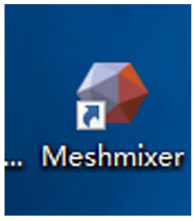
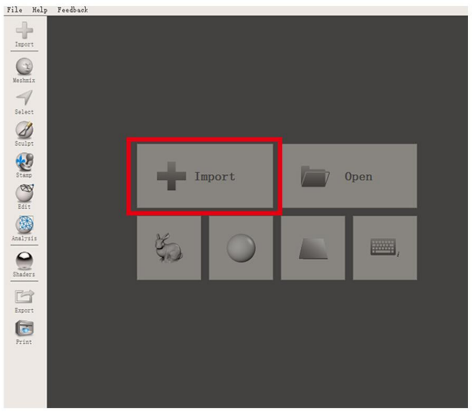
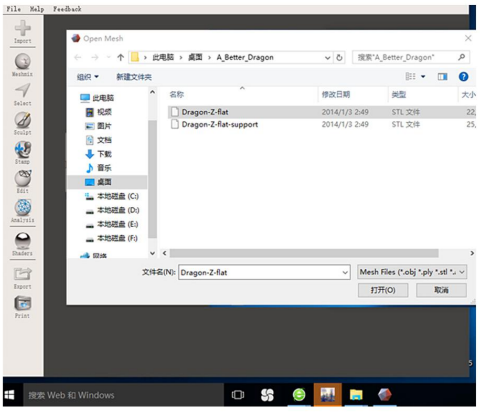
MESHMIXER Primary Course

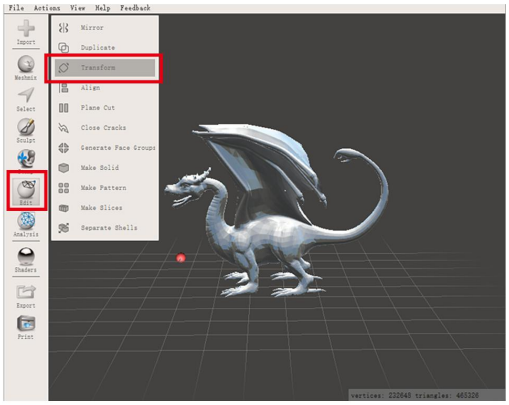
The first step: Open “meshmixer” software, enter the below interface.Click load the 3d model which need to be edit .Here we load “Dragon-Z-flat.stl”,it should be noticed that only can load .obj,.ply,.stl,.amf format file.

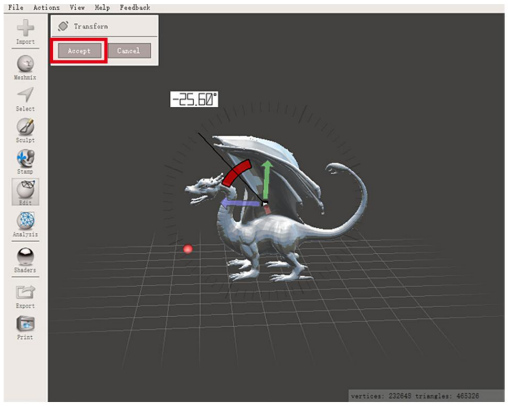




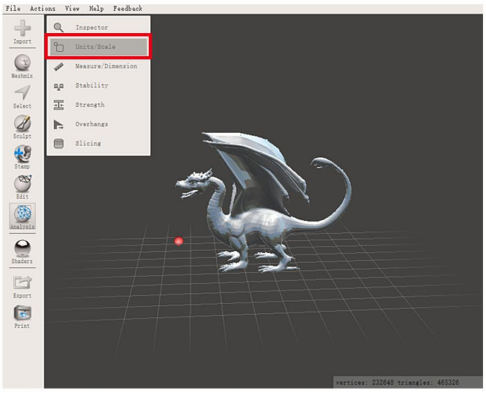


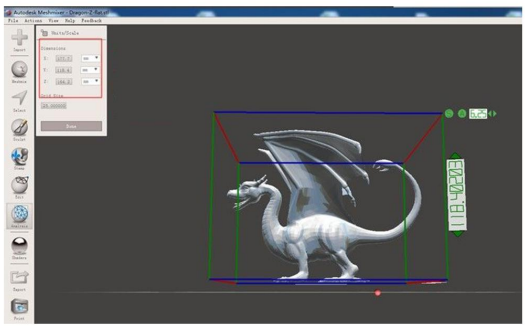
The second step: Adjust the model printing direction ,click left menu bar “Edit”-”transform”,then the rotating coordinate appears, press on the coordinate rote to the angle which you need.





The third step: User need to make appropriate readjustment for model size, to adapt the size of the 3d printer printing size.Click “analysis”-” units/scale”, enther the below interface.Then input the model size which you need to print,the unit is mm.





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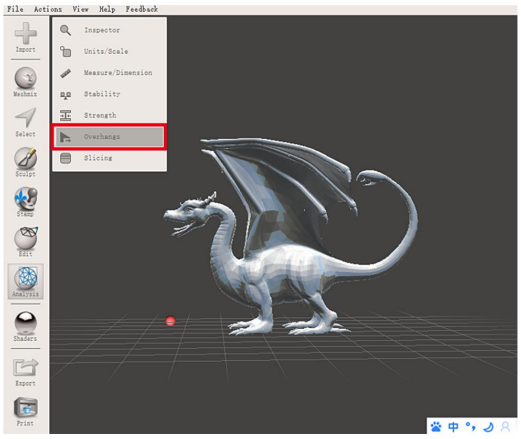
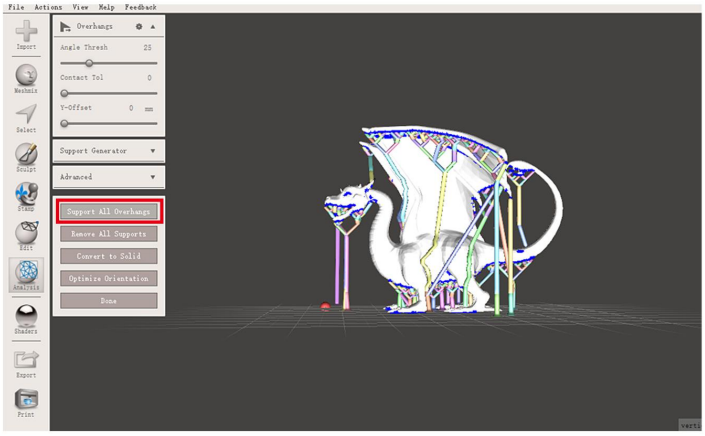
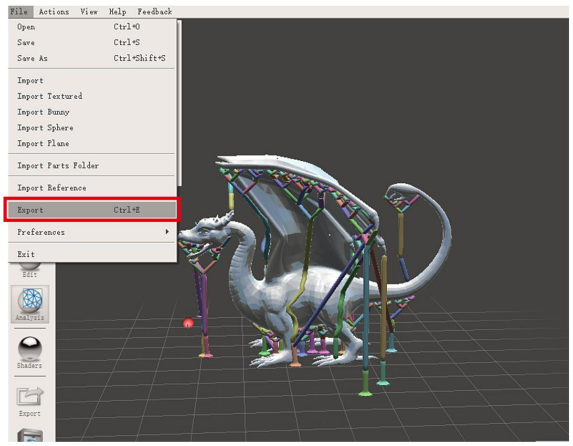
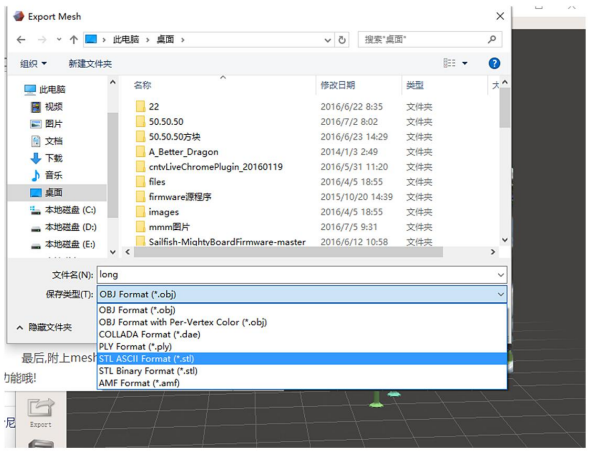
The fourth step: generate support structure .After finish above steps, click” done” ,return to the “analysis” menu,click “overhangs” .Click “supportall overhangs” after adjust support structure parameter .If you think somewhere support material isn’t enough,just click that place support ,the software will add one line support automatic.If you think somewhere support material is unnecessary,just need press on “ctrl” and click that place support ,the unnecessary support materil will disappear .





The fifth step: After finish above four steps ,click “file”-” export” ,save .stl format file.Use slicing software slice and print.





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MESHMIXER generates slicing mode

Slicing software native generate slicing mode