



WARCRAFTED:

The Power Behind Ukrainian Defence Tech

PRODUCT CATALOGUE

2ND
EDITION

KI INSIGHTS

U Tech Force
in UA

DIGITAL VERSION



This catalog is a living resource and may be updated with new products over time.

The online edition features clickable links to company websites, email contacts, and will be refreshed as new information becomes available.

ANNOTATION

Unmanned systems have been a decisive factor in Ukraine's defence, enabling the country to repel what was once considered the world's second-most powerful army. Ukraine's Unmanned Systems Forces – the first of their kind globally – are not only reshaping the modern battlefield, but also spearheading a new, dynamic Ukrainian defence-tech industry. This catalogue provides an exclusive look at its core offerings: novel, affordable, and efficient robotic solutions with global relevance. It is an invitation for international defence platforms, investment funds, and private companies to partner with battlefield-proven Ukrainian innovators.

Produced by the Tech Force in UA (TFUA), the voice of Ukraine's defence tech industry, together with KI Insights, an international analytical centre based in Ukraine, this catalogue showcases verified flagship products developed by TFUA member companies. These include reconnaissance, strike and interceptor drones, electronic warfare systems, unmanned ground vehicles, components, and software. All data and specifications were provided directly by the manufacturers.

The systems featured here evolve on a near-weekly basis, driven by a unique innovation loop that rapidly turns battlefield feedback into new prototypes. This catalogue is a living document, updated regularly to reflect the latest advancements. For direct contact with manufacturers, please reach out to TFUA.

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ABBREVIATIONS

ELINT

The gathering of military or other intelligence through the monitoring of electronic signals other than voice communications, such as satellite transmissions, rocket telemetry, and radar.

EW

Electronic warfare is a military action that exploits the electromagnetic spectrum (EMS) – including radio, infrared, and radar – to sense, protect, and communicate while denying or degrading an adversary's ability to use the same spectrum.

FHSS

Frequency-Hopping Spread Spectrum – a wireless technology that transmits radio signals by rapidly switching a carrier signal across multiple frequency channels in a pseudo-random, pre-arranged sequence. It enhances security, reduces interference, and is commonly used in military applications, Bluetooth, and IoT devices.

FPV

Stands for First Person View, a method of controlling a remote-controlled vehicle (usually a drone) from the pilot's viewpoint via a live camera feed.

GPS

An accurate worldwide navigational and surveying facility based on the reception of signals from an array of orbiting satellites.

POE

Power over Ethernet technology passing electric power and data over twisted-pair Ethernet cabling, allowing a single-cable connection for devices like IP cameras, VOIP phones, and Wi-Fi access points.

UAS

Unmanned Aircraft System refers to an unmanned aircraft (drone) and all its associated components, including the ground control station, communication links, and personnel. It differs from a UAV by encompassing the entire system.

UAV

Unmanned Aerial Vehicle, commonly known as a drone, is an aircraft with no human pilot, crew, or passengers on board, controlled remotely or autonomously.

UCMA

Unmanned Combat Multifunctional Aircraft (alsoUCAV) is a versatile, armed autonomous or remotely piloted aircraft designed for intelligence gathering, surveillance, electronic warfare, and precision strikes.

UGV

Unmanned Ground Vehicle is a vehicle operating on land or seabed without an onboard human operator, controlled remotely or acting autonomously using sensors, cameras, and AI.

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A close-up, low-angle shot of a black FPV drone with a camera mounted on the front. The drone is resting on a red and black plaid fabric. The background is dark, and the lighting is dramatic, highlighting the drone's components and the texture of the fabric. The drone has a red 'X' logo and the word 'FLYMOD' on its side.

FIRST-PERSON VIEW DRONES

FPV drones are high-speed, maneuverable unmanned aerial systems primarily designed for precision strikes and tactical operations on the battlefield. Ukrainian manufacturers have developed a wide spectrum of FPV drones — from lightweight, low-cost kamikaze models to heavy-duty systems with payloads up to 11 kg and tactical ranges of 30+ km.





INTERCEPTOR "GRIM S DIGITAL"
A single-use strike UAV system

NEBO PEREMOGY

On the first day of the conflict, the Ukrainian military used the INTERCEPTOR "GRIM S DIGITAL" UAV system to strike Russian positions in the Donbas region.



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While serving as a resiliency relay for UAVs, ground robotics, tactical radios, and SIGINT equipment.



Blackbird
FPV
Drone
as
a
tool
in
the
field

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blackbird... kg.
Flight range is 30 km, speed is up to 120 km/h.
Suitable for destroying fortified targets or enemy equipment.



KI INSIGHTS

KI Insights equips decision-makers with the strategic insight they need to take action in a complex world, with a focus on Ukraine and expanding coverage to the wider region. Defence Analytics, an in-depth analytical program from KI Insights, moves beyond headlines to focus on how war is actually being fought – and how actors are adapting.

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Tech Force in UA is Ukraine's leading defence tech coalition, uniting over 100 top manufacturers. TFUA speaks on behalf of the industry to ensure that advanced technologies reach the front line quickly and contribute to Ukraine's defence daily.

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