

a 7.5 kg robot. However, this speed is too slow for the elevate-mechanism, significantly impacting its efficiency and preventing us from quickly gaining an advantage with the C-tier.

Therefore, option 2 seems less suitable. We believe that one or two smart motors will not cause a significant change in the intake performance, at most it may slightly reduce suction power, but the impact will not be significant. In this case, we choose the option 1.

Chassis

② 2. Chassis modifications:

We will not make significant changes to the chassis. The speed of 342 rpm is still necessary to balance combat capabilities and speed, meeting the tactical requirements of current gameplay.

③ 3. Center of Gravity adjustment

Barycenter

There won't be many modifications to the intake and elevate-mechanisms.

However, we need to consider the issue of the center of gravity. Since the C-tier elevation require a high ~~balance~~ level of balance, the robot needs to be naturally balanced as much as possible. Therefore, if we add a

project

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