

# INSPECTOR

Within the class of heavy robots **INSPECTOR** stands out from competitors with its enormous towing power, lifting capacity of the manipulator, and ability to operation in difficult conditions and various terrains.



## Unique features of INSPECTOR robot

- The INSPECTOR can tow vehicles left in any gear of a mass of up to 1500 kg.
- Front caterpillars (remote control of tilt angle) increase traction abilities, longitudinal stability and enable smooth motion on stairs, as well as highly uneven terrain.
- The manipulator is able to lift 30 kg on extended arms and 60 kg on folded arms.
- The turn of the manipulator's base amounts as much as 400°.
- The manipulator is able to lift 30 kg on extended arms and 60 kg on folded arms.
- Control system of the robot enables to control all of its drives at the same time.
- A program for automatic folding of the manipulator down to a transport position speeds up and makes easier preparing the robot for transport.

## Technical data:

No	Parameter	Value
<b>Mobile platform</b>		
1	Dimensions (with folded arm)	1710/670/1140 mm (length/width/height)
2	Gross weight	550 kg
3	Time of robot's operation when powered by batteries	2 – 8 hours
4	Climbs stairs of maximum steepness	35°
5	Remote control	over the radio/by cable
6	Radio transmission (control data)	digital
7	Radio transmission (vision)	analogue
8	Range of radio transmission: - outdoor - indoor	800 m 80 m
9	Cable (control, vision, battery charge)	- cable length: 5 m and 100 m - cable roll up device - cable runner mounted on the robot