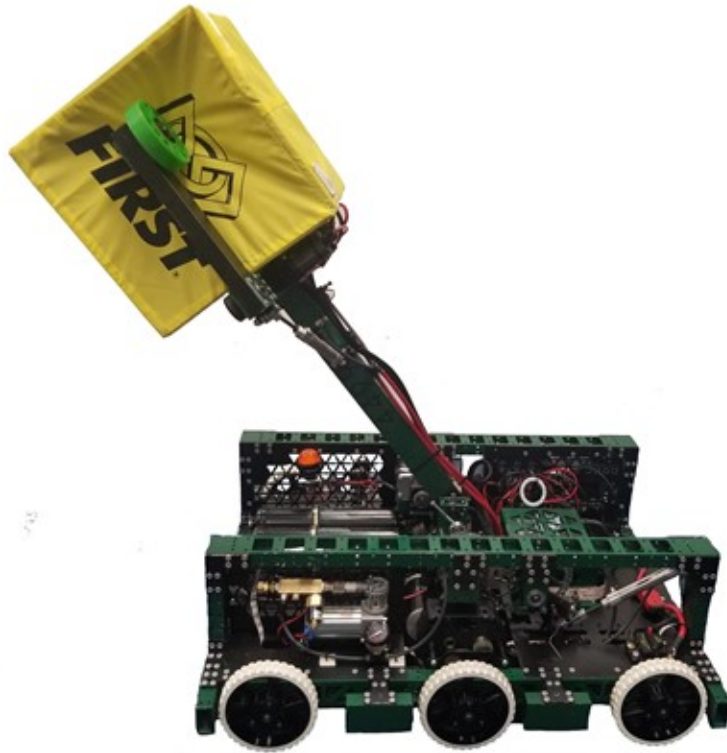


# Team 4499 The Highlanders

## Robot Spec Sheet

### Introducing: Simatar



See us filling the vault  
in 1 minute!

### Robot Specifications

Weight: 93 pounds  
Full Height 42.5" arm straight up  
Switch/Exchange

### Arm

180 degree articulating arm  
Run by 2 rs775 pro motors  
Pneumatically controlled braking system.  
Full custom feed forward motion profile  
Preset and user-defined positions.

### Drive Train

6 x 6" Andymark wheels  
Speed 4 fps low/16fps high  
6 Cim motors

### Intake

4 4" Compliant Wheels, with individually acting  
pneumatic arms. Can pick up crates in any  
direction.

### Strategy

Fill Vault < 1 minute  
Take opponent switch  
Defense