Team Information

Name of vehicle: A-BOT

Name of team leader: Marek Sadowski,
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Team Name: RoboticsInventions
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Team Information

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Team Description: The RoboticsInventions team consists of senior members of the Research & Development division of Robotics Inventions company and would like to present its portfolio during Civilian European Land-Robot Trial.

Robotics Inventions company’s mission is to design and manufacture semi- and fully-autonomous robots and its parts to allow human tele-presence in harsh and extraterrestrial environments as well as to undertake dangerous and/or repetitive tasks on human behalf. Robotics Inventions is a Research & Development company specializing in autonomous robotics and vision and sensor systems, offering consulting and subcontracting of the design and development phases of the projects; developing prototypes; creating short product series; full product design and offering products as OEMs.

Robotics Inventions is going to present its corner-stone terrestrial product for Industrial, Prevention and Public sectors: A-BOT robot. The A-BOT robot is designed to be a powerful semiautonomous scouting capillary propelled mobile vehicle extensible with an additional 30kg (60 pounds) payload suitable for urban and off-road applications, generally divided into the following types of scenarios:

- scouting scenario
- patrol scenario
- field support scenario
- intervention scenario
- mixed scenario

The Robotics Inventions A-BOT robot allows for flexible configuration of modules enabling perfect matching with requirements. The A-BOT robot platform can be configured from the following typical components:

- ultrasonic sensors
- infrared sensors
- vision autonomous sensors
- GPS sensor
- Radar sensor
- vision cameras
- extension port
- silent power source
- extended power source
Team Information

- autonomous module
- teleoperation module
- mobile teleoperator suite
- teleoperator station
- cargo bay

Sponsors: none

Selection of scenario: urban _X_ non-urban _X_ UAV&UGV _X_
exhibition _X_ autonomous _X_

Proof of citizenship: