

Questions:

Does the minibot have to be one piece?

Arena

No dimensions for grid, use camera & program

Three reflectors for each peg, one on the foot, one below, one above

Walls 6.5 feet tall

Groups of 3 are 30" apart

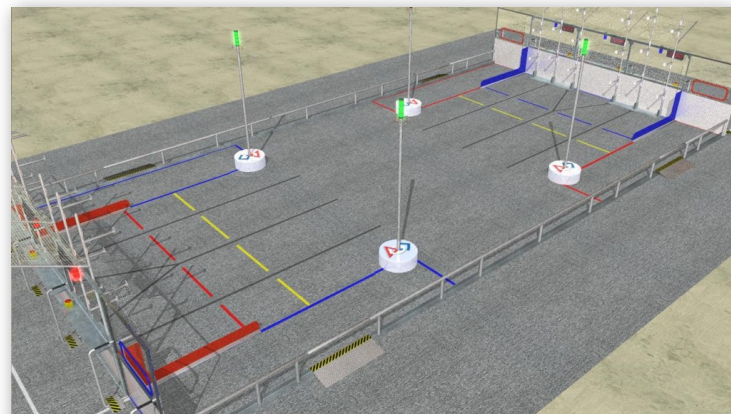
Tower 122" tall 1.75 inches dia, steel, base 12" high and 30" diameter

Deployment line for minibot 30" from floor

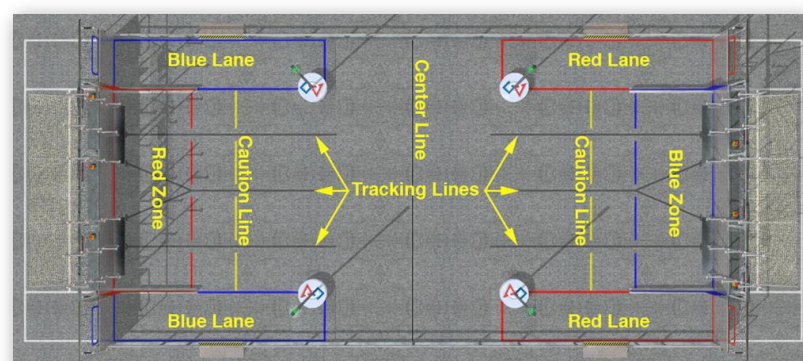
Tracking lines 19.5 feet out (to towers)

Sensor at top of tower is plate that triggers light sensor

Drivers on same side as zone



Field



Markings

Game

Start robot on tracking line on your side

Can't descore opponent

10 penalties for pinning robot

Penalty for interfering with other minibots

Tower deactivated if before last 10 seconds or for deploying above line

Penalty for entering opposing zone and lane

Scoring

Tubes 1st tier 1 point, 2nd tier 2 points, 3rd tier 3 point

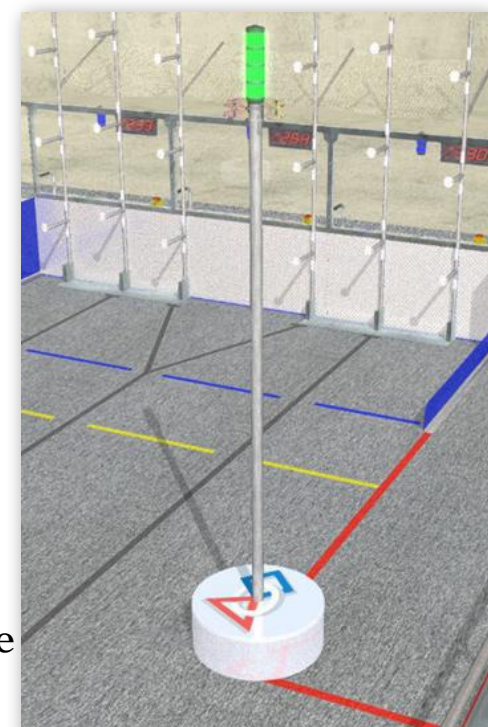
Double if it makes the logo

Ubertube doubles individual game piece

Ubertube also 2-6 points alone

Tower - 1st place 30 points, 2nd place 20 points, 3rd place 15 points, 4th place 10 points

Pieces through slots or over wall



Tower

Robot

Prohibited materials:

- Devices to limit vision
- Distracting sounds
- Lasers

- Flames

Leading edge protrusions can't be sharp or be hazardous to game pieces

Can't permit penetration

Bumpers on whole robot between 1-7" above floor, change colors

Size:

Starting Configuration

- ▶ 28" x 38" by 60" tall 120 lbs

Playing Configuration

- ▶ 60" dia cylinder 120 lbs

Not included in weight: battery, bumper, minibot

Minibot

12" cube

FTC kit

Removed from tower

Tournament

Rules