

PIAP GRYF®

EOD mobile robot

PIAP GRYF® is a robot used for reconnaissance of terrain and hard to reach places. The manipulator with 5 degrees of freedom allows to lift loads weighing up to 15 kg. Robot's wheels can easily be removed, which reduces the dimensions of the robot and thus facilitates missions in tight spaces.

Owing to the applied drives, the robot smoothly overcomes uneven terrain and obstacles up to an angle of 45°. The robot is characterised by excellent manoeuvrability. Low weight makes it easy to transport and carry the robot, and its modular design allows for quick and easy change of additional equipment.



TECHNICAL DATA:

Dimensions of the mobile base with extended front flippers and manipulator and main camera mounted (length x width x height):	95 x 60 x 55 cm
Approximate total weight of the robot with manipulator, camera head and battery	47 kg
Maximum speed of the robot (without accessories):	up to 6,5 km/h
Maximum radio transmission range in open area:	over ≥500 m
Maximum lift capacity close-in at the front / fully extended at the front:	15 kg / 5 kg
Manipulator reach:	vertically:
	235 cm - from the ground
	250 cm - leaning on the flippers
	horizontally:
150 cm - from the edge of the tracks	
200 cm - from the rotation axis	
Operating time from fully charged battery:	2 h, possibility of quick battery replacement