



Invetech Sumo FAQ

The robot stops moving on the dohyo. ??? For more than X seconds. How long can you stop for?

If a robot remains stopped for 5 seconds it will be declared as unwilling to fight. The opposing robot will receive a Yuko point.

The robot must fit in a 20x20 box..... does that mean it must *always* meet this requirement? What if it has arms, bumpers, or sensors that were rigged to pop out after it started?

The robot must START on a 20cm X 20cm footprint. You may have noticed that there is no height restriction so as soon as movement is allowed in a round, the robot may then twist, fall or expand without size limit.

The robot will not include a device that insufflates any liquid, powder, or gas. Does that rule out pneumatics?

Pneumatics is not ruled out. Just remember that no liquid may be sprayed on an opponent or the competition surface. Do not design a robot weapon that has intent to damage an opponent's robot or the spectators. Normal pushes and bangs are not considered intent to damage.

Will there be any access to the setup beforehand for testing? e.g. calibration of opto's used for seeing the boundary of the ring for ambient light conditions?

You will be given as much access as possible to a sample arena. This will be a full size (2m with 10cm border) standby dohyo. This will be available as soon as possible.