

# Team Information

Picture of vehicle:



Name of vehicle:

A-BOT

Picture of team leader:



Name of team leader:

Marek Sadowski,  
Managing Partner,  
R&D Division,  
RoboticsInventions

Team Name:

RoboticsInventions

Team E-mail:

marek@roboticsinventions.com

Website:

www.RoboticsInventions.com

Location:

Warsaw, Poland

Institution/Company:

Robotics Inventions

Address:

Center for Space Exploration, Bartycka 18A

# Team Information

00-716 Warsaw, Poland

Telephone:

+48 601 606 980

Fax:

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  non-urban  UAV&UGV   
exhibition  autonomous

Proof of citizenship: