

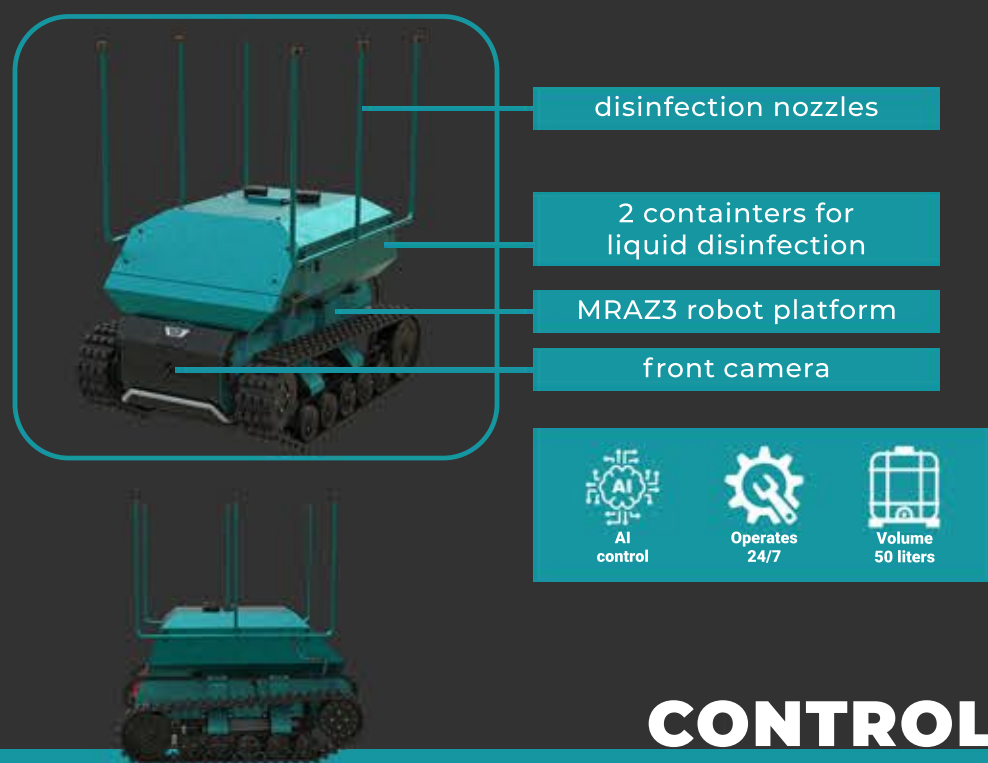
# MRAZ3

## FOG DISINFECTION

### DATA SHEET



A fully autonomous mobile robot with fog disinfection effectively disinfects outdoor areas, benches, tables in parks, terraces, playgrounds, climbing frames and other urban furniture. It contains two separate containers for liquid disinfection in total volume 50 liters.



## CONTROL

The UGV MRAZ3 is controlled manually with 16 channel manual controller or autonomous control in marked area-based or point to point-based projects. All autonomous operations can be watched online and controlled by an operator from remote controller or a monitoring center. The autonomous UGV recognizes object based on the neural network library of predefined object. The objects can be customized according the requests of the client.

# MRAZ3

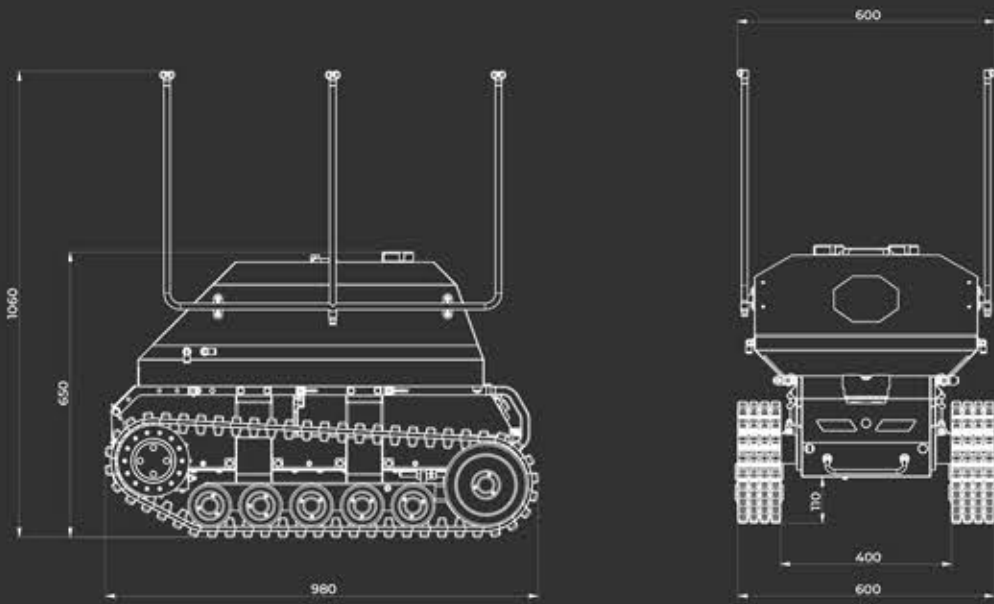
## FOG DISINFECTION

### DATA SHEET



The robot decontaminates or disinfects the interior and exterior. 6 nozzles provide spraying at an angle of 360 degrees to a distance of 2 meters from the central axis of the robot.

## DIMENSIONS OF MRAZ3 DIS



## USE CASES

- deployable in all environments
- decontaminates or disinfects in narrow places, tunnels
- decontaminates or disinfects indoor and outdoor areas
- intervention in contaminated or toxic environment

# MRAZ3

## FOG DISINFECTION

### DATA SHEET



## PARAMETERS

Material	<b>stainless steel</b>
Material of crawler	<b>rubber</b>
Maximum speed	<b>10 km/h</b>
Battery capacity	<b>77Ah at 48V</b>
Battery life	<b>8 - 12 hours (depends on climatic and terrain conditions)</b>
Payload	<b>400 kg</b>
Pulling	<b>300 kg</b>
Replacing battery	<b>10 sec</b>
IP	<b>67</b>
Climbing	<b>up to 40 degrees</b>
Stairs climbing	<b>Yes</b>
Over-obstacle capacity	<b>Max 250 mm (height)</b>
Weight	<b>120 kg</b>
Control	<b>Manual or autonomous (optional)</b>
Manual remote-control distance	<b>Max 2 km (without obstacles)</b>
Number of cameras	<b>2 x 1080p 2Mpx - front and rear</b>
Thermal camera	<b>Integrated (integrated on mechanical pole - optional)</b>
GPS	<b>Yes - F9P and RTK</b>
GPS precision	<b>1-100 mm</b>
Separate front and rear spray	<b>Yes</b>
Separate side spray	<b>Yes</b>
Side tilt	<b>Max. 20°</b>
Increased durability	<b>Yes</b>
Controller	<b>16 channel with 6" color display</b>



+421 911 505 711  
[sales@mrazrobotics.com](mailto:sales@mrazrobotics.com)  
[www.mrazrobotics.com](http://www.mrazrobotics.com)  
 Priemyselna 4, 921 01 Piestany

