



**STRENGTH THROUGH
INNOVATION**

ABOUT US

Trypillian — a British-Ukrainian defense technology company developing intelligent and autonomous combat systems for the modern battlefield.

The company was founded **by a team of veterans, military experts, and international investors.**

Trypillian combines Ukrainian engineering ingenuity with Western management and development standards, creating next-generation defense solutions tailored to real-world combat conditions.



OUR MISSION

To enhance the defense capabilities of our allies by delivering effective, accessible, and adaptive technologies that protect and preserve the lives of military personnel.

WHAT WE OFFER

INNOVATIVE AUTONOMOUS COMBAT SYSTEMS that reduce risks to personnel and enhance operational effectiveness.

TACTICAL UAVS AND PAYLOAD DELIVERY nodes designed to support units in hybrid warfare.

SOLUTIONS FOR DEEP-STRIKE and Information Superiority

CONTINUOUS SOFTWARE AND TACTICAL UPDATES DRIVEN by analytics and frontline experience.



OUR SOLUTIONS

CHORNA DEEP-STRIKE GLIDER

A fully autonomous long-range platform for high-precision delivery, designed to operate in environments with intense countermeasures, GNSS degradation, or complete GNSS denial. The platform bridges the gap between tactical UAVs and strategic strike systems, enabling the cost-effective execution of deep operations without the need for continuous operator control.



I.R.I.S. PLATFORM

A next-generation cognitive operations system designed for planning, executing, and assessing information campaigns in highly contested, high-noise environments. The platform treats the information space as a maneuverable operational domain—observable, measurable, and controllable with the same methodological rigor as kinetic operations.

TACTICAL UNMANNED AERIAL SYSTEMS

TRYPILLIAN VORON-10 FPV UAV

Tactical strike platforms designed to engage targets along the frontline and in the near operational depth. Optimized for mass deployment, rapid operator training, and field-level maintenance and repair.

TRYPILLIAN BOMBER STRIKE UAV

An unmanned system with enhanced payload capacity for precision strikes against fortified and mobile targets. Equipped with a unified ground control station

TRYPILLIAN ATOM MEDIUM- RANGE FIXED-WING UAV

Operational range - up to 70 km; payload capacity - up to 2.5 kg. Designed to conduct missions across the enemy's tactical and operational depth.

COMMUNICATIONS, CONTROL, AND ADAPTATION SYSTEMS

For each unmanned platform, communications equipment, ground control stations, and relay systems are selected and integrated. Rapid customization is available to meet the requirements of specific units, operational theaters, and mission scenarios.

KEY USE SCENARIOS

- Support for infantry and assault units
- Precision strike and deep-strike missions — engaging enemy personnel concentrations and light armored assets
- Asymmetric and hybrid warfare



TRYPILLIAN BOMBER

TECHNICAL SPECIFICATIONS

Operational Range (6S3P Battery)	
Warhead: 1.5 kg	55-65 km
Warhead: 3 kg	45-50 km
Warhead: 6 kg	20-25 km
Payload Weight	Up to 6 kg
Weight Without Warhead and Battery	7,5 kg
Control / Video	5,8 GHz
Cruising Speed	110 km/h
Maximum Horizontal Speed	150 km/h
Operating Temperature	-20 °C - 45 °C
Payload Release Mechanism	NAYAVU Saul Eater
Camera Position Switching	Horizontal / Vertical / 45°

Components	Model
Frame	Custom-built
Motors	Axisflying 4320 Brushless Motor 420KV 6-8S
Flight Controller	Matek FLIGHT CONTROLLER F405-HDTE
Electronic Speed Controller	R706, LLC "VTN"
Power Regulator	MATEK XCLASS PDB FCHUB-12S
Camera, Video & Control System	DJI O4 Pro
Propellers	2CW 2CCW HQProp 17X8X3 Propeller Black-Glass Fiber Reinforced Nylon 17 Inch
Battery	6S3P 12000

TRYPILLIAN VORON-10

Technical Specifications

UAV Type	Quadcopter
Class	Tactical / FPV / Strike
Maximum Operational Range	Up to 17-24 km
Flight Endurance	17 min
Cruising / Maximum Speed	60 / 100 km/h
Operating Altitude	50-500 m
Maximum Flight Altitude	Up to 1000 m
Takeoff / Payload Weight	Up to 2.5 kg
Warhead Type	Variable
Center of Gravity (CG)	Adaptive to payload
Motor Type	Electric
Battery Type	Li-Ion 6S3P/6S4P

Pre-Flight Preparation Time	5-10 min
Control	ELRS 150–2500 МГц
Operating frequency range	Installed antenna — 915 MHz–2.4 GHz Replacement antenna — 600–1000 MHz Replacement antenna — 1.7–2.7 GHz
Reliable / Maximum Communication Range	Up to 25 / 35 km with a relay
Primary Purpose	Engagement of armored and unarmored targets, enemy personnel, electronic warfare assets, and logistics infrastructure
Operating Temperature Range	-5°C to +55°C
Wind Speed, m/s:	Headwind: 10 m/s Tailwind: 10 m/s Wind Gusts: 12 m/s
System Deployment Time	10-15 min
Number of Operators	1-2

TRYPILLIAN ATOM

Technical Specification

Range	Up to 50 km (communication system under development)
Endurance	Up to 4 hours in search and surveillance mode; 40–60 minutes with warhead
Operating / Maximum Altitude	100 m / 2,000 m (2 km)
Payload Capacity	Up to 2,5 kg
Takeoff Weight / Takeoff Mass	6 kg
Cruising / Maximum Speed	80 km/h / 150 km/h
Wingspan	1,600 (1,800) mm
Launch Method	Catapult launch system



INTERNATIONAL STRUCTURE AND DEVELOPMENT APPROACH

Trypillian operates at the intersection of international expertise, engineering innovation, and real-world combat experience.



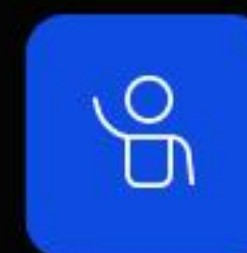
INTERNATIONAL STRUCTURE (UK + UKRAINE)

Strategic management and partnerships are based in the United Kingdom. Development, testing, and operational expertise are based in Ukraine.



R&D FOCUS AND RAPID SCALING

A short prototyping cycle, continuous engineering updates, and readiness for serial production.



DIRECT FRONTLINE FEEDBACK

Rapid adaptation of solutions driven by real-world combat deployment and evolving tactics.

WHY CHOOSE US



Blending Ukrainian innovation with Western expertise



Solutions aligned with the challenges of modern hybrid warfare



Continuous innovation and tactical updates



Full-cycle delivery — from concept to combat deployment



Focused on scalability, efficiency, and rapid deployment

WHAT YOU GAIN BY CHOOSING TRYPILLIAN

End-to-end combat
technology solutions

Ongoing support
and continuous software
and tactical updates

Seamless integration with existing
defense processes and structures

Products optimized
for real-world combat
scenarios

Collaboration with a team
of veterans and military
experts

OUR PARTNERS



**DEFENSE FORCES
UNITS**



**INVESTMENT AND STRATEGIC
SECURITY PARTNERS**



**TECHNOLOGY
AND MANUFACTURING
PARTNERS**

Partnerships are formed in accordance with strict confidentiality and security requirements.

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