

MACROSWISS

TEAM INFORMATION

M-ELROB 2008 HAMMELBURG - GERMANY

Picture of vehicle:



Superior terrain handling: thanks to the "Flapper Wheel" design (Pat. Pending) the unit is capable of handling extreme obstacles that can be impossible even for much bigger robots (the unit was tested in the ELRob Non-Urban scenario and managed to cross the "Potato Field" obstacle which proved fatal to several bigger competitors).



www.macrowiss.com

Name of vehicle: Spyrobot 4WD

Picture of team leader:



Name of team leader:

Cino Robin Castelli

Team Name:

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Team Description: The Macroswiss Spyrobot team is the official entry for the urban scenario of Macroswiss S.A.

Our vehicle is called “Spyrobot 4WD”. The unit is the evolution of our previous Spyrobot prototypes and is the main changes from the previous platform are in the field of ruggedness and tossability. Another major change is in the battery system (from Lithium Ions to Lithium Polymers) and the innovative traction system.

Project Spyrobot is aimed at producing a compact, low cost, user friendly, modular, tossable, remotely-operated Unmanned Ground Vehicle for use particularly in urban conditions.

The unit must be able to relay video information from areas in which the operator does not, or cannot, go personally and must be capable of handling all the typical obstacles that are to be expected in such an environment.

Sponsors: None (factory entry)

Selection of scenario: non-urban reconnaissance _X_
exhibition _X_