Huge Rubik Cubes
YongJun MoYu 13 Layer, made in China, 2015.
(plastic, 5+1/4", over 1000 pieces, weighs 5+1/3 pounds)

This cube goes improves the 11x11x11 design with extra tabs on the ends of some pieces. *Tony Fisher* does an impressive job in a video showing a complete disassembly of the cube, and a second video showing a reassembly; he identifies 38 piece classes.

Even larger Rubik's cubes have been custom made with 3D printing. In February 2011 *Oskar Van Deventer* presented a Rubik 17x17x17 cube called "Over The Top" (using *Shapeways* 3D printing technology). In 2016 *Coren Puzzle* made a 22x22x22 cube with 2,691 pieces, and in 2017 *Grégoire Pfennig* demonstrated this 33x33x33 cube with 6,153 pieces (and 6,534 stickers):

The reduction to a Rubik 3x3x3 solution used for Rubik 4x4x4 and Rubik 5x5x5 solutions can be used (in principle, with enough patience) for solving large cubes of any size.

**Further Reading**
*Tony Fisher Disassemble*, from: https://www.youtube.com/watch?v=JlbsR--UVf8
*Tony Fisher Reassemble*, from: https://www.youtube.com/watch?v=xP8AdF8T1-w
*Oskar Deventer presentation February 2011*, from:
  http://twistypuzzles.com/articles/building-17x17x17/building-17x17x17.pdf
*Shapeways Page*, from: Shapeways page, from: http://www.shapeways.com
*Rubik 17x17x17 Video*, from: http://www.youtube.com/watch?v=ihWyzvOM9pk
*Rubik 17x17x17 Disassembly Video*, from:
  http://www.youtube.com/user/OskarPuzzle?blend=2&ob=1#p/u/2/CBY7JRh2YOo
*Ruwix Page about the 22x22x22 cube*, from:
  https://ruwix.com/the-worlds-largest-cubic-nxxnx-rubiks-cube-puzzle-22x22x22
*Ruwix Page about the 33x33x33 cube*, from: https://ruwix.com/33x33x33-rubiks-cube
*Greg's 33x33x33 video*: https://www.youtube.com/user/RubixFreakGreg

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