

## robuCAR TT All-terrain mobile platform



robuCAR TT is a powerful mobile robot, with excellent features for rough outdoor tasks. Its capabilities make it suitable for a wide variety of applications.

- Tough :** 300 Kilos payload
- Efficient :** high ground clearance - 4 driving/steering wheels
- Reliable :** its rugged mechanical architecture is strong enough to support jerk and heavy weather, even on hard terrain.
- Precise :** +/- 1mm repeatability
- Customizable :** a wide range of robotics modules are available to easily extend its capabilities (vision, navigation, localization...)

# robuCAR TT technical specifications

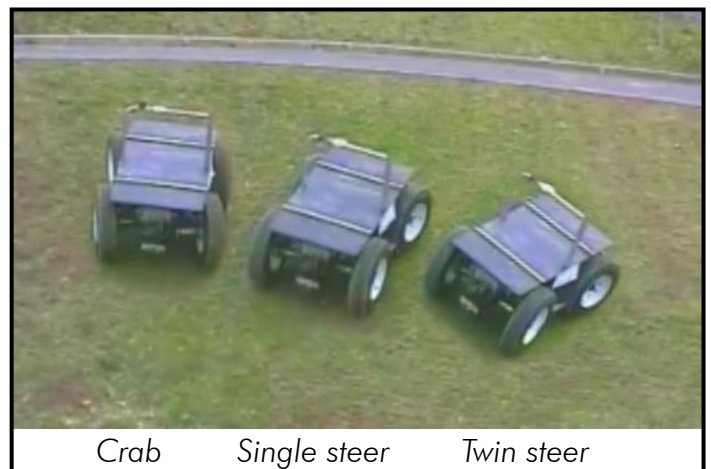
robosoft

## General :

- Height 610 mm
- Width 1300 mm
- Clearance 30 cm
- Weight 350 Kg including batteries
- Speed Up to 18 km/h (customizable)
- Motors 4 high torque permanent magnet  
900 watts - 48 VDC
- Max slope 45°
- Batteries 8 sealed lead
- Run time 4 hours
- Drive 4 driving / steering wheels  
Joystick for manual driving
- Ambient Operating Humidity 20 - 80%
- Weatherized motors IP65 / electronics IP54



Equipped for automated outdoor payload carrying



Crab

Single steer

Twin steer

## Hardware and Software :

- Hardware controller : robuBOX™ (see more on [www.robosoft.fr](http://www.robosoft.fr))
- Software development: MICROSOFT® ROBOTICS STUDIO



## Modules and Options:

- On board computer
- Vision systems (day/night, stereo...)
- Wireless communication devices
- Navigation (laser, dGPS...)
- Positioning and manipulation devices  
(arm, Pan & Tilt units...)
- Ultrasonic sensors, bumpers...



robuCAR TT with  
robuARM-S6.2  
robotic 6 DOF  
manipulator

