

Deck	Wheels	Drive system	Chassis	ower supp	Board controller	Control stick
24 mm plywood	Silicon (vytaflex 50 or 60 2-components polyurethane rubber compound)	2 motors (brushless)	Aluminium bricks	LiPo 4-6S >5000m	Controller (Genuino 101 with Bluetooth and IMU onboard)	Controller
Endmills for wood	Aluminium bricks for discs	2 ESC	fixtures	BEC for stabilize	Other sensors (wheight, distance, IMU, etc)	Bluetooth
fillet endmill	wheel gear	Pinon gear (motor)	bushings	Charge onboard s	Housing (water resistance?)	IMU
Grip Deck Tape	Bearings		spring (?)	Thick wires		input speed data
			Bearings			power supply
need to buy						
name	link	price	comment			
Grip Deck Tape	https://www.skvot.com/catalog/skateboarding/skin-for-skateboarding	400		2100		
bushings	https://www.skvot.com/catalog/skateboarding/dampers	400				
Pivots	https://www.skvot.com/catalog/skateboarding/dampers-independent-pivot-cups-48-shtuk-00106857	100				
Bearings	https://www.skvot.com/catalog/skateboarding/bearings-for-skateboards-element-muska-abec-7-00031275	1200				
Aluminium bricks	Contact	4000	(?)			
polyurethane (vytaflex 50)	http://top3dshop.ru/material/smooth-on-vytaflex-60.html	2000				
		sum				
		8100				
TO DO						
Design the deck						
Design the wheels						
Design the mold for casting tires						
Design the discs						
Design housing for a						
Mill deck						
Mill track						
Mill weels discs						
Develop board control system						
Develop power system						
Electronics						
Program it						
assembly it						
ta-da!						