movement system -- tank type thing with treads

6-wheel design with gears

more wheels, better, so if 1 goes off ground, there are more points of contact.

Wheels -- treads, big wheel, small wheel

Drop-off system -- bed system with treads, separate container for each.

drop behind, to side of robot

2 motors for turning/moving

Overcome obstacles -- push or drive over? snow plow

|  |  |  |  |
| --- | --- | --- | --- |
| **System** | **Means** | | |
| Body | Tank | Multi-wheel design |  |
| Wheels | treads | big wheels | small wheels |
| Drop-off system | bed with treads | separate container for each antenna |  |
| Drop-off location w/ respect to robot | behind | to the side(s) |  |
| Overcome obstacles | snow plow | drive over |  |