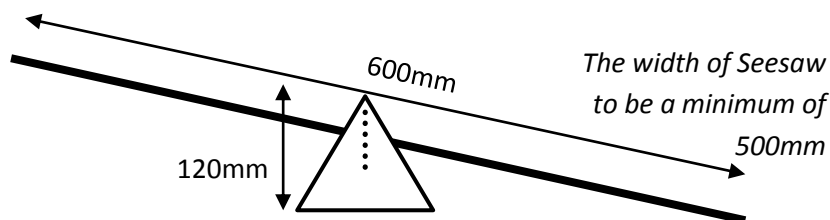


# RoboCup Rescue See-Saw

The See Saw may be introduced onto any straight section of the course. Its length will be 600mm and the central pivot will be from 70mm. Robots will need to be able to climb and descend both sides while following the line.



- The "See-Saw" will be constructed from 10mm plywood or similar. The pivot board is 600mm x 500mm.
- The two supports can be 120mm equilateral triangles.
- A base piece 120mm x 505 will join the two supports together.
- A 5mm hole 70mm from the base of the supports will be the pivot point for the "Sea-Saw".
- On the edge of the Pivot board drill a 3mm hole 295mm from one end on both sides. This will make the Pivot board heavy on one end so that it always tilts one way.
- Use a 50mm screw on each side to join the Pivot board to the Supports. Make sure that the pivot board moves freely under its own weight.
- The See-Saw competition surface will be of similar material to the Rescue Tiles i.e. white Heavy Duty Outdoor Vinyl Banner Material with a black electrical tape line. The Heavy Duty Outdoor Vinyl Banner Material can be sourced from most banner printing suppliers.
- Note: If you wish to mount the board on top of other tiles you will need to taper the leading edges of the pivot board so that the robots can easily negotiate the lead-in slope of the See-Saw.
- The competition See-Saw will be placed between tiles and have no taper