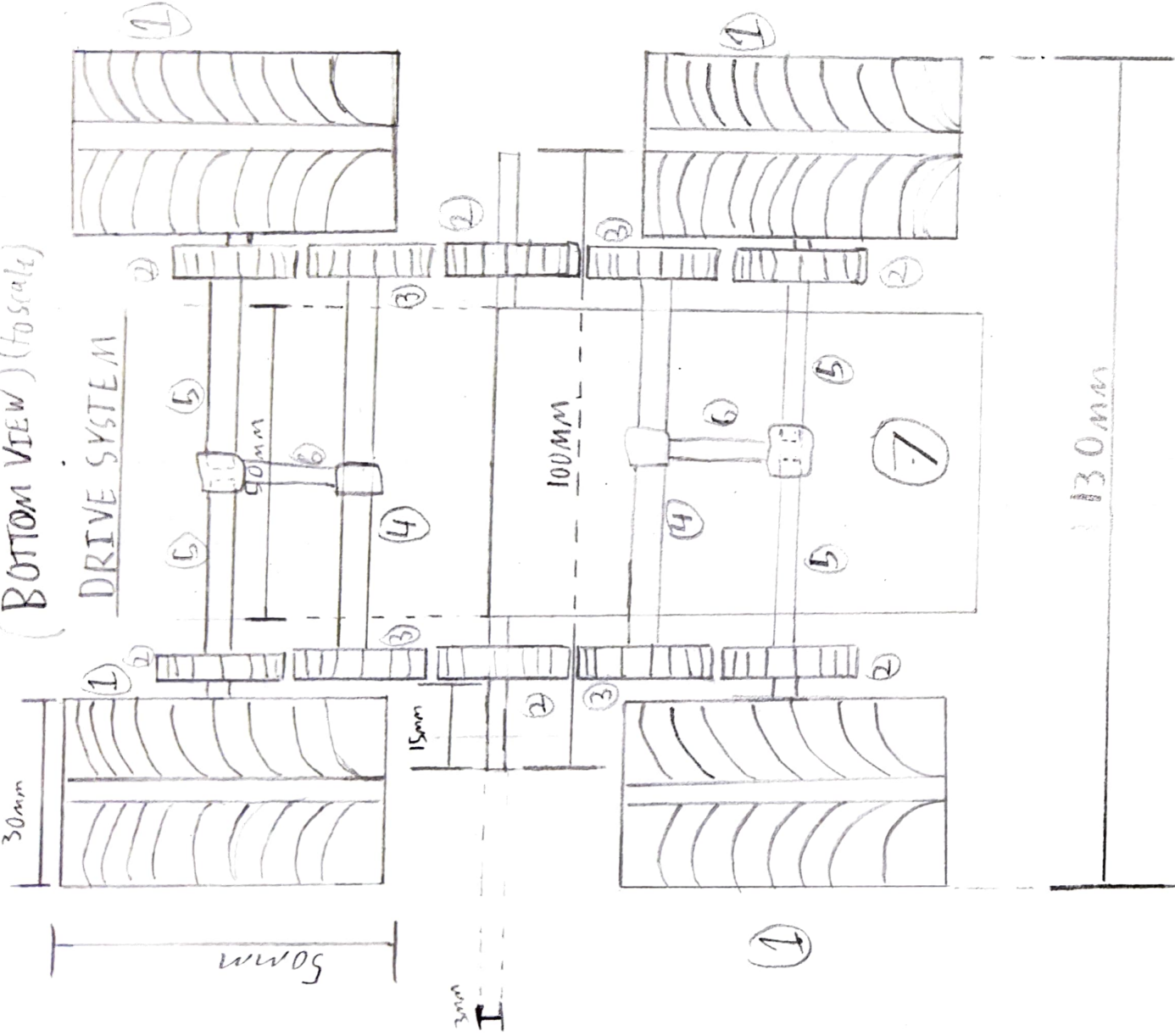


(BOTTOM VIEW) (to scale)

DRIVE SYSTEM



① 50mm Tamiya Off-Road Tires

② 20mm 3D-Printed tight-fit gear

③ 20mm 3D-Printed loose-fit gear

④ loose-fit axle

⑤ tight fit axle

⑥ axle reinforcement

⑦ Tamiya twin motor gear box

Specs:

203:1 gear box ratio

Motor torque: 0.59 mN·m

Wheel torque: 114.77 mN·m

@ 1.5V constant, 0.66A

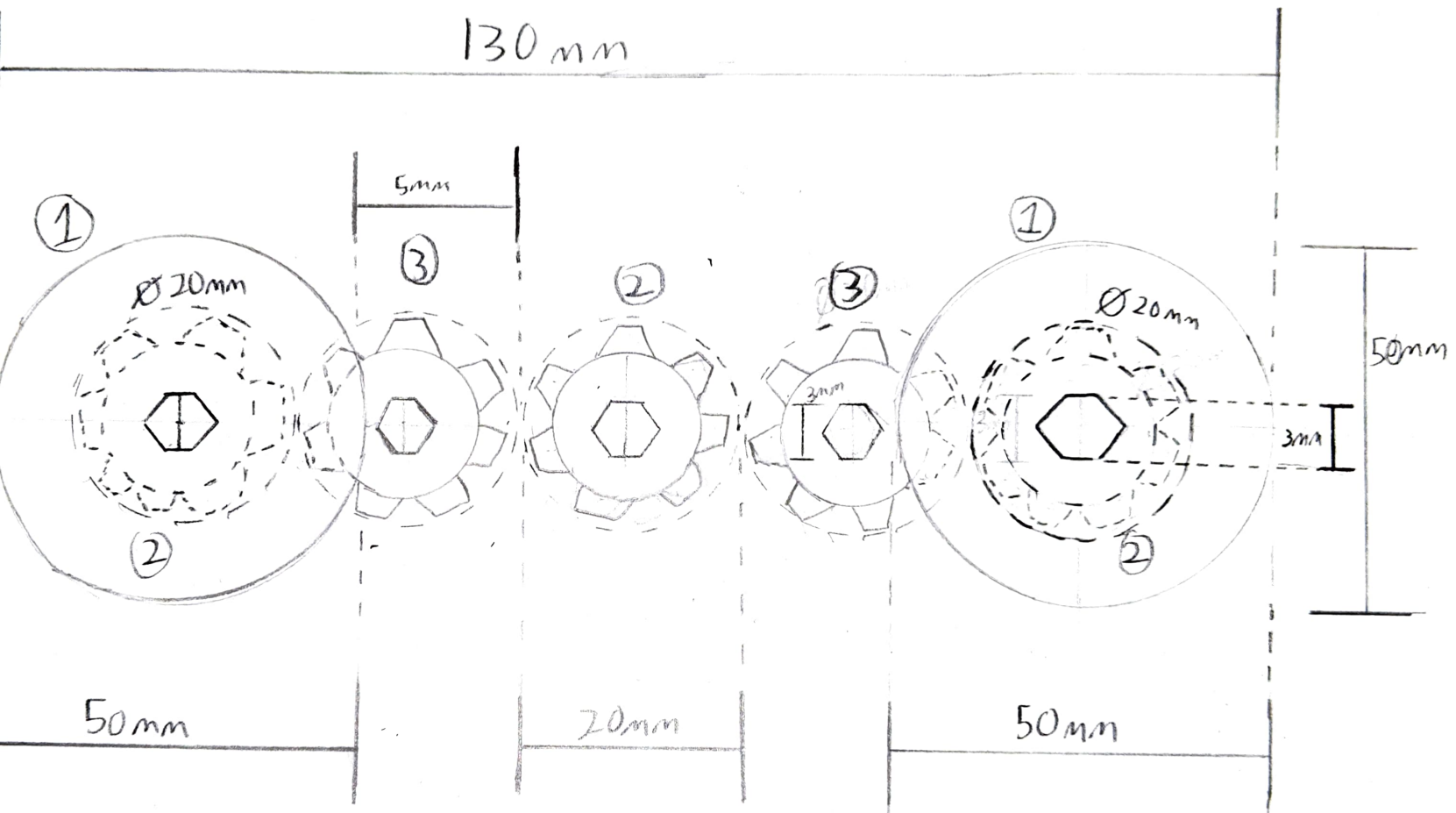
Drive system specs

Speed: 0.178 m/s , finishes course in 2 mins

independently controlled sides for on-the-spot turning

4 large wheels for rough terrain

DRIVE SYSTEM (SIDE VIEW)



① 50mm TAMIYA Off-Road Tires

② 20mm 3D-Printed tight-fit gear

③ 20mm 3D-Printed loose-fit gear