

TERRA ROBOTICS

New spin-off company originating from TERRA HEXEN – a recognised leader in the field of unmanned technology and anti-drone systems, with many years of experience on the market. The new ground robotics division will be developed and manufactured in Poland, combining innovation with domestic engineering and technological resources.



TERRA ROBOTICS
UNMANNED GROUND VEHICLES

WE ARE MILITARY ROBOT MANUFACTURE **WE ARE MILITARY ROBOT SUPPLIER**

WWW.TERRAROBOTICS.TECH





We will present the applications of ground drones in a very broad context:

- reconnaissance,
- observation,
- border control,
- evacuation,
- rescue,
- transportation,
- firefighting,
- intelligence,
- night surveillance,
- telecommunication,
- agricultural,
- kamikaze etc.

ADVANTAGES OF TRACKED DRONES

1. Tracks have a large contact area with the ground, which reduces the unit pressure – thanks to this, the vehicle can move on:
2. Wheeled vehicles are more likely to get stuck in muddy ground and have less ability to overcome obstacles.
3. Tracks provide a more stable platform – they distribute weight evenly and lower the centre of gravity.
4. This allows the vehicle to carry heavier equipment (e.g. manipulator, radar, weapons) without the risk of tipping over.
5. Tracks can climb obstacles up to $\frac{2}{3}$ of their diameter (e.g. kerbs, boulders, fallen trees).

ADVANTAGES OF TRACKED DRONES

6. They also cope well with ditches and trenches thanks to their constant contact with the ground.
7. Wheeled vehicles often have to find detours or use complex suspension systems.
8. Tracks, especially rubber ones, generate less noise and vibration than wheels when driving on stones or concrete.
9. Thanks to their wide contact with the ground, tracked vehicles can carry heavier loads while maintaining mobility.
10. They are suitable for mounting manipulators, weapons or specialised modules (e.g. chemical detectors, radars).

WE DESIGN AND MANUFACTURE



Military robotics
platforms



Unmanned
ground vehicles
for defense



Tracked robots
for military use



Autonomous
military robots



All-terrain
robotic platforms
for defense



Customizable
military robots



Defense robotics
solutions



Remote-
controlled
military vehicles



Advanced
military robotic
systems



Modular UGV for
military
applications

TERRA 50



TECHNICAL SPECIFICATIONS

PAYLOAD CAPACITY	Up to 50 kg
TRACTION FORCE	Up to 250 kg
DIMENSIONS (L X W X H)	1050 x 640 x 900 mm
WEIGHT	43 kg
SPEED	5 km/h



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2 km/h

TERRA 300





TECHNICAL SPECIFICATIONS

PAYLOAD CAPACITY

Up to 300 kg

TRACTION FORCE

Up to 3 tons

DIMENSIONS (L X W X H)

1020 x 1050 x 520

WEIGHT

150 kg

SPEED

5 km/h

TERRA FIRE

Robots from TERRA ROROTICS a company belonging to the terra Hexen Group saves lives and prevents injuries for the firefighters. Created to operate in the most extreme conditions.

- extremely high temperatures
- risk of collapse
- contaminated area
- unsafe area

Offering flexible firefighting solutions, this robot utilizes water, emulsion, and foam, dynamically adjusting its flow from 1200 to 4800 liters per minute.

foam, dynamically adjusting its flow from 1200 to 4800 l/min. This adaptive system conserves water while effectively combating fires ranging from small residential incidents to large-scale industrial blazes.



SIZE mm (L x w x h) 1300 x 1045 x 1400.

DISTANCE 400 m

FLOW RATIO max 4800 L/min

WEIGHT 225kg




TERRA ROBOTICS
UNMANNED GROUND VEHICLES

DRONE - DEFENSE - DOMINANCE



TERRA ROBOTICS

UNMANNED GROUND VEHICLES

