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Five Large-Size Łukasiewicz-PIAP Robots Delivered To Polish Police Bomb Disposal Technicians



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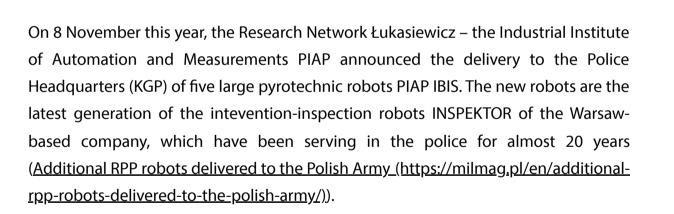
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The Research Network Łukasiewicz – Industrial Institute of Automation and Measurements PIAP provided the Main Police Headquarters with five large pyrotechnic robots PIAP IBIS.





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(https://warsawsecurityforum.org/)

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(https://milmag.pl/2021/wp-content/uploads/2021/11/roboty-PIAP-IBIS-dla-KGP-<u>1.jpg)</u>The Research Network Łukasiewicz – Industrial Institute of Automation and Measurements PIAP provided the Main Police Headquarters with five large pyrotechnic robots PIAP IBIS / photos: PIAP

Handing over the robots took place on 28 October. The contract in this matter was concluded on 18 May this year, and was of value value of PLN 6,705,861.60 gross. It included the supply of three robots with an option for two more (the value of the basic order was PLN 4,023,516.96 gross, and of the optional order PLN 2,682,344.64 gross).

PLP IE: robots were delivered with equipment c	<u>fa</u>	<u>ooting-</u>
THE MULTARY MAGAZINE nic teams. It allows to use a pyrotechnic launcher, porta	bb	
(https://mmag.pi/en/)		

disposal technician can take advantage of accessories placed in a mobile robot toolpool such as: puncher for windows, cord cutting shears or knife for piercing tyres. In the case of radio interference, the operation will be facilitated ny ant automatic winder with a fiber optic line.

The PIAP IBIS a robot designed for pyrotechnic.bomb disposal operations as well as conducting reconnaissance. These are quick robots moving at a speed of up to 10 km/h. They move easily in a varied terrain thanks to a six-wheel mobile platform with an independent drive for each wheel. The robot weighs over 300 kg. The manipulator with a sliding arm guarantees a large range (over 3 metres) and a sufficient range of movement in every plane. Using a manipulator, an operator can pick up and shift loads of over 50 kg.

After installing additional devices, the PIAP IBIS can be used to neutralize dangerous loads, and to peform chemical reconnaissance and rescue operations. The external dimensions of robot (even though this is the largest robot in the company's offer) enable its quick transport using a special vehicle called a pyrotechnic ambulance. The PIAP IBIS robots joined the nine medium-sized robots PIAP GRYF, weighing 38 kg and one PIAP IBIS, delivered to the police by Łukasiewicz – PIAP in 2019 (<u>10 robots for Polish Police (https://milmag.pl/en/10-robots-for-polish-police/</u>)).