



# 3D Printing Services

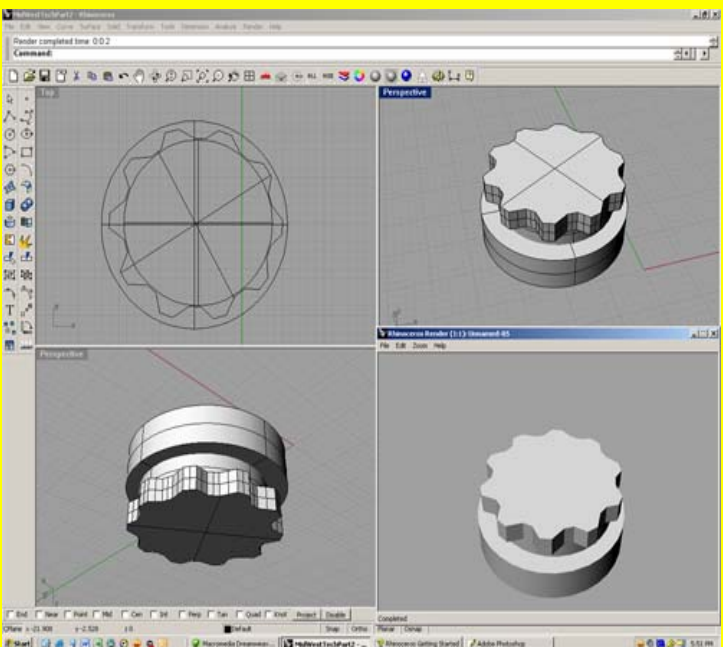
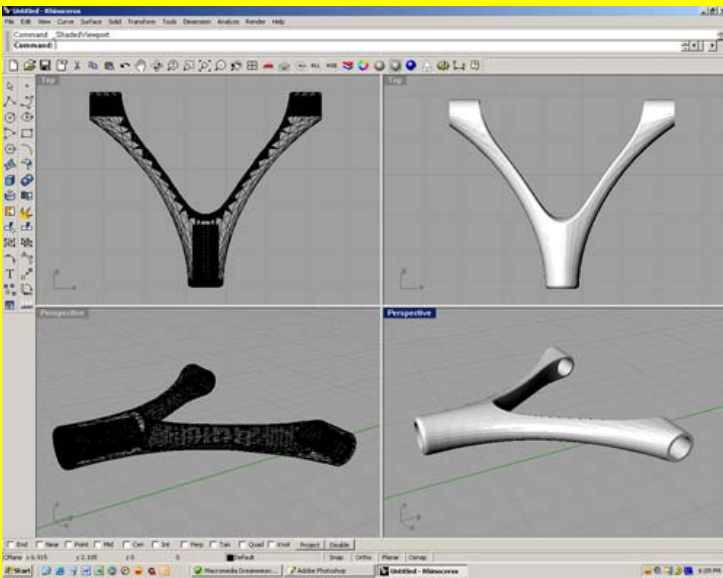
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The University of Iowa has purchased a Dimension SST printer which uses the fused-deposition modeling (FDM) process to create physical objects with ABS plastic. (The nozzle moves back and forth depositing melted plastic.) Support structures are created as necessary and can later be dissolved away with a cleaning station.

Model size can be up to 8" x 12" x 8" in size and plastic can be deposited as thin as .013". The printer can handle up to 40 GB of data, although it is recommended that models be no more than 1 MB in size. Common printing formats include STL, DXF, OBJ, and LWO files, although other files can also be printed.



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