

euRathlon 2015

17th - 25th September 2015, Piombino, Italy

Requirements for land robots

Mass

There is no upper limit on the mass of UGVs, although teams with UGVs > 250Kg are advised to contact us for advice on their suitability for the terrain of the competition scenarios. Heavy vehicles will face difficulties in some scenarios, similarly exceptionally small/light vehicles may face difficulties with terrain.

UGVs weighing more than 75 kg must be equipped with a recovery facility. The UGV must be able to travel on an asphalt pavement without damaging the pavement surface.

Traction

UGVs must be propelled and steered by traction with the ground. The type of ground contact devices (e.g. tyres, treads or legs) is not restricted. The vehicle must not damage the environment or any infrastructure at the euRathlon location.

Size

There are no size limitations for the UGV, but teams should be aware that large vehicles are likely to have difficulties with the 'indoor' part of the scenarios.

General

Vehicle operation must conform to any regulations or restrictions imposed by the applicable land-use authority.