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



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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.

REKLAMA



[\(https://warsawsecurityforum.org/\)](https://warsawsecurityforum.org/)

← On 8 November this year, the Research Network Łukasiewicz – the Industrial Institute of Automation and Measurements PIAP announced the delivery to the Police Headquarters (KGP) of five large pyrotechnic robots PIAP IBIS. The new robots are the latest generation of the intervention-inspection robots INSPEKTOR of the Warsaw-based company, which have been serving in the police for almost 20 years ([Additional RPP robots delivered to the Polish Army \(https://milmag.pl/en/additional-rpp-robots-delivered-to-the-polish-army/\)](https://milmag.pl/en/additional-rpp-robots-delivered-to-the-polish-army/)).

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(<https://milmag.pl/2021/wp-content/uploads/2021/11/roboty-PIAP-IBIS-dla-KGP-1.jpg>) *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).



K318i

(<https://www.kahles.at/en/sport/riflescopes/k318i-3-5-18x50i>)

disposal technician can take advantage of accessories placed in a mobile robot tool-pool such as: puncher for windows, cord cutting shears or knife for piercing tyres. In the case of radio interference, the operation will be facilitated by an 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 perform 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 ([10 robots for Polish Police \(https://milmag.pl/en/10-robots-for-polish-police/\)](https://milmag.pl/en/10-robots-for-polish-police/)).