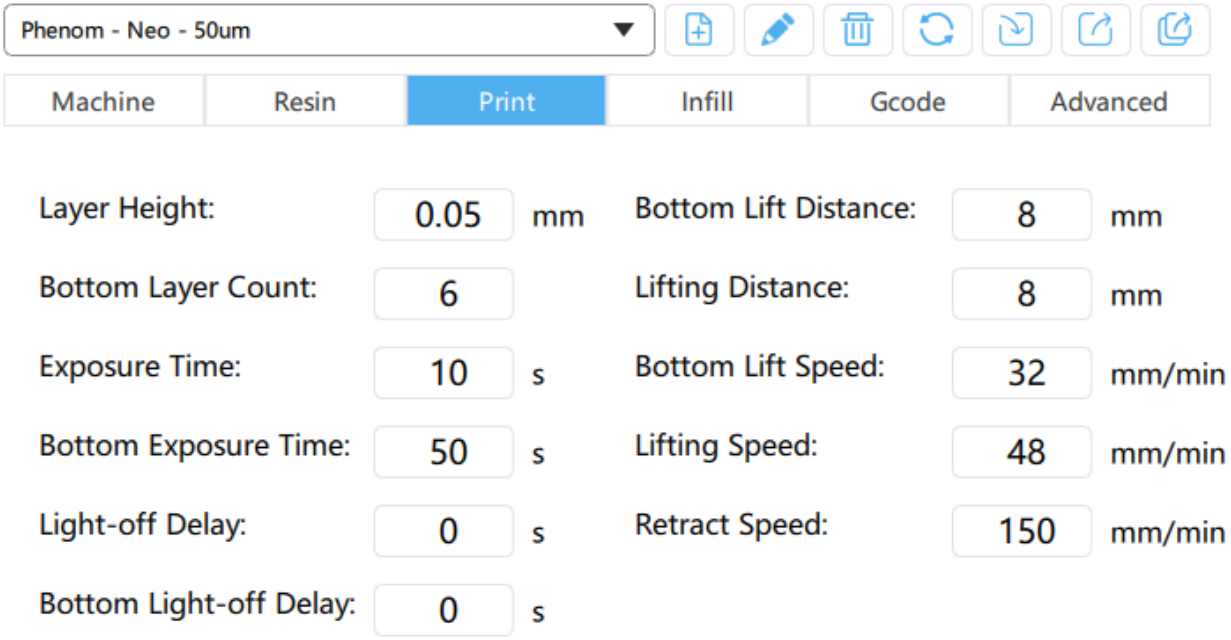
Neo Resin by Peopoly

Prepare Printing on Phenom:

Heavy support for large prints. It is best to use Chitubox 1.6.4.3 Beta or new as there were support boxes in earlier versions.

Wall thickness: >1.5mm

Recommended Exposure for Phenom



Phenom L

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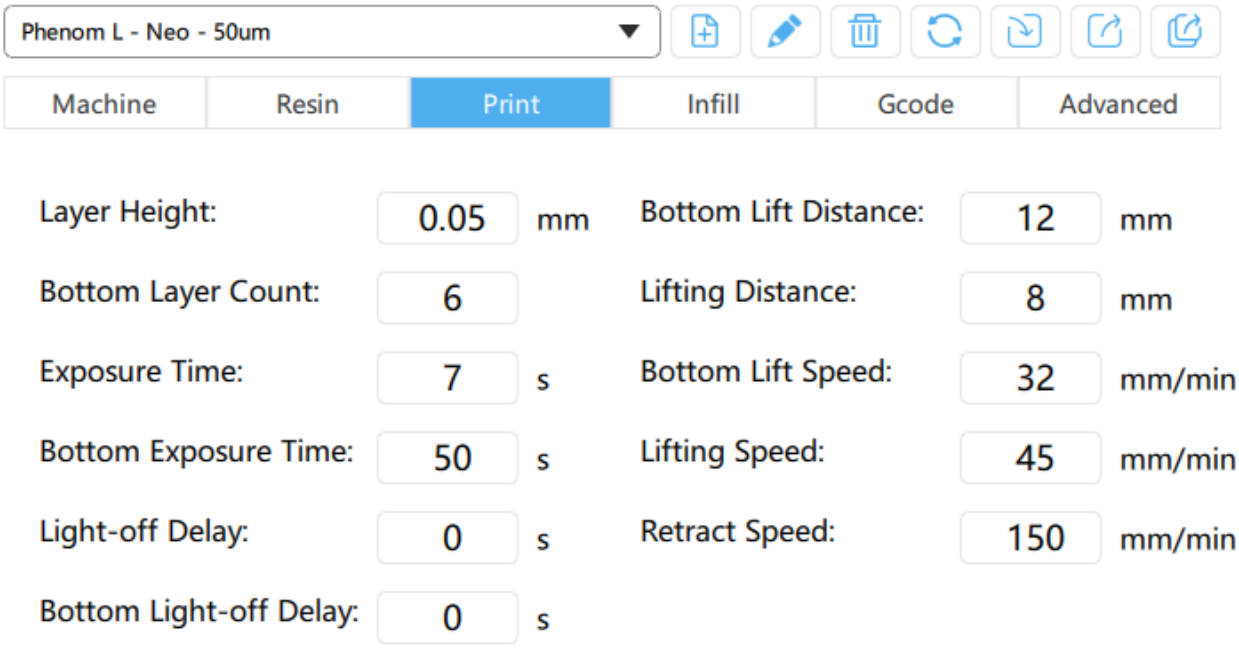
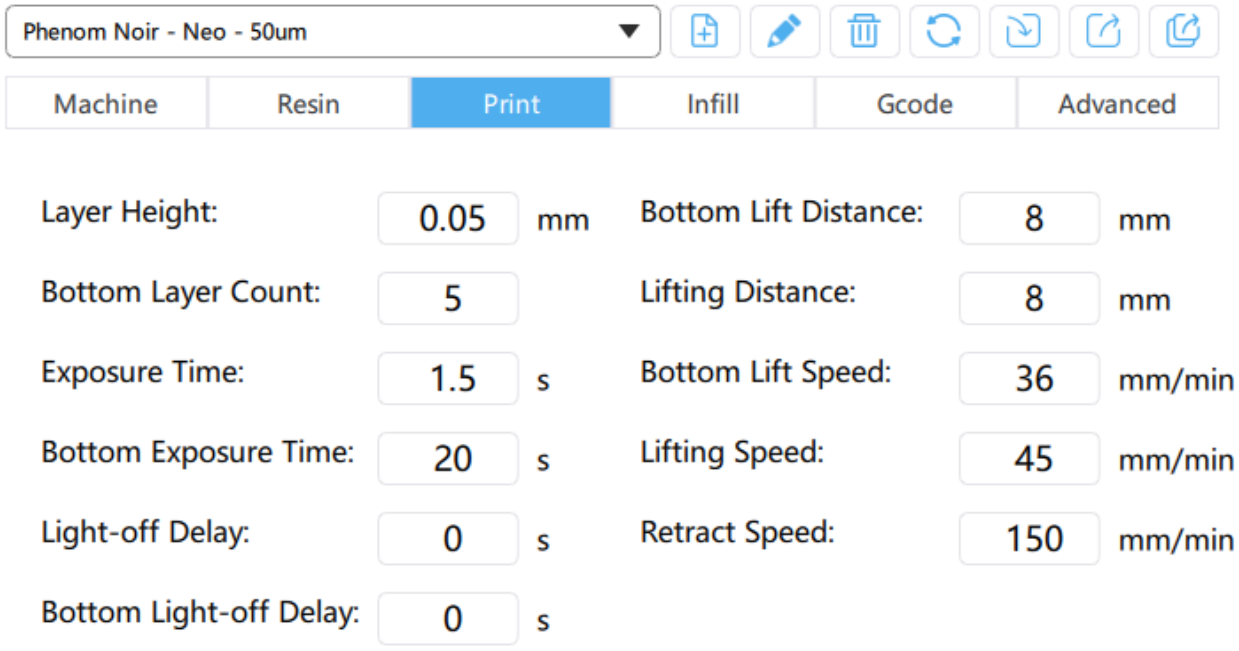


Phenom Noir



Cleaning:
Use a hair based brush like painter's brush to remove excess resins on the printed part with Use 10% or higher concentrated Ethanol (preferred) or IPA to clean. Do not submerge the parts in alcohol for more than 30 seconds. After 2-3 minutes of cleaning action, remove alcohol with a hair dryer or air blower. For a complex part with lots cavities, it may be a good idea to clean/dry

multiple times.User can check by touching the dried surface of the part to see if it is still sticky. If the dried surface is still sticky, wash some more and dry again.

We don't recommend the use of ultrasonic cleaning devices unless your print has a very recessed area that cannot be reached. Do not run it over 2 minutes.

Post Curing:
Make sure resin is completely cleaned off and there is not alcohol or water left (it needs to be dry) on the print before curing. This is very critical for long term use of print. When it doubt, use a hairdryer.

Use 395-405nm UV light and cure for about 1 minutes. Do not use 365nm light as it will cause quick yellowing. There are many counterfeit UV LED that claimed to be 405nm but is actually 385 or 365nm. Best to acquire a UV LED fixture from a trusted source.

Mechanical Properties
Shore D 85
Tensile Strength 33Mpa
Young's Modulus 460Mpa
Elongation At Break: 4.3%
Viscosity: 53 cps

Heat Deflection Temperature: 60C

MSDS for Neo