

Mach 2 side trolley

Print instructions

Print all components once except for the 90mm part, which needs to be printed twice.

Print all components flat on the build plate, no need for supports, infill over 30%

Glue all pieces of the curved section together

Assemble the curved section and one 90mm block, but leave space on both sides as shown in the picture. This so that the force on the main 90mm block is only a downward force and no rotating moment.



Glass over this entire structure to reinforce this part. Other parts are structurally strong enough by printing alone. Filler can be used to smoothen the corners between the main 90mm block and the curved arm



To assemble the blocks on the Aluminium tube, place all blocks on the tube, Make sure to leave the longest end on the side which will be at the bow. Fit all blocks and drill holes, nuts for M4 bolts automatically fit in the holes of the blocks.

You may have to remove the bearings of the wheels to fit them on the aluminum profile.