

Fall 2023 Rules



FALL 2023 OFFICAL SUMOBOTS RULES



BASIC RULES...

1. There is **NO HEIGHT LIMIT**, but the entire bot must fit within 8.5in x 11in (size of standard sheet of printer paper)
2. The entire bot must weigh less than 5lbs or 2.268 kilograms
3. Damaging or altering the ring is not permitted.
4. At least one part of the bot must be 3D printed.
5. Devices and contraptions designed to push/lift an opponent's bot **ARE** allowed. Ones designed to pierce, stab, burn, or damage an opponent's bot are **NOT** allowed.

MORE RULES FOR THE SILLY PEOPLE...

1. Any flaming devices are not allowed.
2. Knives and razor blades are not allowed. *
3. No projectiles.
4. Devices that produce an electrical discharge are not permitted.
5. Devices that can store liquid, powder, gas or corrosive substances for throwing/spilling at the opponent/ring are not allowed.
6. The robot must have **AT LEAST** one component in contact with the ring (no drones/flying bots!)
7. Sticky substances to improve traction are not allowed **
8. Jamming devices intended to disrupt an opponent's RC controls not permitted.
9. Any devices deemed too dangerous by the team leads will disqualify a bot so if you're confused ask us!

*Any components deemed too sharp will be taped over at pre-fight check-in

** (This will be checked at pre-fight as all Tires and other components of the robot in contact with the ring must not be able to pick up and hold a standard 3"x5" index card for more than two seconds)

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