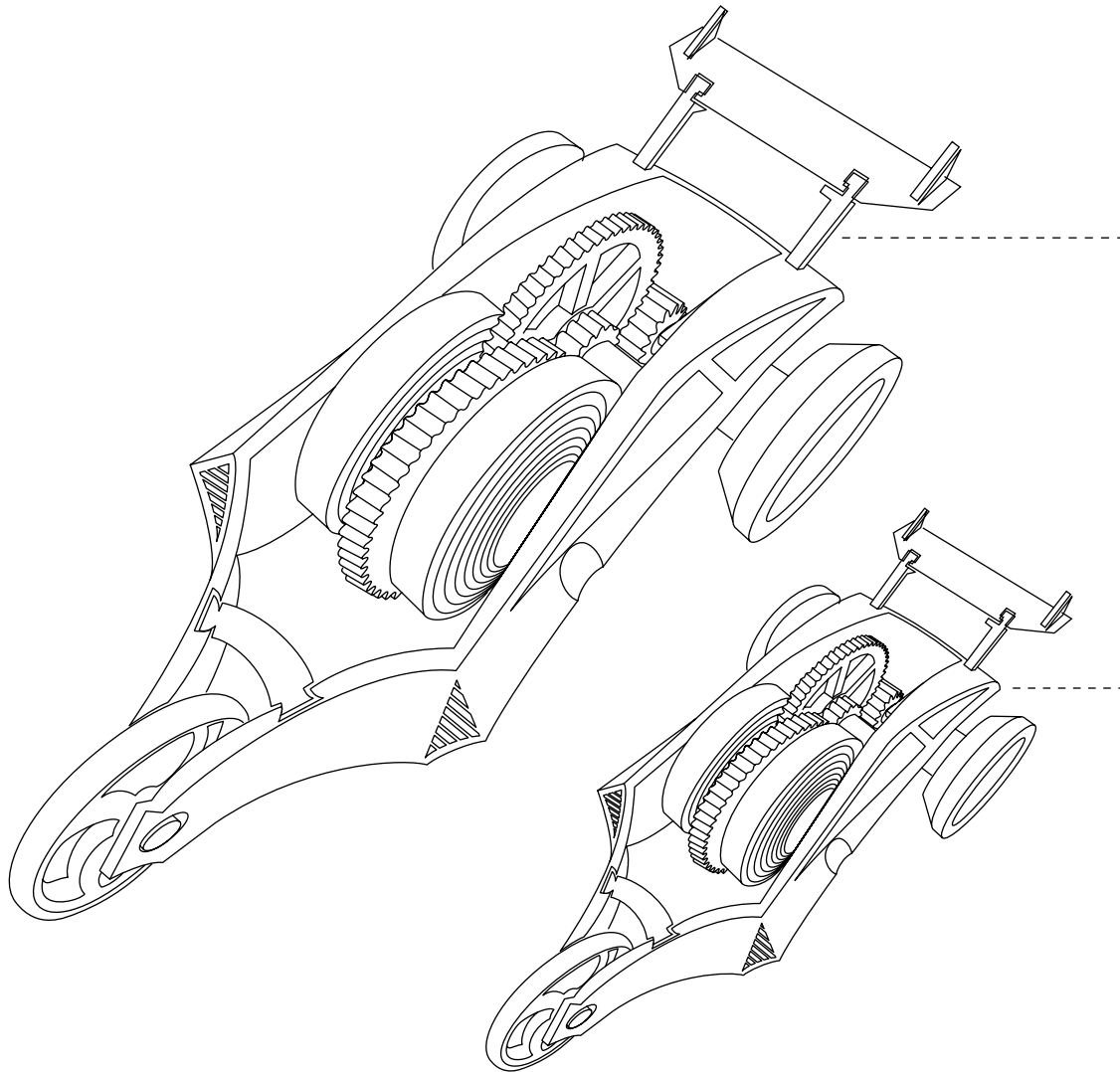


Wind-Up Racers



Wind-Up Racer for CubePro 11" x 5"

What you'll need:



CubePro
printer



Cartridges

CUBEPRO PRINTABLE 3D FILES

Download at:
[www.Cubify.com/
windupracers](http://www.Cubify.com/windupracers)

**PART TO
PURCHASE**
#62 Rubber
bands

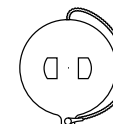
3D print time: Approx 25 hours

Wind-Up Racer Mini for Cube 7" x 3"

What you'll need:



Cube printer



Cartridges

CUBE PRINTABLE 3D FILES

Download at:
[www.Cubify.com/
windupracers](http://www.Cubify.com/windupracers)

**PART TO
PURCHASE**
#62 Rubber
bands

3D print time: Approx 12 hours

Use default settings:

Layer resolution: 200 microns

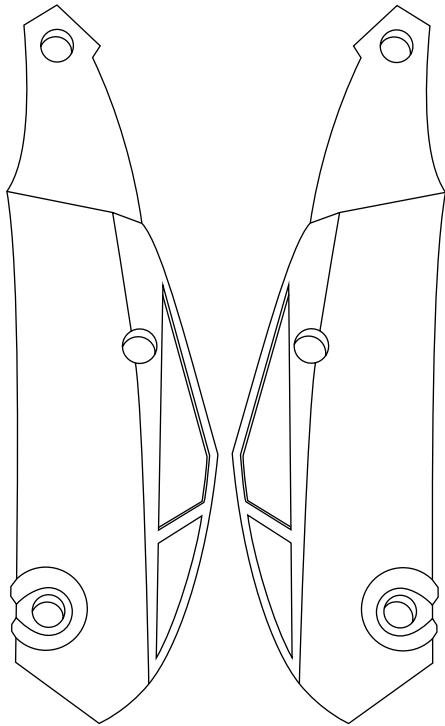
Print strength: strong

Print pattern: diamonds

 **Cube** and
 **CubePro**
PRINTABLE

Show off your projects at **#Makelt3D** www.Cubify.com/windupracers

Components & 3D printing tips



Left Frame

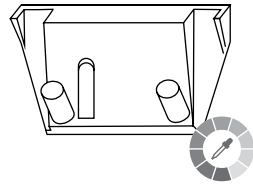
Cube: Turn part 50 degrees on z-axis to fit on print plate. Use sidewalk with ABS. Don't use sidewalk for PLA.

CubePro: Use sidewalk with 1 layer. Keep every other setting DEFAULT.

Right Frame

Cube: Turn part 50 degrees on z-axis to fit on print plate. Use sidewalk with ABS. Don't use sidewalk for PLA.

CubePro: Use sidewalk with 1 layer. Keep every other setting DEFAULT.



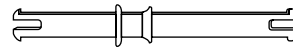
Back frame crossbeam

Cube: Back frame crossbeam_multi-color

CubePro: (ASSEMBLY) Back frame crossbeam + Back frame crossbeam_mufflers



Drive gear



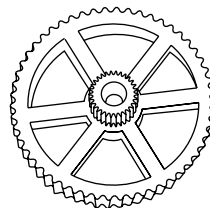
Drive axle



Front frame crossbeam



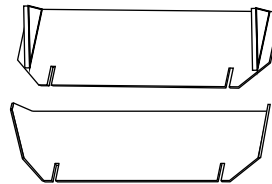
Front wheel clip



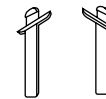
2nd gear



2nd gear axle



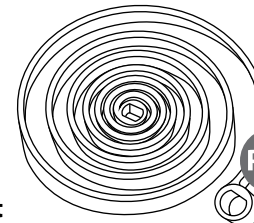
Spoiler 1 and Spoiler 2 (Choose one)



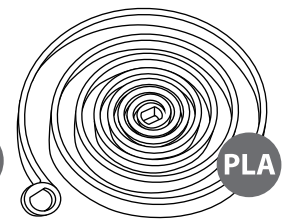
Left spoiler shaft



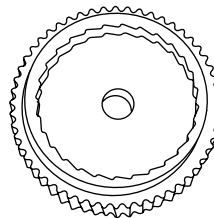
Right spoiler shaft



Spring 1



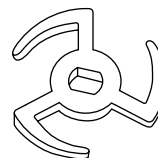
Spring 2



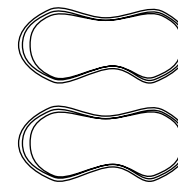
Main gear



Main axle



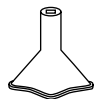
Pawl



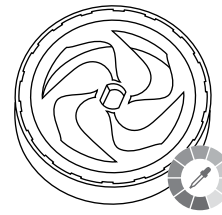
#62 rubber bands



Ignition lever



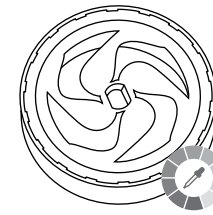
Knob



Left back wheel

Cube: Back wheel left_multi-color

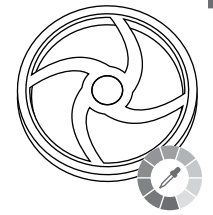
CubePro: (ASSEMBLY) Back wheel left_tire + Back wheel left_rim



Right back wheel

Cube: Back wheel right_multi-color

CubePro: (ASSEMBLY) Back wheel right_tire + Back wheel right_rim



Front wheel

Cube: Front wheel_multi-color

CubePro: (ASSEMBLY) Front wheel_tire + Front wheel_rim



When loading multi-color files on CubePro use 'OPEN MODEL ASSEMBLY.' You will be prompted to pick a file. Choose either of the 2 files (order makes no difference). Then you will be prompted with 'Load additional assembly model?' You will have a choice of 'OK' or 'DONE.' Click 'OK.' Pick your second file. You will be prompted again with 'Load additional assembly model?' Click 'DONE.' Now you may use the paint wheels on the top of your slicer to highlight what color you want each shell to be. You must go through these steps each time when loading a separate assembly.



Print this part in PLA only.



Files may be printed on one print bed.