**Ordered parts**

**Robot dimension: 150mm diameters, 130mm tall**

**P.S.: Please take the dimension, number and price into consideration**

* **Motors**

**item #3203,** [**20.4:1 Metal Gearmotor 25Dx50L mm HP 12V, qty:2**](https://www.pololu.com/product/3203) **(check)**

<https://www.pololu.com/product/3203>

**iitem #3204,** [**34:1 Metal Gearmotor 25Dx52L mm HP 12V, qty:4**](https://www.pololu.com/product/3204) (check)

<https://www.pololu.com/product/3204>

* **Wheels**

wheel: <http://www.banebots.com/product/T40P-295BA-HS4.html> \*8

Hub: <http://www.banebots.com/product/T40H-SM41.html> \*8

Ball caster

<https://www.pololu.com/product/951>\*4 (check)

* **Motor Driver**

[**http://www.amazon.com/RioRand-Circuit-H-bridge-IRF3205-Arduino/dp/B00MGBD8Q4/ref=pd\_sbs\_229\_1?ie=UTF8&dpID=411EpzruKaL&dpSrc=sims&preST=\_AC\_UL160\_SR160%2C160\_&refRID=1ZRDZ569SKJ5JSWSVBZR**](http://www.amazon.com/RioRand-Circuit-H-bridge-IRF3205-Arduino/dp/B00MGBD8Q4/ref=pd_sbs_229_1?ie=UTF8&dpID=411EpzruKaL&dpSrc=sims&preST=_AC_UL160_SR160%2C160_&refRID=1ZRDZ569SKJ5JSWSVBZR) **\*3**

* **Battery**

<http://www.hobbyking.com/hobbyking/store/__7345__Rhino_1750mAh_4S_14_8v_20C_Lipoly_Pack.html> \*4

<http://www.hobbyking.com/hobbyking/store/__73942__Turnigy_B4_Compact_35W_4A_Automatic_Balance_Charger_2_4S_Lipoly.html> \*2

Order from other website:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **item** | **qty** | **price each** | **total** | **name** |
| Motor drive | 3 | $22.29 | $67.17 | Yilin |
| return motor drive | 1 | $22.29 |  |  |
| Rhino 1750mAh 4S 14.8v 20C Lipoly Pack | 4 |  | $52.80 |  |
| Lipo Charger | 2 |  | $24.64 |  |
| Battery & charger & shipping | 6 |  | $97.82 | Yilin |
| Wheels & hubs & shipping | 8 |  | $58.55 | Xinqian |
| Hubs & shipping | 6 |  | $29.75 | Xinqian |
| M2 | 2 | $20 | $40 | Xinqian |
| M2 | 1 |  | $20 | Wenhao |
| Quater | 200 |  | $130 | Xinqian |
| Pololu |  |  | $200.06 | Yilin |
| battery | 2 |  | $40.75($10.93 shipping fee) |  |