Robot v1.20



**Specification:**

* 6 Motor HS drive
* 2 drive chains
* 4 wheels
* Aluminium structure
* 4 motor lift
* 2 stage lift

**Dimensions:**

* 17.5” x 15” x 17.5” when not extended

**What needs to be changed:**

* Fix lift problem
* Build the claw

Logged by Sam Poirier

09/07/2017 – 12:55

**Overview:**

Finally, we have mounted the lift onto the base of our robot. After that we mounted the cortex and the power extender which we plugged the lift and drive into. We also finally got around to improving the cable management of our robot. After switching everything on we found the robot was balanced well and the drive worked perfectly however the lift was having problems. We found the lift would go up perfectly however would jitter and shudder when going downwards. We could not identify the problem today however we plan to work out what is causing the problem and fix it.

**Changes Made:**

* Attached lift to base
* Added 2 more motors to lift
* Mounted cortex and power extender
* Wired up the robot