

Logged by Sam Poirier

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**Future Changes:**

* Axles need to be cut and secured
* Need to add a plate for mounting the lifting device/intake

**Changes Made:**

* Motors have been moved from the primary frame to a secondary mounting
* 2 internal wheels have been removed

**Overview:**

This is the second version of our robot. With the first prototype, we found that too much space was being wasted allowing all the motors to be blocked together, reducing the space in the centre of the robot which we needed for our intake device. We decided to make the motor block a modular attachment. We will most likely keep this basic design for the next versions of the robot however it requires some additions and changes such as securing axles and the addition of a mounting plate for our lifting device.

We removed two wheels as doubling them up was unnecessary and only served to add redundant weight to the robot.

**Specification:**

* 6 Motor HS drive
* 2 drive chains
* 4 wheels
* Aluminium structure

**Dimensions:**

* 17.5″ x 15″

Robot v1.1