



**TERMINAL AUTONOMY**  
Strategic warfare, democratized



Glory to Ukraine  
[terminalautonomy.com](http://terminalautonomy.com)



Our values are only as  
strong as our ability to  
defend them.

Kyiv 2022

10 km from our Ukraine head office



To defend our democracies  
the free world needs  
advanced autonomous  
systems in mass.



# Trusted globally

## Ukraine



Ukrainian  
Ground  
Forces



Federal Ministry  
of Defence



Special  
Operations  
Forces



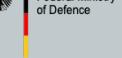
German  
MOD



Air Assault  
Forces

REDACTED

NATO  
member



## NATO



REDACTED

Ukrainian  
Intelligence



REDACTED

Western IC  
partner



REDACTED

NATO  
member IC

## Intelligence



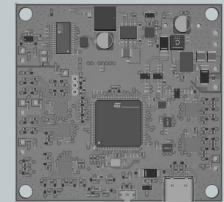
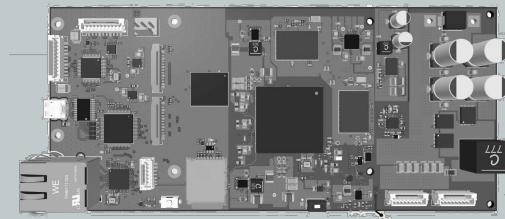
Ukraine Dec 2024  
Terminal's AQ 100  
with President Zelensky &  
Chancellor Scholz



# Vertically integrated supply chain

**By vertically integrating design and manufacturing,  
we reduce reliance on foreign suppliers and harden  
the defense supply chain.**

- Terminal manufactured electronics, avionics & subsystems
- Strategic partnerships with vetted allies
- Enhanced reliability and mission performance over COTS
- Reduced pricing at 100x lower than market



NATO Stock Number for Allied Procurement



# Arsenals of Democracy

**Mass Production for Allied Deterrence.  
Sovereign Supply. Distributed Scale.**

As defense industrial capacity struggles to meet modern battlefield demand, Terminal's Arsenal facility redefines what scale and sovereignty look like in weapons production.

## **Common Architecture, High Throughput:**

One line. Multiple product types. Minimal downtime.



### **USA**

**Location:** CA + NC USA

**Size:** X,000 sq. ft.



### **Ukraine**

**Location:** Kyiv, Ukraine

**Size:** 55,000 sq. ft.



### **Poland (Q3 2025)**

**Location:** Warsaw, Poland

**Size:** X,000 sq. ft.





# Legion software platform

Thousands of Drones.

One Mission. **Victory.**

**Autonomous Strike Coordination:**

Orchestrate drone swarms and indirect fire in real-time via intuitive interface

**Visual Targeting Engine:**

Enables autonomous target acquisition across ISR, strategic, & loitering platforms

**Automated Fire Correction:**

Reduces decision latency in indirect fire missions, accelerates time-on-target

**Sensor-to-Shooter Integration:**

A single ISR operator can designate targets to multiple strike assets simultaneously

**GNSS-Free Navigation:**

Integrated with SOVEREIGN visual positioning and strike autonomy

## System Module

## Terminal Ground Station

## Terminal ISR

## Terminal Strike

## Terminal Fires

## Terminal Mesh

## Function

Human-machine interface for real-time battle coordination

Live stream fusion from kinetic and ISR drones

Target designation, prioritization, and swarm execution

Artillery correction, and coordination

EW-resilient communications with AI fallback



# Traction



## Strategic effects contract

AQ 400 system contract with **AI visual navigation** purchased by Ukrainian intelligence.



## Smart loitering munition contract

**4,000 AQ 100 Bayonets** with NATO member contract for Ukraine.



## Precision munition contract

Strategic precision and loitering munitions deployment with Ukrainian MOD.



# AQ 100 BAYONET X BLOCK III

+2,000 units deployed monthly

Lightweight construction allows for high performance and affordable construction

Double canard design decreases wing span and facilitates stacked storage

Visual targeting enabled by AI to operate with conscript soldiers under jamming

Designed for precision, affordability, and simplicity.

Mass production without tools and assembly by unskilled labor

Custom-designed, high-aspect ratio wing optimizes lift at cruise speeds for energy efficiency and long range while keeping a low noise profile

Made in USA  
Designed in Ukraine



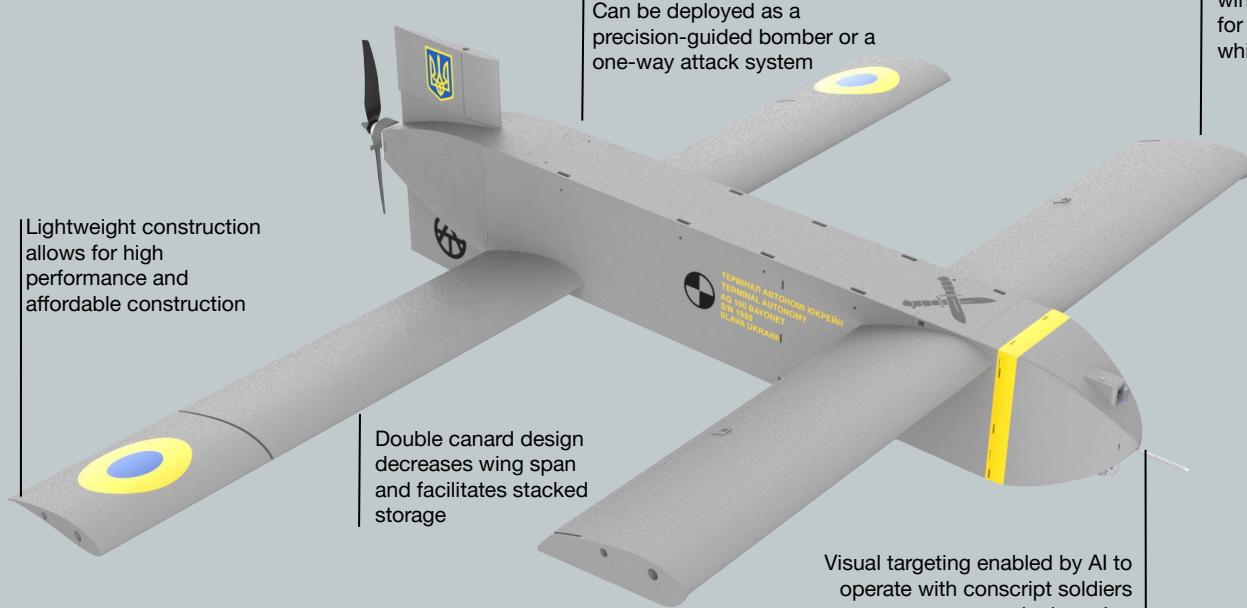
Feature	Metric	Imperial
Wingspan	1.7 m	5.6 ft
MTOW	16 kg	35 lbs
Payload	4 kg	8 lbs
Cruise speed	80 km/h	50 mph
Comms Range	60 km	37 mi
Indirect fire mode	200 km	124 mi
Endurance		1.5 hours



# AQ 180 CLEAVER

Lightweight construction allows for high performance and affordable construction

Designed for  
**precision,**  
**affordability,** and  
**simplicity.**



Custom-designed, high-aspect ratio wing optimizes lift at cruise speeds for energy efficiency and long range while keeping a low noise profile

Designed in Ukraine



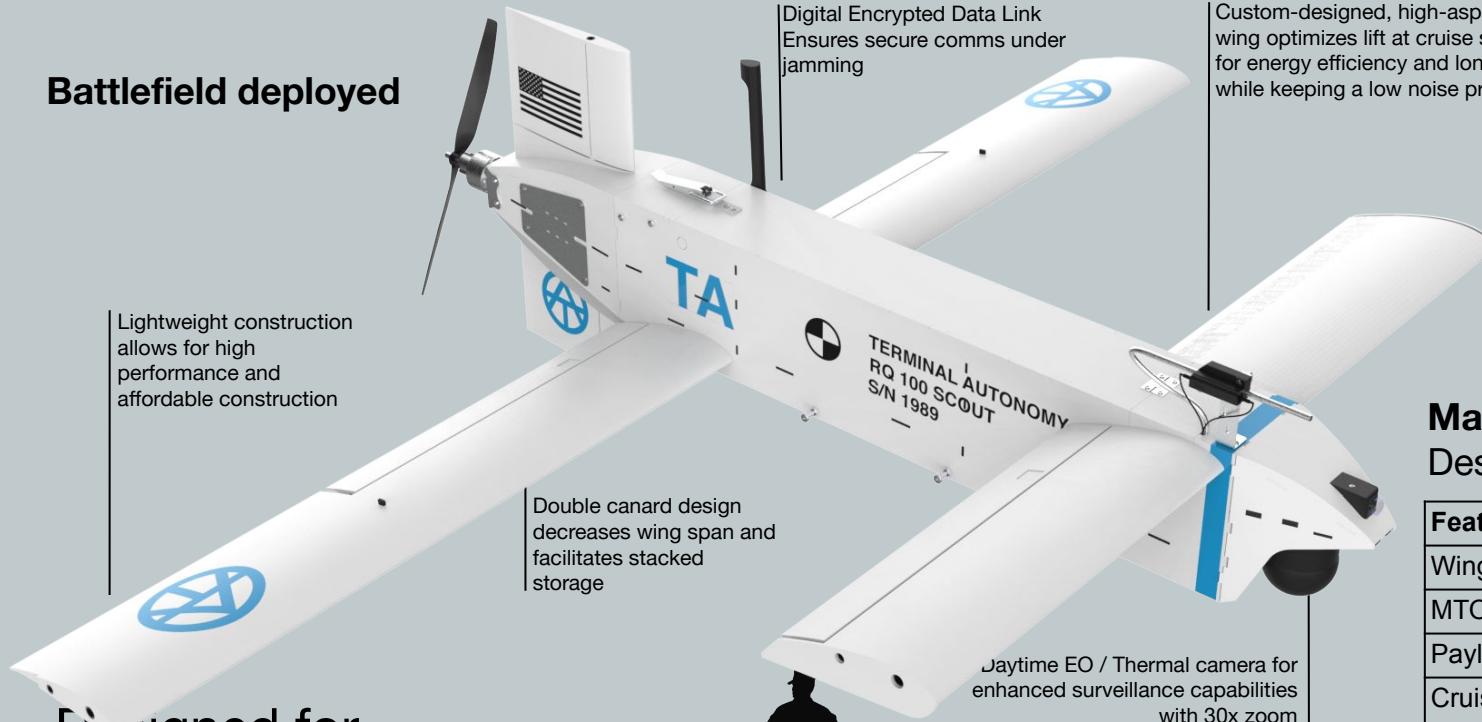
Feature	Metric	Imperial
Wingspan	2.3 m	5.6 ft
MTOW	30 kg	70 lbs
Payload	10 kg	16 lbs
Cruise speed	95 km/h	50 mph
Comms Range	60 km	25 mi
Indirect fire mode	200 km Electric 500 km ICE	124 mi Electric 310 mi ICE
Endurance		2.5 hours



# RQ 100 SCOUT



Battlefield deployed



Designed for  
**precision, affordability,  
and simplicity.**

Made in USA  
Designed in Ukraine



Feature	Metric	Imperial
Wingspan	1.7 m	5.6 feet
MTOW	16 kg	35 lbs
Payload	30x EO / thermal	
Cruise speed	80 km/h	50 mph
Comms Range	50 km	31 miles
Endurance		3 hours



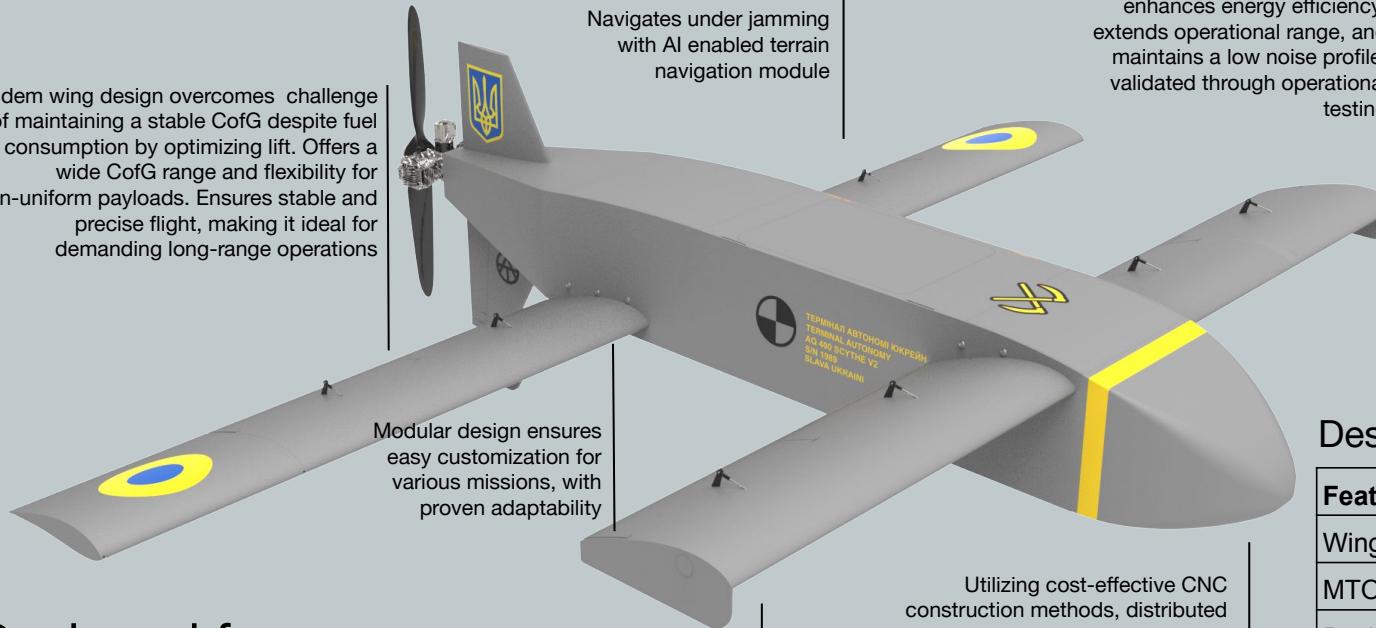
# AQ 400 SCYTHE Block II



Tandem wing design overcomes challenge of maintaining a stable CofG despite fuel consumption by optimizing lift. Offers a wide CofG range and flexibility for non-uniform payloads. Ensures stable and precise flight, making it ideal for demanding long-range operations

Navigates under jamming with AI enabled terrain navigation module

Custom high-aspect ratio wing enhances energy efficiency, extends operational range, and maintains a low noise profile, validated through operational testing



Modular design ensures easy customization for various missions, with proven adaptability

Utilizing cost-effective CNC construction methods, distributed mass production is made streamlined and affordable without the need for specialized labor or tools

Double canard design reduces wing span and enables efficient stacked storage for rocket booster take-off in limited space, proven practical in real-world scenarios

Designed in Ukraine

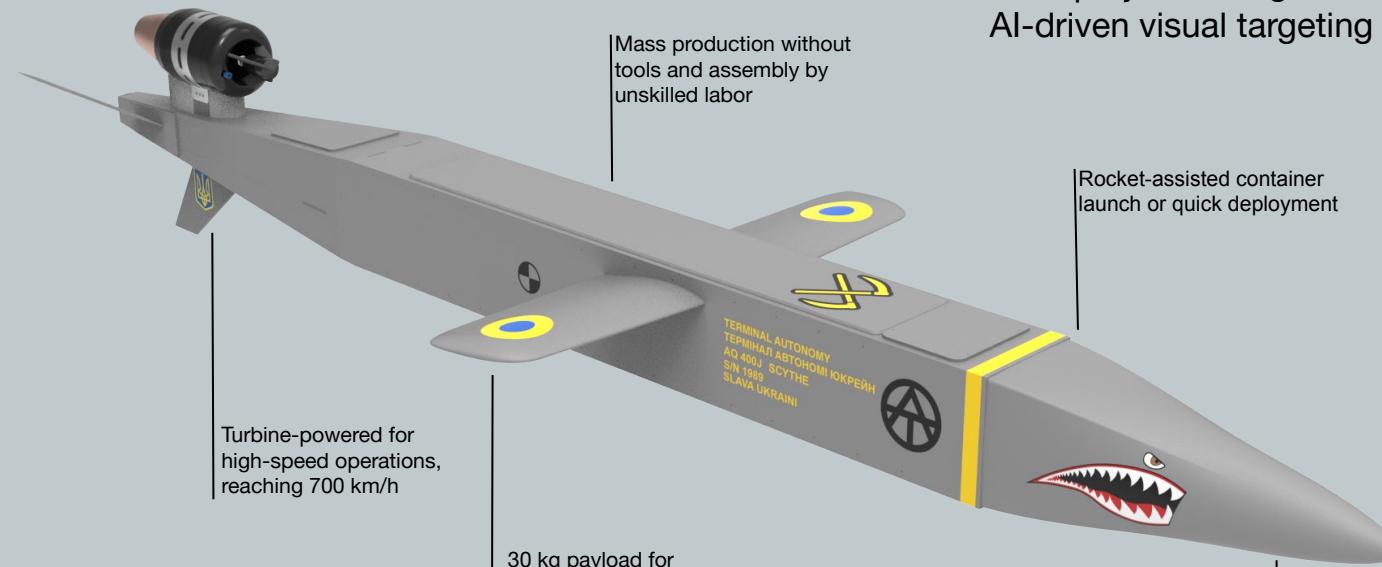


Feature	Metric	Imperial
Wingspan	3.2 m	10.5 ft
MTOW	100 kg	220 lbs
Payload (warhead)	43 kg	95 lbs
Cruise speed	144 km/h	90 mph
Range	750 km	466 mi
Endurance	7 hours	
Ceiling	4000 m	13,100 ft

Designed for  
**precision,**  
**affordability,** and  
**simplicity.**



# AQ 500J LIBERATOR



Designed for  
**precision,**  
**affordability,** and  
**simplicity.**

The AQ 500J Liberator is a cruise missile designed for high-speed, long-range precision strikes. It can be deployed from ground, air, or naval platforms, utilizing AI-driven visual targeting for autonomous engagement in jammed environments.

**TRL 6 Release Q2 2025**

Designed in Ukraine



Feature	Metric	Imperial
Wingspan	1 m	3.3 ft
MTOW	120 kg	265 lbs
Payload	30 kg	66 lbs
Cruise speed	700 km/h	345 mph
Max range	700 km	435 mi
Endurance		1 hours



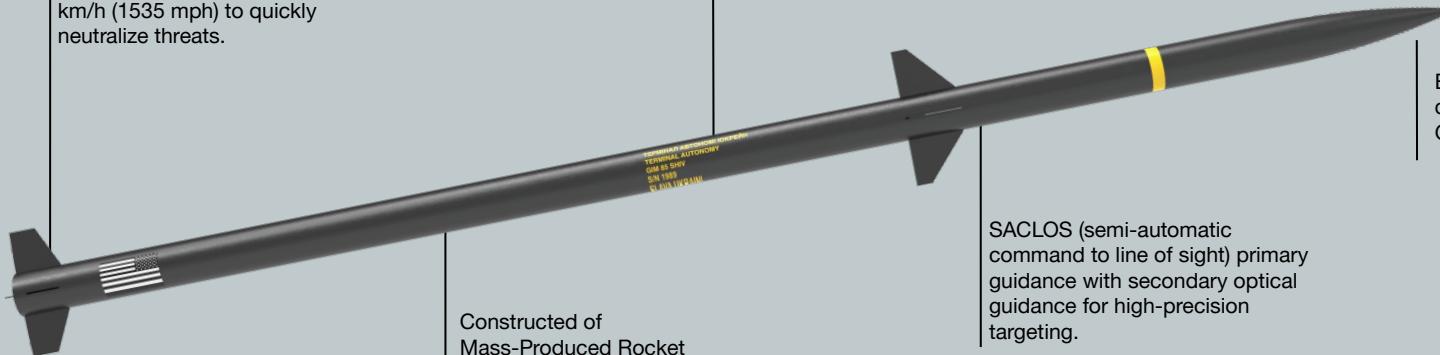
# GIM 85 Shiv



# Counter-UAS Missile

Achieves speeds of 2470 km/h (1535 mph) to quickly neutralize threats.

Mass production without tools and assembly by unskilled labor



Equipped with a 1.5 kg warhead that delivers effective kinetic defeat of Group +3 UAS threats.

SACLOS (semi-automatic command to line of sight) primary guidance with secondary optical guidance for high-precision targeting.

Designed for  
**precision,**  
**affordability,** and  
**simplicity.**



Designed in Ukraine



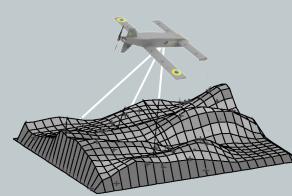
Feature	Metric	Imperial
Length	3 m	9.84 ft
Diameter	85 mm	3.35 in
Weight	22 kg	48.5 lbs
Range	10 km	6.2 mi
Speed	2470 km/h	1535 mph
Altitude	6 km	3.7 mi



# Autonomy removing soldiers from the battlefield



**LEGION**  
**Visual targeting**  
TRL 9



**SOVEREIGN**  
**Visual positioning**  
TRL 9



**Target detection**  
TRL 9



**Swarming**  
Q2 2025



**Terminal computer & FC**  
TRL 9

Visual targeting solution that allows tracking of moving enemy armor under jamming.

Visual positioning even in a jammed environment ensures precision strikes in jammed environments.

Our target detection algorithm to autonomously identify and classify enemy armor.

Our swarming solution enables drones to collaborate autonomously for coordinated strikes.

NDAA compliant terminal computer for visual targeting and navigation.



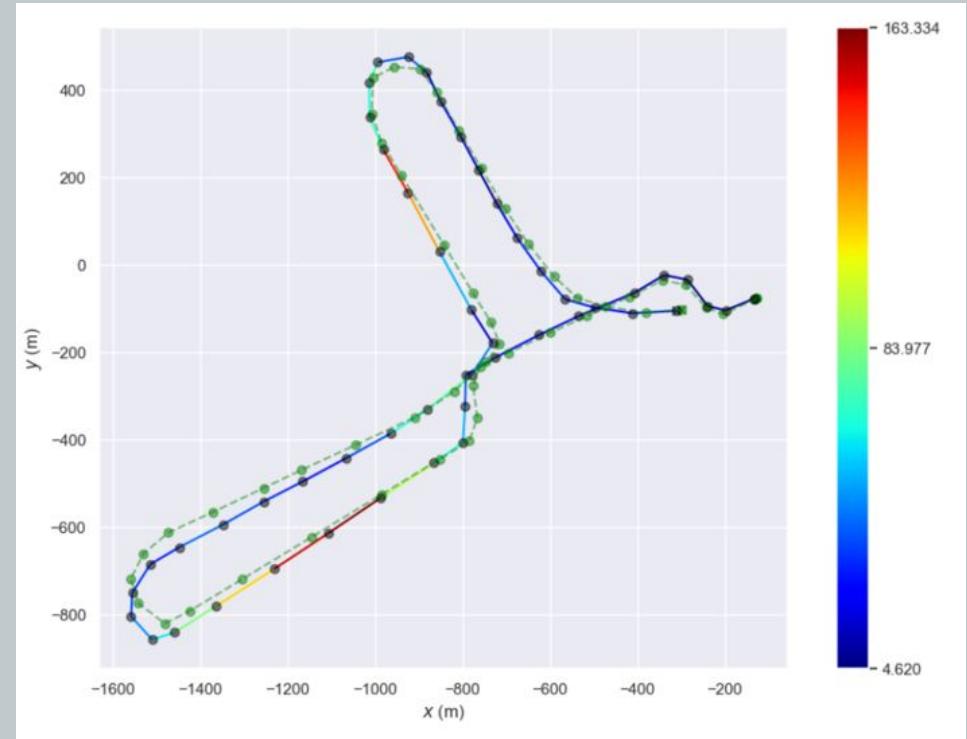
# Visual navigation

The visual navigation system enables drones to navigate under jamming conditions by using camera and satellite visuals, achieving accuracy of less than 5 meters through visual terrain matching and completing the last mile with visual targeting.

By comparing real-time images with satellite data, the system ensures precise navigation without relying on GPS.

## Up to 5m

Precision under jamming





# Visual targeting

The visual targeting system enables an operator to designate enemy targets from distances of up to 2 km.

Once a target is locked, either manually by the operator or autonomously, the precision munition maintains focus on the selected pixel for kinetic engagement.

Under jamming conditions, the system relies solely on pixel-based tracking, ensuring a basic level of guidance to the target.





# Comparison

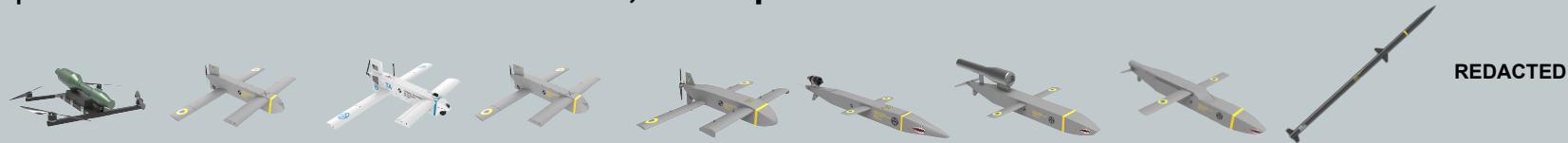


Feature	AQ 100 Bayonet	WB Warmate	Switchblade 600	Altius 600
Company	Terminal Autonomy	WB Electronics	AeroVironment	Anduril Industries
Origin	USA / Ukraine	Poland	USA	USA
Range (km)	200	30	40	440
Endurance (hours)	2	1	40	2
Payload (kg)	4	5	3	3
Speed (km/h)	90	150	110	110
Launch System	Catapult launch	Hand/portable launcher	Tube-launched	Tube-launched
Guidance	AI vis nav + targeting	GPS + manual operator control	GPS/INS + operator control	GPS/INS + operator control
Cost	\$10,000	\$40,000	\$200,000	\$200,000
Current production Rate	36,000	4,000	2,000	2,000
End users	Germany, Ukraine	Polish MOD	USA, UK, Poland etc	US DoD



# Portfolio

Terminal Autonomy's portfolio features systems from Group 1 loitering munitions, to strategic range precision strike weapons. **Terminal delivers cost-effective, smart precision munitions solutions on mass.**



Feature	AQV 120 Scalpel	AQ 100 Bayonet	RQ 100 Scout	AQ 180 Cleaver	AQ 400 Scythe	AQ 500J Liberator	GB 220 Vengeance	AGB 100 Hammer	GIM 85 Shiv	AQ 50 Dagger
Description	Medium anti-tank FPV	Short-range loitering munition	Recon UAV with EO/Thermal	Mid-range attack UAV	Long-range strike UAV	High-speed cruise missile	Tactical cruise missile	Precision glide bomb	Counter-UAS missile	Strategic precision munition
TRL Status	9	9	9	9	9	6	5	5	7	9
Production	Serial Production	Mass Production	Mass Production	Limited Production	Mass Production	In Development	Prototyping	Prototyping	Mass Production	Serial Production
Current Systems in Use	X,000	XX,000	X00	X00	X,000	XX (Testing)	XX (Testing)	XX (Testing)	XX (Testing)	XXX
Range (km)	10	60	50	60	750	700	220	220	10	3,000
Payload (kg)	2	4	30x EOIR	10	43	30	60	60	2	X

# TERMINAL AUTONOMY

## ТЕРМІНАЛЬНА АВТОНОМІЯ



[hello@terminalautonomy.com](mailto:hello@terminalautonomy.com)



Ukraine 2024  
Terminal's AQ 400 Scythe  
[Video of strikes on Russia](#)