

# Robosota

Finnish Combat Robotics Community

## 150 g / 450 g COMBAT ROBOTS ANATOMY - SPINNER

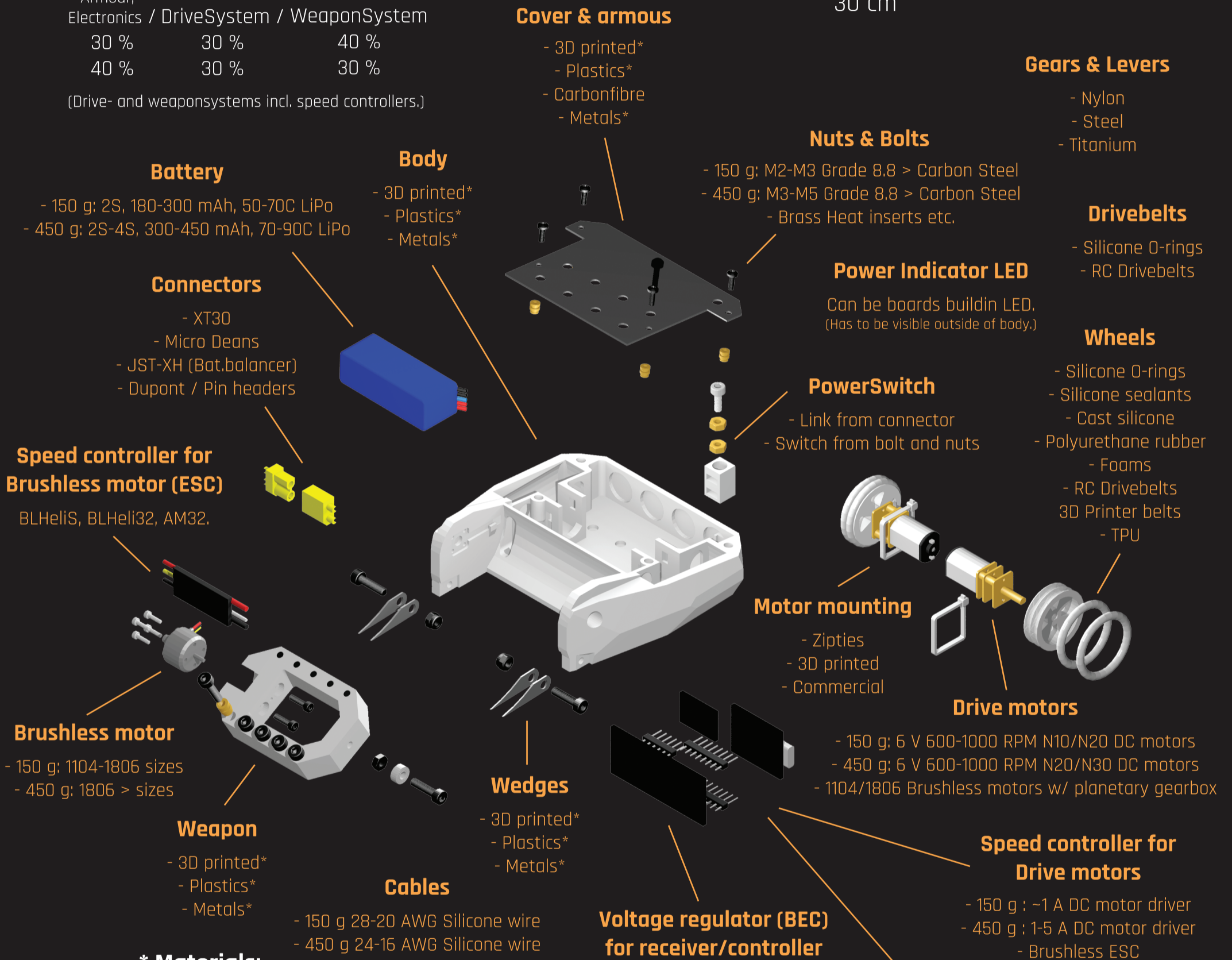
### Overall weight ratio:

Body, Armour, Electronics / DriveSystem / WeaponSystem		
30 %	30 %	40 %
40 %	30 %	30 %

(Drive- and weaponsystems incl. speed controllers.)

### Max. allowed total length:

30 cm



### Gears & Levers

- Nylon
- Steel
- Titanium

### Drivebelts

- Silicone O-rings
- RC Drivebelts

### Wheels

- Silicone O-rings
- Silicone sealants
- Cast silicone
- Polyurethane rubber
- Foams
- RC Drivebelts
- 3D Printer belts
- TPU

### \* Materials:

#### 3D print:

- PLA, PLA Tough, PLA+
- NYLONS
- TPU

#### Plastics:

- Polycarbonate
- HPDE
- UHMWPE

#### Metals:

- Aluminium
- Steels
- Springsteel from sawblades, scrapers etc.
- Titanium

#### Other:

- Household items and tools

### Transmitter

- RC transmitter (Flysky i6...)
- Bluetooth / Wifi controller (Phone...)

### Receiver / controller

- Malenki Nano
- Flysky FS2A...
- Arduino based microprocessors

### Places to find 3D prints:

- Thingiverse
- Grabcad

### Places to buy:

- Bristol Bot Builders
- Monsoon Robotics
- Fingertech
- Hobbyking
- Botland
- Robot Shop
- Ebay
- AliExpress

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