

Makerfight's arena description:

Picture of the partially assembled arena:



Detail with visible bottom walls reinforcements:



Main constitution :

The external outside dimensions are 4 meters x 4 meters.

The distance between the floor and the ceiling is approximately 2 meters.

The floor is made from 8 tables, 2mx1m each, 2mm steel, reinforced with 15mm wood underneath. We intend as we have done since 2024 to paint the floor for better adherence.

The walls are made with steel frames holding 10mm thick polycarbonate sheets.

The current door opens toward the inside of the arena. We intend to change the frame to make a door that opens toward the outside.

The actual ceiling (not present on the picture) is made from steel frames holding 3mm thick polycarbonate sheets. We intend to replace it with wood frames holding 8mm thick HDPE sheets.

The current bottom walls reinforcements are made from bend 2mm steel sheets. We intend to replace them with thicker steel, or to reinforce them.

A 1 meter safety area keeps the public away from the arena, made with barriers. This area is only accessible to participants and organization members.

To know :

- During assembly we adjust as good as possible the height of the tables so the junctions between the tables do not affect the robot's mobility. However, it is possible that some height offsets are impossible to compensate for.
- The junctions between the tables and the bottom walls reinforcements may create a jamming point for robots with pointy shapes.
- There is a trap controlled by the public. It is a small post that goes up from under a table, close to the arena door.
- There is a possibility that a pit will be present