



## robot for pyrotechnic operations and reconnaissance

IBIS® is a robot for pyrotechnic operations and reconnaissance. Upon installation of additional devices, it can be used, among others, for disposal of dangerous objects, chemical detection and rescue operations. Six-wheeled chassis with independent drive of each wheel allows to operate in challenging and varied terrain (bedrock, wetlands, muddy terrain and debris).



IBIS® is a fast robot (10 km/h). Special design of mobile base suspension ensures optimum wheel contact with the ground. Precision drive system ensures fluidity of the movement of every part of the robot, at any speed. Manipulator with extendable arm ensures a large reach (over three meters) and a high range of motion in each plane. The manipulator lifts loads weighing up to 50 kg.



### TECHNICAL DATA:

Dimensions of the robot in stowed position (length x width x height):	135 x 88 x 125 cm
Approximate total weight of the robot (without accessories):	320 kg
Maximum speed of the robot (without accessories):	10 km/h
Maximum radio transmission range in open area:	1000 m
Maximum lift capacity	
- close-in at the front:	50 kg
- fully extended at the front:	30 kg
- close-in on the side:	50 kg
- fully extended on the side:	15 kg
Manipulator reach:	horizontally: 220 cm – from the ground vertically: 330 cm – from the rotation axis
Operating time from fully charged battery:	approx. 4 h, possibility of quick battery replacement