

PIAP PATROL®

Robot for C-IED and CBRN tasks

PIAP PATROL® is a medium tracked robot used for detection and neutralization, which can support operators in the most dangerous tasks. The robot design ensures the use of several accessories at the same time. Lightweight robot control panel is integrated with mobile x-ray systems and CBRN sensors. Robot's dimensions and applied drive system allow to carry out activities both inside buildings and in difficult terrain and compact and modular design allows it to be transported even in a passenger car.

Manipulator with 6 degrees of freedom and gripping function enables to lift and disposal loads up to 22 kg with maximum reach of 2 m.



TECHNICAL DATA:

Dimensions (length x width x height) in stowed position:	98 x 57 x 65 cm
Weight (without accessories) of the robot with manipulator and battery:	95 kg
Maximum Speed	8 km/h
Operating time (mission-dependent, possibility of quick battery replacement):	5 h
Maximum radio transmission range in open area:	800 m
Maximum lift capacity close-in at the front: fully extended at the front:	22 kg 7 kg
Maximum reach horizontal-from the vertical rotation axis:	1940 mm
Maximum reach Vertical-from the lower edge of the tracks:	2170 mm