



Lithuanian

Defence and Space
Industry Association

LT-DSIA | LGKPA



TIGBIS has been working in the field of electronics for more than a quarter of a century. The unmanned aerial vehicles offered by the company have been manufactured in the light of the experience of the Ukrainian conflict. Composite UAV fuselages are cast in Vilnius. The UVA catapult has been designed to meet the specifics of our aircraft. The selling price of the drone-kamikaze is close to the price of a 155 mm artillery shell. The most expensive part of the reconnaissance UAV is the gimbal, which can be changed according to the customer's needs. A camera or Lidar mapping equipment may be optional.

Sky Watcher X8

- **Physiolounge type**
- **Purpose**
- **UAV type**
- **Engine type**
- **Additional weight**
- **Maximum flying time**
- **Working flight distance**
- **Maximum flight distance**
- **Working height**
- **Cruise speed**
- **Maximum speed**
- **Radio interference protection measures**
- **UAV launcher**

Composite
Air Intelligence
Fixed Wing
Electric
1,5-2 kg
50 min
60 km (30 km one way - 30 km return)
Up to 100 km
200-300 m
130-150 km/h
200 km/h
Available at
Catapult



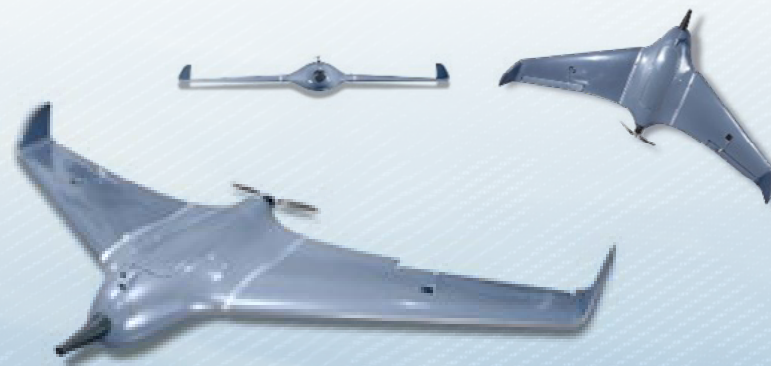
• Video capture

Gimbal (can be changed to suit the customer)



• Type of terrestrial antennas

For amplifying video and control signals



Sky Hunter X8

- **Physiolounge type**
- **Purpose**
- **UAV type**
- **Engine type**
- **Additional weight**
- **Maximum flying time**
- **Working flight distance**
- **Working height**
- **Cruise speed**
- **Maximum speed**
- **Radio interference protection measures**
- **UAV launcher**
- **Video capture**

Composite
Kamikaze drone
Fixed Wing
Electric
3 kg
Up to 50 min
30-50 km
200-300 m
120-140 km/h
200 km/h
Analogue/digital
(depending on customer need)
Catapult
UAV camera

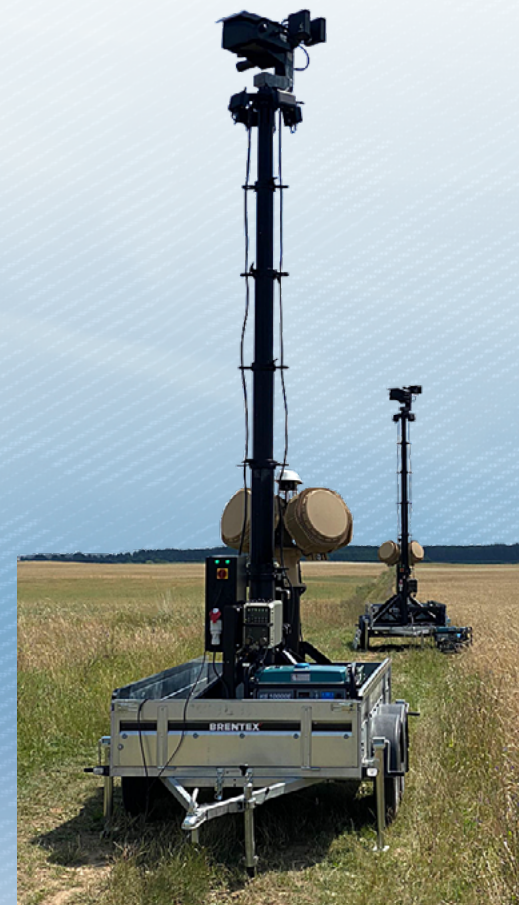


• Type of terrestrial antennas

For amplifying video and control signals



- | | |
|--|---|
| • Type | Wing type |
| • Engine type | Electric powered |
| • Mass, how much weight it can carry | Additional stretcher - 3 kg |
| • Maximum flight time | 50 min |
| • Operating flight distance | 60 km (30 km one way - 30 km back) |
| • Maximum flight distance | up to 100 km |
| • Are there any radio interference protections installed? (YES/NO)? | YES |
| • What additional equipment for video recording is/can be installed? | Can be armed with modern video and communications protection electronics |
| • At what frequencies is the control and telemetry transmitted, at what video signal? | Supplied with a communication and video retransmission system (UAB "Tigbis" antennas) or without it |
| • Other manufacturer information | Also, there is an option to make it as a kamikaze. Then its cost is equal to the cost of an artillery shell |



- | | |
|--------------------------------------|---|
| • Radar | • Jammer |
| • LRF | • Omni jammer |
| • Long range HD Day camera | • C2 (Detection, recognition, tracking) |
| • Thermal camera with continues zoom | |



Perkūnas

is a disposable missile with a 200 g plastite charge, reaching a height of 200 m and a speed of 20 m/s. The system has been successfully tested on the Ukrainian front (85% efficiency) and is applicable to Lithuania, Ukraine and NATO countries. The planned production capacity is 1,000 weapons and 5,000 missiles per month. It is planned to use the Perkūnas missiles for zone defense.

550 g missile, 250 mm long, with three jet engines and an aerodynamic body for efficient flight.



Gabija

is a lightweight, reusable hybrid missile launcher made of polycarbonate, designed to neutralize small and medium-sized unmanned aerial vehicles

1300 mm long device, weighing 1800 g, with a 700 mm polycarbonate tube, an adjustable butt, an LED display and control buttons ("Fire" and "Explosion").



Production of intelligent artificial intelligence (AI) air, water, ground drones.

• Type	10" Quadcopter MOSQUITO
• Engine type	Electric
• Dimensions	324x264x63 mm
• Weight	880 g. (without Battery)
• Max. speed	140 km/h
• Flight time	20 min
• Max. weight carried	2.5 kg
• Li-Ion battery	6S2P 8000mAh
• Working distance	up to 15 km
• Control	760-910 MHz ELRS
• Video transmitter	3 W 5,8 GHz
• Automatic tracking of a target selected and locked by the operator:	>100 m
• Other manufacturer information	



1 BULK FUEL DELIVERY
Fuel tanker refills the towable tank.

2 ON-SITE REFUELLING
Towable tank delivers fuel to the UAV using AVIA KIT.

COMPATIBLE FUELS
JP-8 / NATO F-34
MILITARY FUEL

FUEL TANKER → TOWABLE TANK → PICKUP

FUEL TANKER → CONNECTION TO TOWABLE TANK → TOWABLE TANK → TOWABLE TANK TO PICKUP → AVIA KIT → CONNECTION TO UAV → UAV REFUELLED

MOBILE & FLEXIBLE
Operate from any suitable location

COMPATIBLE
JP-8 / NATO F-34
MILITARY FUEL

QUICK DEPLOYMENT
Fast setup and refuelling

RELIABLE SOLUTION
Designed for field operations

pronal

As part of the continuous development of the GEOCINCH Mobile Tactical Fuel Logistics program, we are pleased to introduce a new capability for the transportation and forward distribution of fuel and water using standard mobile vehicles.

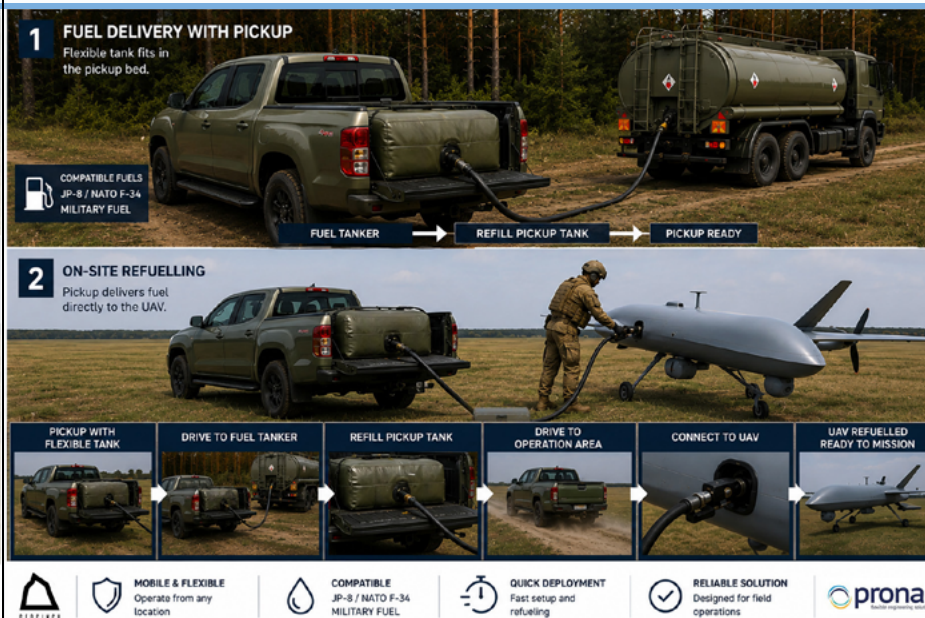
The solution is based on flexible transport tanks installed in the cargo bed of a standard pick-up or other tactical vehicles, providing a highly mobile and rapidly deployable logistics capability without the need for dedicated fuel trucks at the point of operation.

The system is designed for the transportation and field distribution of:
NATO military fuels (JP-8 / F-34, Diesel F-54 and other compatible fuels)

Aviation fuels

Gasoline

Water for operational and emergency support



1 FUEL DELIVERY WITH PICKUP
Flexible tank fits in the pickup bed.

2 ON-SITE REFUELLING
Pickup delivers fuel directly to the UAV.

COMPATIBLE FUELS
JP-8 / NATO F-34
MILITARY FUEL

FUEL TANKER → REFILL PICKUP TANK → PICKUP READY

PICKUP WITH FLEXIBLE TANK → DRIVE TO FUEL TANKER → REFILL PICKUP TANK → DRIVE TO OPERATION AREA → CONNECT TO UAV → UAV REFUELLED READY TO MISSION

MOBILE & FLEXIBLE
Operate from any location

COMPATIBLE
JP-8 / NATO F-34
MILITARY FUEL

QUICK DEPLOYMENT
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KEY OPERATIONAL BENEFITS:

Rapid deployment and field operation

High mobility using standard pick-up vehicles

Reduced exposure of bulk fuel tankers by separating bulk storage from forward distribution

Flexible support for dispersed operations

Suitable for military, civil protection, emergency response and critical infrastructure applications

The system complements our existing Mobile Tactical Fuel Logistics portfolio and provides an additional option for organisations requiring flexible and resilient field fuel distribution.

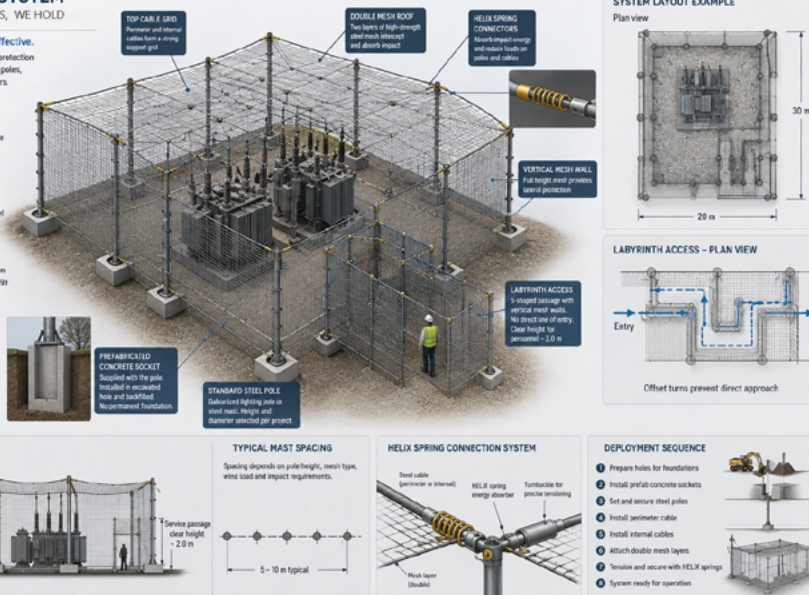
WERA MESH SYSTEM

WHEN FORCE STRIKES, WE HOLD

Simple. Modular. Rapid Effective.
A flexible anti-drone and debris protection system based on standard steel poles, cable grid and double mesh layers.

KEY BENEFITS

- No permanent barrier base - no heavy perimeter structure
- Rapid deployment - ready in days, not weeks
- Modular and scalable - pole spacing adapts to site
- Labyrinth access for personnel - no direct line of entry
- Dual mesh roof and walls - high impact resistance
- Helix spring connection system - absorbs and dissipates energy
- Standard components - easy to source and replace
- Relocatable - reusable at another site



Rapid Deployable Infrastructure Protection System WERA MESH

A modular multi-layer physical protection system designed to protect critical infrastructure from drone attacks and fragmentation.

The protection concept for critical infrastructure against drone attacks is based on a two-layer anti-drone mesh system with different energy absorption characteristics.

The first layer uses SPIDER mesh, a very high-strength steel mesh with extremely low deformation properties.

This mesh is significantly stronger than conventional chain mesh and is designed to physically stop incoming drones or cut them into fragments, redirecting the warhead away from the protected asset or triggering detonation at a safe distance.

The second layer consists of a diamond-shaped steel mesh with lower density, positioned behind the primary interception layer.

This secondary layer is designed to mitigate fragmentation and absorb the impact of debris and blast fragments in case of drone detonation on the first layer.

Together, the two mesh layers create a controlled interception and fragmentation zone, preventing drones and their explosive effects from reaching critical infrastructure components.

The protective structure can be applied to objects of various purposes, sizes and shapes. Since each object has individual requirements, all orders are treated as individual projects.



LV-Teh produces unmanned ground vehicles that's qualified to NATO standards (UGV or robotized ground platforms), robotic demining platforms (already used in Ukraine), various types of support systems and equipment for the Police, Firefighters and Rescuers. Company already signed agreement with Latvian National Armed Forces and delivers UGV for integration. The company's goal is to improve the efficiency of military equipment by ensuring the effective integration of our innovative technology in the defense and civilian sectors, which would provide additional benefits on the battlefield and in rescue or other missions.

Contacts



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