

GRABBER

- picks up cargo quickly and securely from the ground, head on
- cargo is kept inside the frame for secure possession
- quickly and effectively retrieves hatches from the loading station using an active claw mechanism

LIFTER

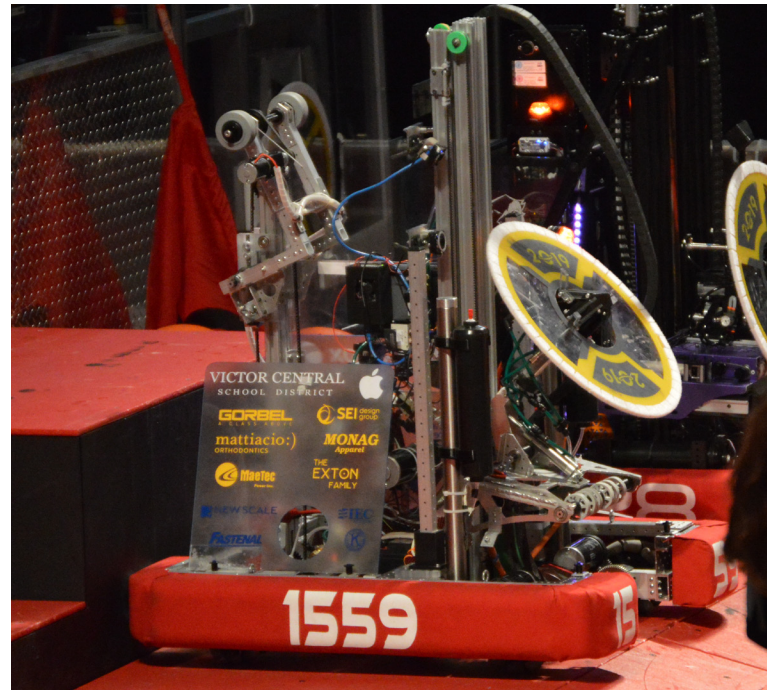
- innovating on last year's design, we use a 2-stage lifter which can reach max height in under 2 seconds
- preset heights make for quick and efficient lifting
- max height can reach top of rocket to place cargo and hatches

DRIVE TRAIN

- 4-wheel mecanum chassis, allowing for maximum versatility and speed
- perfect for swift robot alignment to cargo ship and rocket
- open front to accommodate cargo

STEPPER

- capable of climbing to 3rd level of the habitat at end game



VISION

- vision system detects targets on the rocket or cargo ship for autonomous alignment
- camera system allows for driver to navigate during sandstorm period

DRIVE TEAM

- 2 years experience together
- World Championship Quarter-finalists in Detroit 2018

CHECK ON-LINE FOR UPDATES

