

3d Printing

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Prototyping Techniques

■ Hi Fidelity Prototyping



3D printer



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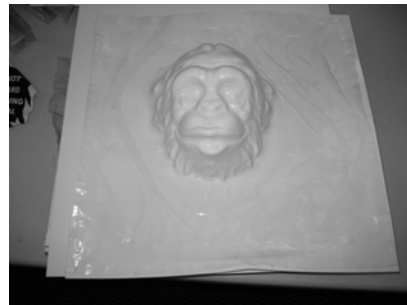


Laser cutter

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Prototyping Techniques

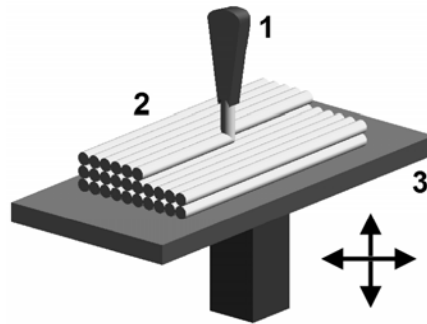
■ Hi Fidelity Prototyping



Vacuum Forming

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FDM – Fused Deposition Modeling



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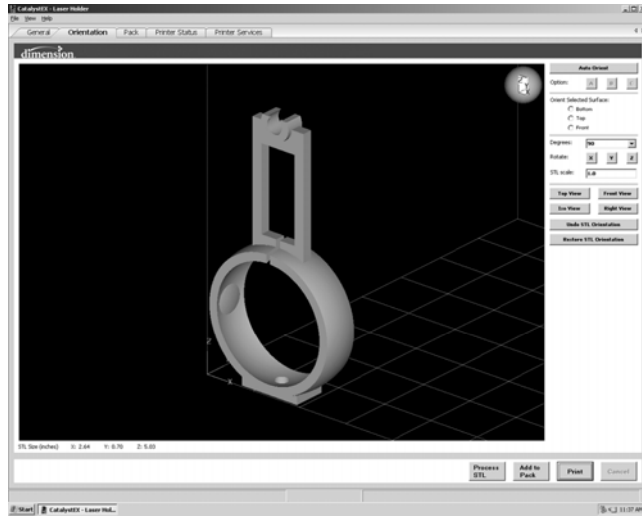
Using the 3D Printer

1. Build a 3D model (RhinoCad, SolidWorks,)
2. Import model into the 3D printer software
3. Prepare 3D printer
4. Print



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3D model



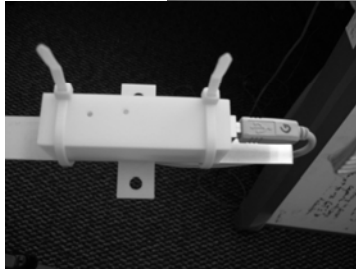
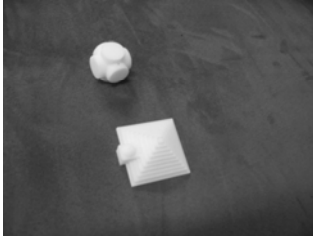
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3D part



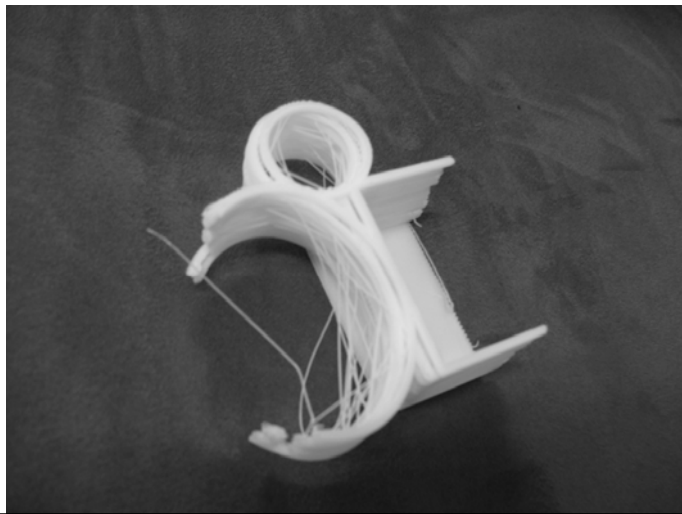
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examples



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If you don't lock the tray



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Resources

www.pixel2life.com/tutorials/rhino_3d/

Software options:

- Rhino (free trial)
 - Solid works
 - Blender
 - Google sketch up
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