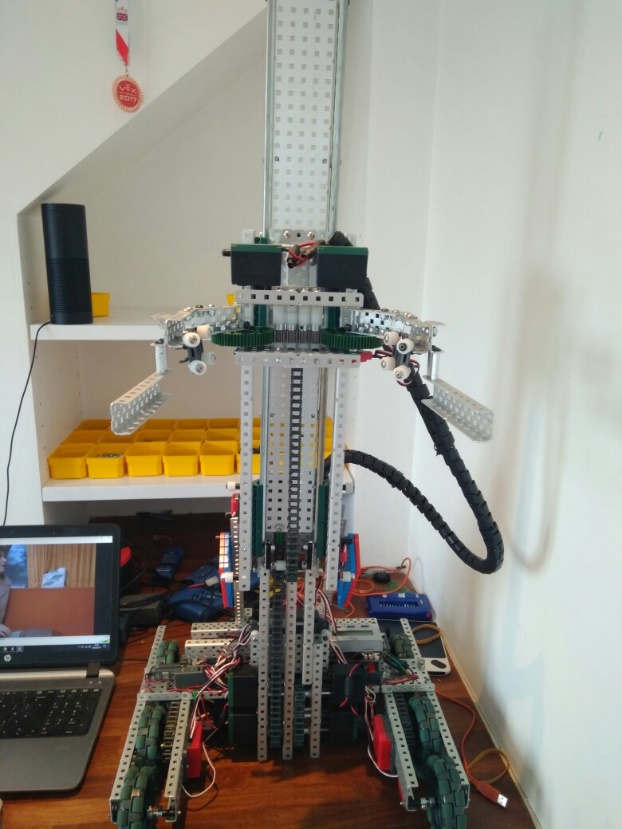
Robot v1.29



**Specification:**

* 6 Motor HS drive
* 2 drive chains
* 6 wheels
* Aluminium structure
* 4 motor lift
* 3 stage lift
* 2 motor flip down claw

**Dimensions:**

* 17.5” x 17.5” x 17.5” when not extended

Logged by Felix Black

04/08/2017 – 16:03

**Future Changes:**

* Program PID control
* Add a way to hold up claw before the match starts

**Overview:**

After we called up our Vex parts supplier we found out that our field elements would not be arriving for at least another month. We decided to cut out a piece of paper in the exact dimensions of the mobile goal found in the field appendixes to try and prototype a mobile goal manipulator. After building the extension to the claw which we are certain will be able to pick up the mobile goal we realized that the claw was too big and was out of the size limit. After deciding that making it smaller wouldn’t be a very good idea we decided to make our claw fold up at the begging. We did this using a hinge. We now need to find out a way to hold the claw up before the match starts.

**Changes Made:**

* Added mobile goal manipulator
* Made the claw flip down