



Burj Khalifa 828mm tall, high detail, scale 1:1000 3Dmodel



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[VIEW IN BROWSER](#)

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Summary

Burj Khalifa, the tallest building in the world, 1:1000 scale, height of the model is 828mm



42.62 hrs



8 pcs



0.22 mm
0.20 mm



0.40 mm



PLA



532 g



Prusa
MK3/S/S+

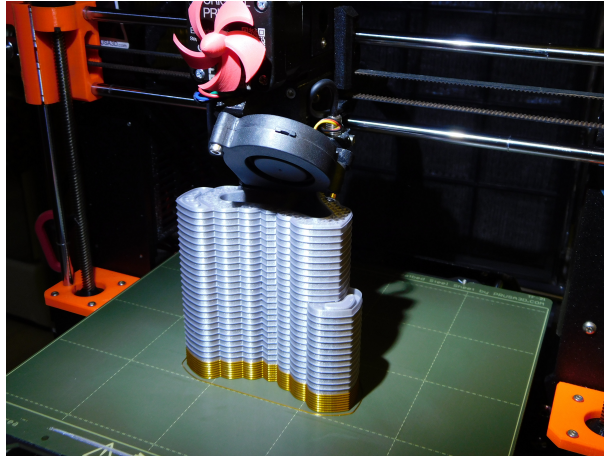
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Burj Khalifa, the tallest building in the world, 1:1000 scale model

There are several 3D models of this building on the Internet, I printed one myself as a gift for my cousin, who was in Dubai and saw this skyscraper. I am fascinated by this miracle of engineering, its beautiful shapes, so I wanted to create such a model myself, and when the building is actually huge, why shouldn't the model be too. So I created it in a scale of 1:1000 - so the model is 828 mm tall when assembled.

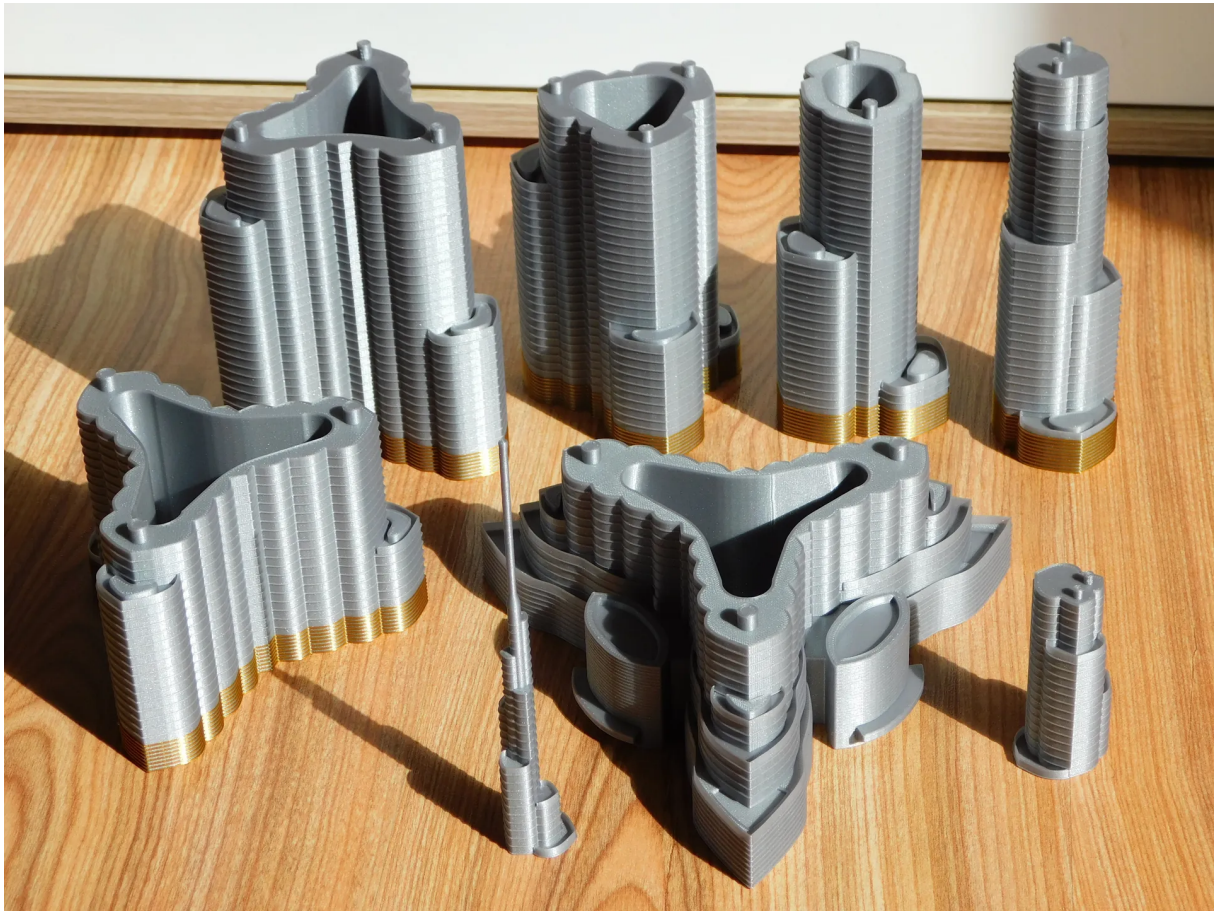
Printing part 3



The model can be printed by those who have already been to Dubai - as a souvenir.

The model is made of **eight parts**, I added connectors for a more precise connection.

Most of the model is hollow, the lower 1st part has a bottom so that you can add a weight to it, so that the model is stable.



To make the model color true, I alternated the colors silver and gold, manually 102 times, G-codes contain color changes
The tallest building deserves to spare neither material nor time, if you persevere, the result will be perfect.
Approximate consumption of material is 550 grams of Pla, printing time with my layer height setting of 0.2mm around 40 hours

I used **Prusament Galaxy silver** and **Prusament Viva la bronze**

Such a tall model is difficult to photograph, but I will try to bring nice pictures of it

Model files



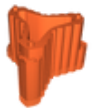
no-print-preview-of-the-model.stl



part-1-full-bottom.stl



part-1-hollow-bottom.stl



part-2.stl



part-3.stl



part-4.stl



part-5.stl



part-6.stl



part-7.stl



part-8.stl

Print files



part-1-full-bottom_022mm_pla_mk3s_8h57m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.22 mm ⌚ 8.94 hrs 📊 132 g 🖨️ Prusa MK3/S/S+



part-2_02mm_pla_mk3s_6h55m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 6.91 hrs 📊 84 g 🖨️ Prusa MK3/S/S+



part-3_02mm_pla_mk3s_9h8m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 9.13 hrs 📊 113 g 🖨️ Prusa MK3/S/S+



part-4_02mm_pla_mk3s_6h31m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 6.51 hrs 📊 82 g 🖨️ Prusa MK3/S/S+



part-5_02mm_pla_mk3s_5h2m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 5.03 hrs 📊 63 g 🖨️ Prusa MK3/S/S+



part-6-_02mm_pla_mk3s_3h40m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 3.67 hrs 📊 44 g 🖨️ Prusa MK3/S/S+



part-7_02mm_pla_mk3s_1h23m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 1.39 hrs 📊 9 g 🖨️ Prusa MK3/S/S+



part-8_02mm_pla_mk3s_1h3m.gcode

🌀 PLA 📏 0.40 mm ⚖️ 0.20 mm ⌚ 1.04 hrs 📊 5 g 🖨️ Prusa MK3/S/S+

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