



MECHANICAL

aunav.NEO HD

Applications

Handheld
Hazard detonating Hazard detection

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The robot aunav.NEO HD (aprox. 160Kg) is the only EOD / IED / CBRN robot with a variable geometry system. It can automatically, and in just a few seconds, increase or decrease the width of the robot.

Working characteristics

aunav.NEO HD has a variable geometry system and self-stabilization system which allows the robots to adapt to any operating scenario, whether it is in narrow corridors of aeroplanes, buses or subways, underground tunnels, wading through debris or in open spaces. The self-stabilization system always keeps the robots platform in a horizontal position on stairs, ramps, slopes, or uneven debris-filled terrain. They allows self-detection and real-time configuration of any accessory, without the need for operator intervention. Its main arm, flippers and batteries can easily be uncoupled from the robot without using special tools, making it easy to transport in any vehicle. Allows the operator to manipulate and move objects of up to 80Kg easily and skilfully.

Power supply data

Operating time	0.00 hours
----------------	------------

Dimensional data

Length	0.00 mm
Weight	0.00 kg
Transport case weight	0.00 kg
Overall length	880 mm
Length with attachment	0.00 mm
Overall Width	605 mm
Overall Hight	840 mm
Fits in container	2

Factory support data

Factory support	<p> </p>
Warranty	1 Year
Humidity (limitations)	MIL-STD 810G
Water resistant	1
Temperature limitations	MIL-STD 810G

Price

Base price	0.00 €
Reduction for higher quantity	<p> </p>
Possible to rent	1

Technical data

Maximum speed	0.00 km/h
Max trop duration (no wind)	0.00 minutes
Max hovering duration (no wind)	0.00 minutes
Max flight distance (no wind)	0.00 m
Max wind speed resistance	0.00 km/h
Operating frequency	0.00 GHz

Operational data

Tracks	1
Hill climbing ability (max gradient degrees)	45.00 °
Rotation speed from	0.00 rpm
Rotation speed to	0.00 rpm
Clearance depth in varying terrain from	40.00 cm
Clearance depth in varying terrain to	40.00 cm
Working speed for light soil with medium vegetation	0.00 m2/h
Working speed for medium soil with medium vegetation	0.00 m2/h
Working speed for heavy soil with dense vegetation	0.00 m2/h
Greatest remote controlled distance	1000.00 m
Mechanical tools / attachments	<p>* 7° DoF electric arm</p> <p>* Automatic tools like single disruptor or relay radio</p>

Engine specifications

Engine type / description	electrical
Engine max power	0.00 hp
Fuel capacity	0.00 l
Fuel consumption	0.00 l/h
Oil capacity	0.00 l
Connectivity	COFDM, Fiber Optic and Ethernet

Vehicle electrical system

Battery voltage	0.00 Volt
Battery capacity	0.00 Ah

Other information

Images





