

AGENCIJA ALAN

CROATIAN DEFENCE PRODUCTS

Company Brochure

Presenting you Croatian defense industry
supported by Croatian Government

2026/2027

Foreword



Dear Partners, Associates, and Friends,

It is my great honor to present the 3rd edition of the Agency ALAN product and service catalog, which faithfully reflects the strength, innovation, and technological maturity of the Croatian defense industry. In times of pronounced geopolitical changes and new security challenges, the need for reliable, tested, and technologically advanced defense solutions is greater than ever before.

As a company wholly owned by the Republic of Croatia, Agency ALAN has served for more than three decades as a strategic partner to the Government of the Republic of Croatia, the Ministry of Defence, and the Ministry of the Interior. Our core mission is to introduce top domestic products with the global market and modern warfare requirements, while guaranteeing the highest standards of responsibility, transparency, and reliability in business operations.

The Croatian defense industry has long outgrown its local frameworks. Our products-ranging from small arms and premium ballistic equipment to advanced unmanned demining systems and the latest IT and digital solutions-are recognized worldwide. They are used by both the Armed Forces of the Republic of Croatia and the respectable military and defense forces of numerous other countries with which Agency ALAN successfully cooperates.

The key to the competitiveness of our products lies in the fact that many of these solutions are operationally and tactically battle-tested in the most demanding real-world conditions. This is precisely what instills absolute confidence in our customers regarding their efficiency and reliability.

We are aware that the future of the defense sector belongs to the synergy between traditional military equipment and advanced autonomous and cyber systems. That is why Agency ALAN actively supports the integration of new technologies and the strengthening of our companies' positions within European and global supply chains.

Whether you are a long-standing partner or are just discovering the potential of Croatian defense products, our expert team is at your disposal to develop customized, reliable, and comprehensive solutions.

Thank you for the trust you place in us as we build a safer world together.

Sincerely,
Goran Basarac, MBA
CEO / President of the Management Board of Agencija ALAN d.o.o.



Croatia - old nation, young state

Croatian Kingdom	925 A.D.
Independent Republic	1991 (homeland War 1991-1995)
Area	Adriatic region (Mediterranean & Central European)
Capital city	Zagreb
Population	3,873 million (2021 Census)
Area	56,000 km²
Currency	EURO
Social System	Parliamentary Democracy
EU Member	since 2013
NATO Member	since 2009

The national flag of Croatia

"Croatians are the best soldiers in the world. If I had only 100,000 Croatians, I would conquer the entire world."

Napoleon Bonaparte

History Military Facts

ABOUT CROATIA

Croatian Inventions

Parachute

Faust Vrančić, Croatian inventor, invented an early version of the parachute called "Homo Volans" (Flying Man) depicted in his 1615 work "Machinae Novae."
This parachute design is considered one of the first recorded concepts of a parachute, showcasing Vrančić's innovative contributions to early aeronautics.

Nikola Šubić-Zrinski

Nikola Šubić Zrinski, a Croatian nobleman and military leader, is best known for his heroic defense of Szigetvár against the Ottoman Empire in 1566.
His stand at Szigetvár is celebrated for significantly delaying the Ottoman advance into Central Europe, and he is remembered as a national hero in Croatia and Hungary.

Gvozdansko outpost

Famous Croatian Military outpost that fought against Otoman Empire. During siege the complete outpost, including women and children, froze to death rather than surrender their positions. As act of bravery Otoman commanders allowed that oupost can be burried in accordance to Christian funeral ceremonies which was prior never allowed.

Homeland war / Domovinski rat

In spite on unjust sanctions to arms trade, Croatia managed to fight back against ex Yugoslav Army and Serbian rebellions and won its freedom.
Numerous inventions were done during Homeland war in Croatia and that was the stepping stone of Croatian defence industry

Torpedo

Ivan Lupus Vukić, a Croatian naval officer, invented the first self-propelled torpedo in the 1860s, calling it the "savior of the coast."
His invention, further developed by engineer Robert Whitehead, revolutionized naval warfare by introducing an effective and reliable underwater weapon.

150-200
million of €

Yearly average export of CRO
Defence industry

100+
Companies: industrial base

Croatian
defence industry

50+
products and services

Verified and trustworthy
portfolio

Government
of the Republic
of Croatia

Government company
100% owned by Croatian Government

G2G
business potential

Our main partners

Croatian Ministry of Defence

Croatian Ministry of Interior

Armed Forces of Croatia

Ministry of foreign and EU affairs

Ministry of Economy

Croatian Police

Civil Protection

Croatian defence Industry competitiveness Cluster

NATO

European Defence Agency

GENERAL ASSEMBLY

PRESIDENT OF THE ASSEMBLY

Minister of Defence

MEMBERS OF THE ASSEMBLY

Minister of Finance
Minister of Interior
Minister of Economy
Minister of the Foreign and European Affairs

SUPERVISORY BOARD

President - Ministry of Defence, representative
Deputy president – Ministry of Interior, representative
Member - Ministry of Foreign and European Affairs, representative
Member - Ministry of Finance, representative
Member - Ministry of Economy, representative

MANAGEMENT BOARD

President of the management board
Member of the management board

About

Alan Agency is a 100% state-owned limited liability company established by the Republic of Croatia, with over 30 years of experience in the field.

As the primary agent for Croatian defence exports, facilitated by the Croatian Ministry of Defence and the Croatian defence industry sector, we have fostered successful partnerships with over 40 countries worldwide and their respective government institutions.

Our expertise also extends to serving as the key government support in facilitating and enforcing government-to government arrangements and conducting business negotiations for defence investments and production, solidifying our position as a trusted partner in the global defence arena.

Our Services

Our primary activities encompass a range of crucial functions within the defence sector:

- Import and export armament and military equipment to fulfil the requirements of the Ministry od Defence and the Ministry of the Interior
- Facilitating the sale of surplus army stock weapons and military equipment to meet the needs of the Ministry od Defence and the Ministry of the Interior
- Import and export armament and military equipment for commercial purposes
- Securing prior approval for the production of armament and military equipment for export, in close coordination with the Ministry of Defence, Ministry of Foreign and European Affairs, and the Ministry of Economy
- Ammunition and military equipment production
- Managing contracts for the production of armament and military equipment intended for export purposes
- Overseeing and supporting government-to-government arrangements to facilitate defence-related transactions and collaboration

By establishing Agency ALAN, Government of the Republic of Croatia remained strict to the implementation of its transparent policy, keeping the defence and security trade transparent and in accordance with adopted international obligations.
Agencija ALAN operates within the frame of these obligations and according to Croatian legislation which defines the production standards and rules, trade and quality of products.

Our Values

TRUST
Integrity, responsibility, accountability, highest levels of focus on our partners and customers

FLEXIBILITY
Integrated and tailor made approach reflecting clients needs, support by project managers specialized in defence business

REALISTIC AND SKILLED
We truly know defence industry potentials so we make commitment only if it is possible to do and we do it on time with plain accuracy and precision

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I Small Firearms

PISTOLS

USA Handguns of the Year - Regular basis



SEMI AUTOMATIC / SHORT RECOIL / STRIKER FIRED PISTOL Type HS

HS-9 G4

Pištolj HS-9 4.0 G4 OSP



The platform that set the standard for feature-rich striker-fired handguns remains a top choice for shooters worldwide. The HS-9 G4 OSP features a factory-milled slide designed to accommodate today's most popular optics, enhancing accuracy. Its aggressively textured frame ensures superior control, while the improved serrations on the hammer-forged slide provide a reliable grip in adverse conditions. The combination of a passive grip safety, tactile loaded chamber indicator and striker-status indicator add an extra layer of security. Additionally, the flat-face trigger delivers a consistent pull, with a defined wall and clean break.

OPTICS-READY

The HS-9 G4 OSP features a factory-milled slide designed to accept a variety of popular red dot optics, ensuring quick target acquisition and improved accuracy.

MODIFIED FRAME

The frame of the HS-9 G4 features aggressive texturing strategically placed on the most important contact points. An undercut trigger guard and extended beavertail allow for a high-hand position for superior control.

IMPROVED SERRATIONS

Functional serrations across the entire hammer-forged slide are deeper and more aggressive, providing enhanced grip and confident manipulation even in adverse conditions.

Technical specification

Caliber	9x19
Barrel length	103,5 ±0.3 mm
Overall length	180,5 ±0.7 mm
Overall height	140 ±0.7 mm
Width	33 ±0.5 mm
Weight without magazine	670 ±15 g
Weight with empty mag.	755 ±15 g
Weight of empty 16 rd mag.	85 ±5 g
Line of sight	158 ±0.7 mm
Magazine capacity	16 rd

Semi-automatic Pistol Type HS

HS-9 3.0

Pistol HS-9 3” Barrel - Subcompact

HS-9 3.0 has everything you need in small, sub-compact package. Featuring hammer forged 3 inch barrel and forged steel slide protected with Melonite finish.
Pistol is equipped with 3-dot front and rear sight. Other features are picatinny rail, ambidextrous magazine release, grip safety, trigger safety, firing pin safety along with striker-status indicator and loaded chamber indicator.
Trigger guard is enlarged for easier trigger manipulation even while wearing gloves. Pistol comes with two types of stainless steel magazines – one is flush with the grip and capacity of 13+1, the other is full-size magazine with grip sleeve and capacity of 16+1.

This means that by simply changing the magazine we can transform HS-9 3.0 from concealed carry/back-up option to high capacity full-frame pistol. All these features make HS-9 3.0 extremely versatile weapon.



Technical specification

Caliber	9 x 19
Mass of pistol	670 ±15 g
Magazine capacity	13 rd / 16 rd - w.adapter opt.
Magazine weight (empty)	70 ±5 g (for 13 rd)
Height	120,25 ±0,7 mm
Barrel length	79,5 ± 0,3 mm
Length (overall)	157,5 ± 0,7 mm
Width	33 ± 0,7 mm
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger
Safety indicators	Loaded chamber indicator
	Firing pin status indicator

Semi-automatic Pistol Type HS

HS-9 4.0

Pistol HS-9 4” Barrel

HS-9 4.0 is polymer frame, striker fired pistol. Featuring 4 inch hammer forged barrel and forged slide protected with Melonite finish.

Pistol is equipped with 3-dot front and rear sight. Trigger guard is enlarged for easier trigger manipulation while wearing gloves.
Other features include picatinny rail, ambidextrous magazine release, grip safety, trigger safety, firing pin safety along with striker-status indicator and loaded chamber indicator.
Pistol comes with stainless steel (16+1) magazines. HS-9 4.0 is ideal all-purpose gun.



Technical specification

Caliber	9 x 19
Mass of pistol	705 ±15 g
Magazine capacity	16 rd - (10 rd option)
Magazine weight (empty)	85 ±5 g
Height	139,5 ±0,7 mm
Barrel length	102,5 ± 0,3 mm
Length (overall)	180,5 ± 0,7 mm
Width	33 ± 0,7 mm
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger
Safety indicators	Loaded chamber indicator
	Firing pin status indicator

Semi-automatic Pistol Type HS

HS-9 5.0

Pistol HS-9 5” Barrel - Tactical

HS-9 5.0 offers everything you need for duty-carry, home-defense or even competition.
Featuring 5 inch hammer forged barrel with longer slide and full size frame. The longer barrel translate in to muzzle velocity increase, but it also adds more weight up front, which helps reduce muzzle flip and felt recoil, allowing faster follow-up shots. Increased sight radius in combination with 3-dot front and rear sight enables faster target acquisition.
Trigger guard is enlarged for easier trigger manipulation while wearing gloves.

Other features include picatinny rail, ambidextrous magazine release, grip safety, trigger safety, firing pin safety along with striker-status indicator and loaded chamber indicator. Pistol comes with stainless steel (16+1) magazines.



Technical specification

Caliber	9 x 19
Mass of pistol	750 ±15 g
Magazine capacity	16rd - (10 rd option)
Magazine weight (empty)	70 ±5 g (for 13 rd)
Height	139,5 ±0,7 mm
Barrel length	127 ± 0,3 mm
Length (overall)	204 ± 0,7 mm
Width	33 ± 0,7 mm
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger
Safety indicators	Loaded chamber indicator
	Firing pin status indicator

SAFETY Semi-automatic Pistols Type HS

- Firing pin block/drop safety (internal autom, safety)
- Trigger safety
- Grip safety

Safety indicators

- Loaded chamber indicator
- Firing pin status indicator

Firing Pin Status Indicator

The shooter can check the Striker Status Indicator by sight or touch to verify that the striker is in the cocked position.



The Loaded Chamber Indicator

Allows the shooter to verify, visually or by touch, and without any doubt that there is a round in the chamber.



Trigger Safety System

Guards against accidental discharge from dropping or bumping by locking the HS-9’s trigger in place until direct, rearward pressure is applied.



Grip Safety

Prevents accidental discharge. Discharge is enabled only when simultaneously both: the Grip Safety and the Trigger are pressed while shooting. Point and Shoot ergonomics are combined with a compact and contoured polymer grip and enable natural feel while pointing and aiming.





Semi-automatic Pistol Type HS G2

HS-9 G2 3.0

Pistol HS-9 3.0. G2

HS-9 G2 3.0 has everything you need in small, sub-compact package. Featuring hammer forged 3 inch barrel and forged steel slide protected with Melonite finish. Redesign frame contour and grip texture allows higher gripping on the gun resulting in better control during rapid fire.

Slide has deeper serrations for easier manipulation especially under stress. Pistol is equipped with fiber optic front sight and low profile rear sight. The sights are serrated to prevent the glare. Other features are picatinny rail, ambidextrous magazine release, grip safety, trigger safety, firing pin safety along with striker-status indicator and loaded chamber indicator. Trigger guard is enlarged for easier trigger manipulation even while wearing gloves. Pistol comes with two types of stainless steel magazines – one is flush with the grip and capacity of 13+1, the other is full-size magazine with grip sleeve and capacity of 16+1.

This means that by simply changing the magazine we can transform HS-9 G2 3.0 from concealed carry/back-up option to high capacity full-frame pistol. All these features make HS-9 G2 3.0 extremely versatile weapon.



Technical specification

Caliber	9 x 19
Weight without magazine	655 ±15 g
Magazine capacity	13rd-16rd
Magazine weight (empty)	70 ±5 g (for 13 rd)
Height	120,5 ±0,7 mm
Barrel length	80,5 ± 0,3 mm
Length (overall)	157 ± 0,7 mm
Width	33 ± 0,7 mm



Semi-automatic Pistol Type HS G2

HS-9 4.0 G2

Pistol HS-9 4.0 G2

HS-9 G2 4.0 is polymer frame, striker fired pistol. Featuring 4 inch hammer forged barrel and forged slide protected with Melonite finish.
Deep slide serrations on front and back enable easier manipulation while redesign frame contours and texture allows higher hand positioning on the gun resulting in better control during rapid fire. Pistol is equipped with fiber optics front sight and low profile rear sight.
The sights are serrated to prevent the glare. Trigger guard is enlarged for easier trigger manipulation while wearing gloves.

Other features include picatinny rail, ambidextrous magazine release, grip safety, trigger safety, firing pin safety along with striker-status indicator and loaded chamber indicator. Pistol comes with stainless steel (16+1) magazines. HS-9 G2 4.0 is ideal all-purpose gun.



Technical specification

Caliber	9 x 19
Weight without magazine	700 ±15 g
Magazine capacity	16 rd
Magazine weight (empty)	85 ±5 g
Height	140 ±0,7 mm
Barrel length	103,5 mm± 0,3 mm
Length (overall)	180,5 ± 0,7 mm
Width	33 ± 0,7 mm



Semi-automatic Pistol Type HS G2

HS-9 G2 5.0

Pistol HS-9 5.0. G2

HS-9 G2 5.0 offers everything you need for duty-carry, home-defense or even competition. Featuring 5 inch hammer forged barrel with longer slide and full size frame. The longer barrel translate in to muzzle velocity increase, but it also adds more weight up front, which helps reduce muzzle flip and felt recoil, allowing faster follow-up shots. Increased sight radius in combination with fiber optic front sight and low profile rear sight enables faster target acquisition.

The sights are serrated to prevent the glare. Redesign frame contours with new grip texture allows higher hand positioning on the gun and better control during rapid fire. Trigger guard is enlarged for easier trigger manipulation while wearing gloves. Other features include picatinny rail, ambidextrous magazine release, grip safety, trigger safety, firing pin safety along with striker-status indicator and loaded chamber indicator. Pistol comes with stainless steel (16+1) magazines.



Technical specification

Caliber	9 x 19
Weight without magazine	822 ±15 g
Magazine capacity	16 rd
Magazine weight (empty)	85 ±5 g
Height	140 ±0,7 mm
Barrel length	127.5 mm± 0,3 mm
Length (overall)	210,5 ± 0,7 mm
Width	33 ± 0,7 mm



Semi-automatic Pistol Type SF

HS-SF19 3,8

Pistol HS-SF19 3,8" cal 9x19mm

SF19 3.8 packs serious firepower in compact size.
Shorter slide/barrel enables easier manipulation while retaining excellent capacity with full size frame. SF19 3.8 features everything we know and love in full size model; fully ambidextrous slide stop lever and magazine catch, three safety system – firing pin safety, grip safety and trigger safety with two indicators – striker status and loaded chamber indicator (both visual and tactile).

Other features include arrowed front and back slide serrations for easier manipulation, picatinny rail, aggressive grip texturing, interchangeable backstraps (3 sizes) and enhanced flat trigger with shorter reset. Enlarged trigger guard ensures easier trigger manipulation even while wearing gloves.
Pistol comes with stainless steel high capacity magazines (19+1). SF19 3.8 offers full-size performance in a compact design.





Technical specification

Caliber	9 x 19
Weight without magazine	670 ±15 g
Magazine capacity	19 rn
Magazine weight (empty)	85 ±5 g
Height	145 ±0,7 mm
Barrel length	96 mm± 0,3 mm
Length (overall)	173.5 ± 0,7 mm
Width	36.5 ± 0,7 mm
Muzzle velocity	360 ±10 m/s
Effective range of fire	50 m+
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger

Semi-automatic Pistol Type SF

HS-SF19 4,5

Pistol HS-SF19 4,5" cal 9x19 mm

SF19 4.5 offers everything you need in full size, high capacity strike fired pistol. Featuring forged slide and hammer forged barrel with Melonite protective finish. Redesign slide has deeper, more pronounced front and rear serrations for easier manipulation.
Pistol is equipped with fiber optic front sight and low profile rear sight. Sights are serrated to prevent the glare. SF19 has fully ambidextrous slide stop lever and magazine catch, three safety system – firing pin safety, grip safety and trigger safety with two indicators – striker status and loaded chamber indicator (both visual and tactile).
Other features include picatinny rail, aggressive frame texturing, interchangeable backstraps (3 sizes) and enhanced flat face trigger with shorter reset for faster follow-up shots. Enlarged trigger guard enables easier trigger manipulation even while wearing gloves. Pistol comes with stainless steel high capacity magazines (19+1).





Technical specification

Caliber	9 x 19
Weight without magazine	730 ±15 g
Magazine capacity	19 rn
Magazine weight (empty)	85 ±5 g
Height	145 ±0,7 mm
Barrel length	116 mm± 0,3 mm
Length (overall)	193,5 ± 0,7 mm
Width	36,5 ± 0,7 mm
Muzzle velocity	360 ± 10 m/s
Effective range of fire	50m+
Distance between sights	170,5+-0,7mm
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger

Semi-automatic Pistol Type SF

HS-SF19 5,25

Pistol HS-SF19 5,25" cal 9x19 mm

SF19 5.25 offers everything you need in out of the box competition-ready pistol.
Featuring extended slide and barrel for longer sight radius with adjustable rear target sight and fiber optic front sight for easier target acquisition. Longer barrel translate into a muzzle velocity increase, and reduced weight of the slide allows faster cycling for quicker follow-up shots.
Trigger is enhanced with shorter reset and clean break. Interchangeable back-straps in combination with aggressive frame texturing enable excellent control during rapid fire.

Other features include picatinny rail, ambidextrous slide stop and magazine release, three independent safeties and two indicators. Pistol comes with stainless steel high capacity magazines (19+1). SF19 is everything you need for peak performance in competition or even tactical environment.





Technical specification

Caliber	9 x 19
Weight without magazine	736±15 g
Magazine capacity	19 rn
Weight with empty magazine	821+-15g
Height	146 ±0,7 mm
Barrel length	133mm± 0,3 mm
Length (overall)	209.5 ± 0,7 mm
Width	36.5 ± 0,7 mm
Distance between sights	185+-0.7 mm
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger

Semi-automatic Pistol Type HS-H

HS-H11

Pistol HS-H11 3.1 cal. 9x19 mm

H11 is a micro-compact, striker fired polymer-frame pistol. Featuring hammer forged barrel and forged slide with Melonite protective finish.
Patented magazine design makes H11 one of highest capacity micro-compact 9 mm in the world. Especially design adaptive grip texture provides exceptional control during rapid fire. Slide has front and back serrations for easier manipulation and is equipped with fiber optic front sight, and dovetailed rear U-notch sight.
H11 is equipped with two safeties – trigger safety, firing pin safety and loaded chamber indicator. Magazine release is reversible type and can be adjusted for left-handed or right-handed shooter. Pistol comes with two types of stainless steel magazine – one is flush-fit with capacity of 11+1, the other is extended with capacity of 13+1. Light weight, capacity and reliability makes H11 perfect concealed carry weapon.





Technical specification

Caliber	9x19
Width	27 ± 0,7 mm
Length (overall)	153 ± 0,7 mm
Distance between sights	127,5 mm
Height (with magazine 11rd – flat base)	106,5 ± 0,7 mm
Height (with mag.11rd – extended base)	119 ± 0,7 mm
Height (with magazine 13rd)	119 ± 0,7 mm
Barrel length	79,5 ± 0,3 mm
Weight of pistol without magazine:	455 ± 15 g
Weight of empty magazine	(11rd flat base): 58,5 ± 5 g, (11rd extended base): 61 ± 5 g, (13rd): 68,5 ± 5 g
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety-prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger

Semi-automatic Pistol Type S

HS-S5

Pistol HS-S5 3.3. cal. .45ACP

HS-S5 is .45ACP polymer frame, single-stack, striker fired pistol. Featuring 3.3 inch hammer forged barrel and forged slide. Barrel and slide are Melonite treated. Slide has pronounced serrations for easier manipulation and is equipped with fiber optic front sight and tack-rack rear sight.

The sights are serrated to prevent the glare. Grip is slimmer with rounded trigger guard and extended beaver-tail for higher hand positioning and better recoil control.
All surfaces on gun are rounded to produce “no-snag” effect. Other features are three safeties – grip safety, trigger safety and firing pin safety along with loaded chamber indicator. Magazine release is fully ambidextrous.

S5 comes with two types of stainless steel magazine – one is flush with grip and capacity of 5+1, the other is with grip extension and capacity of 7+1. S5 provides excellent firepower of .45 ACP round in slim, highly concealable design.



Technical specification

Caliber	.45ACP
Weight without magazine	618g/633 g ext.mag ±15 g
Magazine capacity	5rd/6rd
Height	113,5mm/127 mm ext. mag
Barrel length	84,5 mm
Length (overall)	163 mm
Width	26.7 mm
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger

Semi-automatic Pistol Type S

HS-S7

Pistol HS-S7 3.3 cal 9x19

S7 is 9mm polymer frame, single-stack, striker fired pistol. Featuring 3.3 inch hammer forged barrel and forged slide. Barrel and slide are Melonite treated. Slide has pronounced serrations for easier manipulation and is equipped with fiber optic front sight and tack-rack rear sight which are serrated to prevent the glare. Grip contours are slimmer with rounded trigger guard and extended beaver-tail for higher hand positioning and better recoil control. All surfaces on gun are rounded to produce “no-snag” effect. Other features are three safeties – grip safety, trigger safety and firing pin safety along with loaded chamber indicator. Magazine release is fully ambidextrous. S7 comes with two types of stainless steel magazine – one is flush with grip and capacity of 7+1, the other is with grip extension and capacity of 9+1



Technical specification

Caliber	9x19
Weight without magazine	550g
Magazine capacity	7rd/8rd
Magazine weight (empty)	55g/71 g
Height	113mm/127
Barrel length	84,5 mm
Length (overall)	160 mm
Width	26,7 mm
Muzzle velocity	-
Effective range of fire	-
Safety	Trigger safety - prevents unintentional moving of the trigger backwards
	Grip safety - prevents firing in case a user does not hold the receiver firmly
	Firing pin safety - does not allow the release of the firing pin without pulling the trigger

Semi-automatic Pistol

SF-19

Pistol SF 19 4.5 TB RDR

Featuring forged steel Melonited slide and 1/2"-28 threaded hammer forged barrel with protective cap. SF19 4.5 TB RDR comes with pre-cut slide and three mounting plates for Trijicon RMR, Leupold Delta Point and Vortex Venom reflex sights. Pistol is also equipped with co-witness suppressor-height sights that are serrated to prevent the glare. SF19 4.5 TB RDR features ambidextrous slide stop lever and magazine catch, three safety system – firing pin safety, grip safety and trigger safety with two indicators – striker status and loaded chamber indicator (both visual and tactile). Other features include arrowed front and back slide serrations for easier manipulation, picatinny rail, aggressive grip texturing, interchangeable backstraps (3 sizes) and enhanced flat trigger with shorter reset for faster follow-up shots. Enlarged trigger guard ensures easier trigger manipulation even while wearing tactical gloves. Pistol comes with stainless steel high capacity magazines (19+1).



Technical specification

Caliber:	9X19mm
Weight without magazine:	750 g
Weight of empty magazine 19rd:	85 g
Weight of empty magazine 22rd:	105 g
Magazine capacity:	19rd
Magazine capacity with Magwell:	22rd
Lenght (overall):	212,5 mm
Barrel length:	134 mm
Height:	152 mm
Width:	36,5 mm
Line of sight:	167,5 mm

Semi-automatic Pistol

H11 RDR

Pistol H11 RDR

H11 RDR is a micro-compact, striker fired polymer-frame pistol. Featuring hammer forged barrel and forged slide with Melonite protective finish, patented magazine design makes H11 RDR highest capacity micro-compact 9 mm in the world; especially design adaptive grip texture provides exceptional control during rapid fire. Pistol comes with pre-cut slide for mounting different reflex sights, but is also equipped with fiber optic front sight and dovetailed rear U-notch sight, and slide has front and back serrations for easier manipulation. H11 RDR is equipped with two safeties — trigger safety and firing pin safety — and a loaded chamber indicator; magazine release is reversible and can be adjusted for left- or right-handed shooters. Pistol comes with two stainless steel magazines: a flush-fit 11+1 and an extended 13+1. H11 RDR is also available in optics-ready configuration with removable optic sight plate. Lightweight, high capacity and reliable, the H11 RDR is a perfect concealed-carry weapon.



Technical specification

Caliber:	9X19mm
Weight without magazine:	455 g
Weight of empty magazine (11 rd flat base):	58,5 g
Weight of empty magazine (11 rd extended base):	61 g
Weight of empty magazine (13 rd):	68,5 g
Magazine capacity:	11rd / 13rd
Lenght (overall):	153 mm
Barrel length:	79,5 mm
Height (with magazine 11 rd flat base):	106,5 mm
Height (with magazine 11 rd extended base):	119 mm
Height (with magazine 13 rd):	119 mm
Width:	27 mm
Line of sight:	126 mm

Semi-automatic Pistol

H11 PRO RDR

Pistol H11 PRO RDR

H11 PRO RDR brings the full-size performance in a compact design. PRO comes with extended slide, 3.7“ barrel and full size grip. H11 PRO features everything we know and love in H11; hammer forged barrel and forged slide with Melonite protective finish. Especially design adaptive grip texture in combination with full size grip enable exceptional control during rapid fire. Pistol comes with pre-cut slide for mounting different reflex sights, but is also equipped with fiber optic front sight, and dovetailed rear U-notch sight. Slide has front and back serrations for easier manipulation. H11 PRO RDR is equipped with two safeties – trigger safety, firing pin safety and loaded chamber indicator. Magazine release is reversible type and can be adjusted for left-handed or right-handed shooter. Pistol comes with two stainless steel magazine with capacity of 15+1. Bridging the gap between micro-compact and full size pistols, H11 PRO RDR is perfect concealed carry choice.



Technical specification

Caliber:	9X19mm
Barrel length:	94 mm
Overall length:	167,5 mm
Overall height:	125,5 mm
Width:	27 mm
Weight of empty mag.:	73 g
Weight without mag.:	515 g
Magazine capacity:	15 rd
Line of sight:	140,5 mm



Semi-automatic Pistol

ECHELON 4.5

Pistol ECHELON 4.5 FS MF UN-E

Technical specification

Caliber:	9X19mm
Weight without magazine:	666 g
Weight of empty magazine:	85 g (17 rd) / 94 g (20 rd)
Magazine capacity:	17rd / 20rd Extended Magazine
Lenght (overall):	203 mm
Barrel length:	114 mm
Height:	140,9 mm
Width:	33,4 mm
Line of sight:	166,6 mm



ECHELON 4.5/5.2

Pistol ECHELON 4.5/5.2 FS MF 3 DOT TB-E

Technical specification

Caliber:	9X19mm
Weight without magazine:	666 g (4.5), 682 g (5.2)
Weight of empty magazine:	85 g (17rd) / 94 g (20rd)
Magazine capacity:	17rd / 20rd Extended Magazine
Lenght (overall):	222 mm
Barrel length: mm (5.2)	114 mm (4.5), 132 mm (5.2)
Height: 140,9 mm	140,9 mm
Width: 33,4 mm	33,4 mm
Line of sight:	166,6 mm



Semi-automatic Pistol

ECHELON 4.5

Pistol ECHELON 4.5 FS MF UN ALL ODG-E

The Echelon™ raises the bar for modern striker-fired duty pistols, combining modular adaptability and patent-pending innovations around a rugged stainless-steel chassis and revolutionary optics-mounting system. Engineered for superior ergonomics and durability in the harshest conditions, it centers on the all-new serialized Central Operating Group — a precision, self-contained assembly that can be swapped between grip modules in seconds. Housed within a robust chassis and concealed beneath the slide cover plate, the Variable Interface System lets users mount more than 30 optics directly to the slide without adapter plates. Complementing its advanced internals is a newly developed, wear-resistant magazine finished in a scratch-resistant coating, offering reliable 9mm capacity options of 17+1 or 20+1.



Technical specification

Caliber: 9X19mm	9X19mm
Weight without magazine:	666 g
Weight of empty magazine:	85 g (17 rd) / 94 g (20 rd)
Magazine capacity:	17rd / 20rd Extended Magazine
Lenght (overall):	203 mm
Barrel length:	114 mm
Height:	140,9 mm
Width:	33,4 mm
Line of sight:	166,6 mm



Semi-automatic Pistol

ECHELON 4.0C

Pistol ECHELON 4.0C SF UN-E

Engineered for carry, the Echelon™ 4.0C keeps the core features of the full-size model in a shorter, more concealable package — a 4-inch barrel and compact frame — while its revolutionary Variable Interface System delivers direct-mount compatibility with today's leading red-dot sights. Complemented by U-Dot irons for rapid target acquisition, the pistol's heart is the all-new, serialized Central Operating Group: a precision stainless-steel assembly manufactured to tight tolerances that is fully self-contained and easily swapped between grip modules in seconds. Housed in a robust chassis, the Central Operating Group supports a patent-pending optic mounting solution concealed beneath the slide cover plate, enabling users to mount more than 30 optics directly to the slide without adapter plates. Despite its compact footprint, the Echelon offers practical capacity — 15 rounds with the flush magazine and 18 with the extended magazine — combining carryability with proven performance.



Technical specification

Caliber:	9X19mm
Weight without magazine:	621 g
Weight of empty magazine:	77 g (15 rd)
Magazine capacity:	15rd / 18rd Extended Magazine
Lenght (overall):	187,1 mm
Barrel length:	102 mm
Height:	128,7 mm
Width:	33,4 mm
Line of sight:	154,6 mm



Semi-automatic Pistol

HS-9

Pistol HS-9 4.0 G3 OSP

The HS-9 G3 OSP features a factory-milled slide designed to accommodate today's most popular optics, enhancing accuracy. Its aggressively textured frame ensures superior control, while the improved serrations on the hammer-forged slide provide a reliable grip in adverse conditions. The combination of a passive grip safety, tactile loaded chamber indicator and striker-status indicator add an extra layer of security. Additionally, the flat-face trigger delivers a consistent pull, with a defined wall and clean break. The frame of the HS-9 G3 OSP features aggressive texturing strategically placed on the most important contact points. An undercut trigger guard and extended beavertail allow for a high-hand position for superior control. Functional serrations of the hammer-forged slide offer enhanced grip in adverse conditions, while a flared cut at the rear provides additional purchase for easy manipulation. The HS-9 G3 OSP comes with a 16-round stainless steel magazine.





Technical specification

Caliber:	9x19
Barrel length:	103,5 mm
Overall length:	180,5 mm
Overall height:	140 mm
Width:	33 mm
Weight without magazine:	700 g
Weight of empty magazine:	85 g
Magazine capacity:	16 rd
Line of sight:	158 mm



Small Firearms

KUNA .40S&W
KUNA 9MM
VHS ASSAULT RIFLES
BG-GRENADE LAUNCHER

Submachine gun and Assault rifles for next gen. soldiers

KUNA is a lightweight, compact select-fire submachine gun, chambered in 9mm. Its ambidextrous design, non-reciprocating charging handle, and adjustable foldable stock ensure easy manipulation.

Versatile and customizable, it supports accessories like suppressors, lasers, and lights for specialized missions.
Built for professionals, it offers precision, maneuverability, and durability for the toughest operational environments.

KUNA, distinguished by its characteristic design, embodies all the essential properties of a modern submachine gun:

- Lightweight, durable aluminum construction
- Hammer-forged barrel for precision and durability
- Ambidextrous controls, non-reciprocating charging handle
- M4-style pistol grip for enhanced ergonomics
- Modular, foldable, adjustable stock
- M-LOK mounting interfaces for accessory attachments
- Full-length Picatinny rail with flip-up sights
- QD sling sockets for quick attachment
- Compatible with suppressors, lights, and more



KUNA 9mm



Technical specification

Caliber	9x19mm
Caliber Trigger weight	2,5-3,5 kg
Rate of fire: Approx.	750+-100 rounds/min.
Weight	2,2+0,3 kg (2,3+0,3 with empty magazine)
Barrel length	6,5” (165 mm) 3-LUG; option 6” (152,4 mm) with threaded barrel
Barrel grooves	6 grooves, to the right, 250 mm /406 mm (for .40 S&W)
Stock	Folded or extended 4 positions
Length with folded stock	382 mm
Length with extended stock	615 mm
Length with extended stock 0 position	570 mm
Width	55 mm (90±4 mm with folded stock)
Height without magazine	197±4 mm (folded sights)
Height with magazine	242±4 mm (folded sights) / 255 +- 4 mm (for .40 S&W)
Magazine capacity:	30 rounds

VHS Assault Rifle

Assault Rifle VHS is prepared for use of standard NATO cartridge with SS 109 4,01g bullet, for US military cartridge M855 with bullet weight 62 grain, and for other 5,56x45mm cartridges, manufactured according to STANAG specification.

The configuration of VHS Rifle use Bull pup principle in which the action and magazine are located behind the trigger and alongside the shooter's face, so there is no wasted space for the butt stock as in conventional designs. This permits a shorter firearm length for the same barrel length.

Result is saving weight of the weapon and increasing manoeuvrability of the soldier.
Such increased manoeuvrability becomes important in confined spaces, during transport, during combat in urban environments etc.
In comparison with other assault rifles Assault Rifle Type VHS is up to 25% shorter in length, while at the same time it's efficiency by muzzle velocity is 10% higher.
The small total mass of Assault Rifle Type VHS is also significant as it is one of the lightest assault rifles today.



VHS-D2

Assault Rifle/flip-up sight with block



Technical specification

Caliber	5,56x45 mm
Ammunition	5,56x45mm;SS109
Barrel length	500mm
Rate of fire	850 ±100rd/ min
Muzzle velocity V_0	910 ±30 m/s
Length overall	800 ±3mm
Length - drawn out buttstock	850 ±3mm
Width	76 ±2mm
Height - w.NATO Frame/Opt. Sight	205 ±2mm
Height - w.magazine (30rds)	269 ±2mm
Weight - without magazine	3,85 ±0,05kg
Weight - empty magazine	134 ±5g



VHS-K2

Assault Rifle/flip-up sight with block



Technical specification

Caliber	5,56x45 mm
Ammunition	5,56x45mm;SS109
Barrel length	410mm
Rate of fire	850 ±100rd/ min
Muzzle velocity V_0	880 ±30 m/s
Length overall	710 ±3mm
Length - drawn out buttstock	760 ±3mm
Width	76 ±2mm
Height - w.NATO Frame/Opt. Sight	205 ±2mm
Height - w.magazine (30rds)	269 ±2mm
Weight - without magazine	3,7 ±0,05kg
Weight - empty magazine	134 ±5g



VHS-K2 CT-1.5X (short barrel)

Assault Rifle/flip-up sight with block



Technical specification

Caliber	5,56x45 mm
Ammunition	5,56x45mm;SS109
Barrel length	410mm
Rate of fire	850 ±100rd/ min
Muzzle velocity V_0	880 ±30 m/s
Length overall	710 ±3mm
Length - drawn out buttstock	760 ±3mm
Width	76 ±2mm
Height - with NATO Frame	250 ±2mm
Height - w.magazine (30rds)	313 ±2mm
Weight - without magazine	4 ±0,05kg
Weight - empty magazine	134 ±5g



VHS-D2 CT-1.5X (long barrel)

Assault Rifle/flip-up sight with block



Technical specification

Caliber	5,56x45 mm
Ammunition	5,56x45mm;SS109
Barrel length	500mm
Rate of fire	850 ±100rd/ min
Muzzle velocity V_0	910 ±40 m/s
Length overall	800 ±3mm
Length - drawn out buttstock	850 ±3mm
Width	76 ±2mm
Height - with optical sight	250 ±2mm (opt.sight)
Height - with magazine (30rds)	313 ±2mm
Weight - without magazine	4,15 ±0,05kg
Weight - empty magazine	134 ±5g



VHS D2 with mounted under-barrel grenade launcher (BG)

Grenade Launcher

VHS-BG

Grenade launcher with retractable buttstock

VHS-BG cal. 40x46mm, is double action single-shot grenade launcher. Equipped with hammer forged barrel and high durable polymer, VHS-BG can fire all 40x46 type of grenades on the market – smoke, HE, CS, Rubber, HEDP, etc. VHS -BG can be used as stand-alone variant or as under-barrel grenade launcher for VHS-2 rifle.

Mounting grenade launcher on VHS-2 rifle is fairly easy with one pin quick-mount system. This highly efficient and easy to handle grenade launcher is light and compact, with retractable buttstock for sole use or as underbarrel, provide efficient weapon for multiple operations.







Technical specification

Caliber	40x46 mm
Barrel length	260mm
Rate of fire	5/7 grenade /min
Length overall	495 ±3mm
Length - extended butstick	680 ±3mm
Width with sight	86 ±2mm
Height - with sight	215 ±2mm
Weight - with sight	2,05±0,05kg
Range	450 m



Small Firearms

SNIPER RIFLES

MACS M4

Sniper Rifle



Technical specification

Caliber	12,7 x 99
Lenght	1480
Width exc. bolt handle, tele sight, bipod	90
Height including telescopic sight	300
Weight/rifle inc. telescopic sight	12,8
Barrel length	782 mm
Rifling twist	Right hand
Pitch (mm)	1 in 380
Grooves	8
Cartridges magazine capacity	5
Effective range (m)	1500
Terminal Range (m)	6800
Bolt trigger	90 degrees opening, 1 stage
	adjustible from 0,5 to 1,5 kg
Bipod	PARKER HALE

The MACS Sniper Rifle Model M4 fires cal. 12.7×99 mm (0.50 Browning) cartridge.
MACS Sniper Rifle is a single-shot, bolt-action rifle with an optical sight and a multi baffle muzzle brake to reduce recoil forces. Rounds are fed into the weapon by manually operated bolt, from the 5-rounds cartridge magazine.

Some individual user adjustments can be made on the bipod, the cheek-rest and the butt-plate. The issued optical sight is alternated among: model Kahles ZF10×42 or Kahles model K- 312 3-12x50.
Barrel is fitted with a trial-chamber muzzle brake whose outlets direct the muzzle blast sideways.



II Ammunition

40X46 GRENADES & MORTAR BOMBS



Artillery production - Challenge accepted

GRENADES

40x46mm Low Velocity

Grenades 40x46mm LV are designated to use with infantry Grenade Launchers.

Use of various grenade models depends on the target: against enemy live force in open and closed spaces, non-armoured and armoured vehicles, inert material targets, bunkers, dugouts, buildings etc.





Technical specification

	HEDP 01	HE 01
Type	HE-DUAL PURPOSE (High explosive anti-personnel and anti armoured targets)	HE (High explosive anti-personnel)
Reference	HEDP 01	HE 01
Country of origin	Croatia	Croatia
Total height	106 mm	106 mm
Body diameter	40 mm	40 mm
Total weight	238 g	238 g
Projectile weight	189 g	189 g
Fuze	URJ – 004	URJ – 004
Arming of the fuze	Inertial and centrifugal force, with misaligned fire train	Inertial and centrifugal force, with misaligned fire train
Arming distance	10 – 18 m	10 – 18 m
Explosive	RDX	RDX
Explosive Weight	32.5 g	45 g
Fragments Weight and quantity	> 45+22 g >400	> 45+9 g >400
Lethal radius	>5 m	>5 m
Range	375 (400) m	375 (400) m
Velocity	76 m/s	76 m/s
Penetration	> 50 mm steel plate	> 10 mm steel plate
Precision	100 m distance, min 12 grenades from 15 shoots must be in target 1x1 m	
Malfunction	2/100 acceptance	2/100 acceptance
Temp.range	-30 to + 50 °C (in special case, it is possible to change distance, on buyer request)	
Class	1.2 E	1.2 E
Color, painting	Black/gold	Black/gold
Markings	Yellow painting type, Model No., Lot, year and month of production, producer	
Employment	40 mm RBG-6, MGL-6, M79, M203, RBG-1, EX41, HK69A1, HK79	
Guarantee	1 year	1 year
Shelf life	10 years	10 years
Technical Tests	Factory certified in English language presented with certify by specialities: fragmentation, penetration, vibration, centrifugal safety, salt leakage, extreme temp. function, drop test, arming/non arming, target precision, range	Factory certified in English language presented with certify by specialities: Vibration, salt leakage, extreme temp. function, drop test, target precision, range
Packaging	Metal box per 50 pieces, each in plastic tube container	

MORTAR BOMBS

Ammunition

Mortar Bombs are products intended for engagement of hostile personnel in open ground and behind natural or built obstacles, machine gun nests, observation posts etc. Large quantity of fragments during detonation ensures high effectiveness in large diameter.

Mortar Bombs in our offer are to be used for Mortars calibres 120mm. Products have been made in organization of production with Croatian companies with Agencija ALAN as coordinator of production. Mortar Bombs in calibre 120mm HE has been tested and combat proven in field action in various markets worldwide.



Caliber	120 mm
Fuze/SQ or SQD	SQ M68P1 / M78 or SQD M78
Mass	Mass 12,6 kg
Shell Body	Modular Cast Iron
Mass of explosive charge (TNT)	2,4 kg + 0,266 kg (Powder ch.)
Max Range	6.340 m
Material of stabilizer	Iron



III Weapon systems

MULTIPLE LAUNCH ROCKET SYSTEM
MULTIPLE GRENADE LAUNCHER

Weapon System

MULTIPLE LAUNCH ROCKET SYSTEM

MLRS RAK-12 cal. 128mm

The MLRS RAK-12 is a versatile and mobile multiple launch rocket system designed and manufactured in Croatia. Engineered to provide powerful and precise rocket artillery support in various combat scenarios, it features a caliber of 128 mm with 12 launch tubes. The system boasts a range of 8 to 13 kilometers, depending on the type of rocket used.

Mounted on a truck chassis, the RAK-12 offers rapid deployment capabilities and is operated by a small team of 3 to 4 personnel.

Its versatile firepower allows it to launch different types of rockets, including high-explosive and fragmentation rounds. The design facilitates rapid reloading, ensuring continuous fire missions. The RAK-12 excels in tactical flexibility, making it ideal for counter-battery operations, suppression of enemy air defenses (SEAD), and general artillery support.

The RAK-12 is an invaluable asset in modern artillery, delivering concentrated rocket fire to effectively engage a wide range of targets. Its mobility and ease of deployment make it suitable for both offensive and defensive operations.

Developed during the Croatian War of Independence in the early 1990s, the RAK-12 has proven its effectiveness in various combat situations. Initially created to enhance Croatian artillery capabilities, it is now in service with several armed forces around the world.

Technical specification:

For more info contact us via e-mail or find additional data on our website www.aalan.hr



Weapon System

MULTIPLE GRENADE LAUNCHER

RBG-6, cal.40x46mm

Multiple Grenade Launcher Type RBG-6, cal.40x46mm, is lightweight, semi-automatic, shoulder fired grenade launcher for infantry use. It fires widely used 40x46mm grenade, low velocity family grenades.

The weapon is based on the revolver principle with a spring-driven, gas operated cylinder. The weapon is equipped with a three-position folding stock. When fully extended the stock is almost parallel with the barrel. It is locked in that position for shorter ranges and as the range increases, the stock can be raised slightly to facilitate sighting. The weapon is fitted with an Occluded Eye Gunsight (O.E.G.), which means that the weapon is fired with both eyes open.

One eye looks into the sight and focuses on the red line, while the other eye has unimpeded view of the target. The sight is fully operational in both good and poor weather conditions as long as the target is visible.



Technical specification:

For more info contact us via e-mail or find additional data on our website www.aalan.hr



IV Naval Program

VESSELS AND MILITARY BOATS
INFLATABLE RIGID MOTOR BOATS

Coastal Patrol Vessels

Class OMIS

Coastal Patrol Vessel

The vessel is 43.25 meters long, equipped with a 30 mm automatic cannon. two manually controlled 12.7 mm machine guns and four hand-portable anti-aircraft missile systems.

The vessels main features are remote control, a built-in system of electro-optical sensors for autonomous operation, day and night operations, a stabilized turret, automatic target tracking, that provides rate of fire up to 200 pieces of ammunition per minute. The capacity of the ship is 16 people with a sailing autonomy of 10 days. It is very capable in pursuit and achieves a speed of 28 knots at 90% MCR, which is ensured by the ship's main engines with a power of 2 x 2525 kW. It is equipped with an active sway stabilization system that enables the ship to be fully operational in sea state 4 and to comply with NATO criteria for seaworthiness (STANAG 4154). A special feature is the optimization of the ship's systems, where it can sail 1,000 nautical miles at a speed of 15 knots with one fuel load.

Optimized fuel consumption due to the innovative design of the hull shape and excellent sailing properties enables very efficient use, which results in significant savings compared to similar ships.



Technical specification

Length	43,16m
Breadth	8,00m
Draught	2,80m
Max. Speed	>27,9 kn
Complement	14+3
Main engines power	2x2525 kW
Propulsor type	CPP
Electric Plant	2x118 kWe, 1x51 kWe
Crusising range	1000 NM/15 kn
Autonomy	10 days
Seakeeping	Active stabilization systemwith 2 fins NATO seakeeping criteria
Damage stability	STANAG 4154. Full operabillity at sea state up to 5 WMO
Hull material	Two adjacent compartments flooding
Superstructure material	AH36 - High tensile steel
Weapon system	Aluminum alloy AlMg4.5Mn
Fast intervention/rescue boat	1x30mm gun, 2x12,7mm machine guns, EOS
NBC Protection	1XRHIB
	Hermetically closed spaces

Applications

- Patrol
- Transport
- Prevention & Pursuit
- Intervention
- Counter Terrorism
- Border Control
- Search and Rescue operations



Coastal Patrol Boats

PATROL BOAT PV-30-LS

Patrol Boat

The ship has the following characteristics: L= 31,30m; B=6,38m; D=116 t, power 1680 KW. Project was tested in the Vienna pool performance, including speed, stability and seaworthiness.

About 200 blueprints (main project) were created, which were tested and certified the Institute for Marine Hydrodynamics in Vienna, and the ship's shape was rated as "perfect design".
The ship has fuel tanks with a total capacity of 26,000 litters, which gives it an autonomy of 1,000 nautical miles at the specified operating speed. It was built for sailing in the Mediterranean in almost all weather conditions.
It is fully operational up to sea state 5 (according to the WMO), when the wave height is over 4 meters and the wind is up to 7 Beaufort, where a sustainable speed of up to 26 knots is theoretically possible.

With two engines and a structure calculated to withstand a force of 1.7 G, the ship has outstanding maritime characteristics, which is very important when patrolling and intercepting other vessels. The boat also has outstanding manoeuvrability, so that the turning circle at full speed of 26-27 knots is only 182 meters.

The control and management of the main and auxiliary engines is done via electronic touch panels (touch screen) on the command bridge, which is the main control point, while the rudder on the outer bridge serves only as an aid in case everything fails, because then it is switched to the simplest , manual steering mode.

What is special about this ship is its low radar visibility (low signature), i.e. its 30-meter silhouette is read on the radar as a vessel 10-12 meters long.



Length	31,30 m
Breadth	6,38m
Displacement	116 T
Speed	Max: 30,5 Knots
Range/Autonomy	1000 NM
Crew	14
Haul Structure	Steel hull and aluminium superstructure
Power	1680 kW
Capacities	All Weather (up to sea state 5-accord-
	ing to the WMO)
Low radar visibility	30-meter silhouette is read on the radar
	as a vessel 10-12 meters long

Applications

- Patrol
- Transport
- Prevention & Pursuit
- Counter Terrorism
- Border Control
- Search and Rescue operations

Coastal Patrol Boats

PATROL BOAT PB25

Patrol Boat

The Patrol boat PB 25 is a aluminum based series of patrol boats designated for multiple roles in littoral waters, including patrolling, surveillance, intelligence gathering, search and rescue operations, anti-surface operations, maritime security operations, etc.

This vessel can be equipped with two MTU 16V 2000 M70 propulsion engines and F-drive gearboxes built by our principal ZF type 3050 and with complete Blue Line propulsion operation and supervision system, all in compliance with CSR rules and regulations.

During her final trials, the vessel reached her maximum speed of 30 knots and excellent noise and vibration and manoeuvrability performances, thus representing a high tech product and an excellent reference for more future projects of the type both in Croatia and abroad. Several Boats in variant of Police Patrol vessel PB-25 have been put in service of Republic of Croatia Ministry of Internal Affairs.

Key Features

- Maritime reconnaissance
- Border control
- Waterborne surveillance
- Diving operations support
- Non combatant evacuation op.
- Search and Rescue Missions
- Interception and control of coastal belt

Applications

- Police
- Special Forces
- Transport
- Counter Terrorism
- Logistic
- Search & Rescue Operations



Length	25,1 m
Beam	6,00 m
Draft	1,5 m
Speed	Max: 28-35 Knots
Range/Autonomy (one tank)	600 miles
Haul Structure (material)	Aluminum hull & superstructure
Power	Main Engines: 2x1408hp to 2x1930hp
Complement	7
Generators	2x27 Kw



Rigid Inflatable Motor Boats

SHADOW PATROL 47

Multi-purpose vessel for security, patrol, SAR missions

The Shadow Patrol 47 is a premium multi-purpose vessel designed and manufactured for multi-day stays at sea and rivers. It is ideal for conducting patrol duties, inspection oversight, search and rescue, and other safety operations on open waters and rivers. Versatile, reliable, and adaptable, this vessel offers a high level of safety and efficiency in every challenge.

Design Categories

Depending on the needs and requirements of the customer, the Shadow Patrol 47 can be constructed in two categories:

• **Category "A"** - Ocean Navigation
For navigation in open sea conditions with wind speeds above 8 Bf and waves over 4 meters, with complete self-sufficiency in supply and equipment.

• **Category "B"** - Offshore Navigation
For navigation in conditions with wind up to 8 Bf and waves up to 4 meters, providing a high degree of safety and reliability for medium depths and open waterways.

Customizable Versions

The vessel is available in versions with inboard motors or outboard motors, depending on the specific needs and preferences of the buyer.

Capacity

Equipped to transport up to 12 persons, offering comfort, safety, and efficiency for all passengers.

Key Features:

• Robust and reliable construction
• Multi-purpose application: patrol, inspection, rescue
• Additional safety equipment according to the highest standards
• Dynamic performance and excellent maneuverability

HULL and SUPERSRTUCTURE

• Proven design, Deep-V hull.
• Glass reinforced polyester (GRP) Hull and Deck structure reinforced with Kevlar for additional impact resistance
• Built by Vacuum Infusion process with newest technologies
• Based on the class notation according to CRS Rules and EU directive 53/2013/EU
• 2 Watertight compartments with separate bilge system.
• Standard gel coat of RAL colour of the customer's choice or full paint solution
• Anti-slip deck



Rigid Inflatable Motor Boats

Shadow Military 47

Designed for Military and Combat Operations



The Shadow Military 47 represents a top-tier, military-grade vessel built for combat, quick interception, and strategic protection missions on both sea and rivers. Constructed with advanced materials, it ensures maximum durability, resilience, and performance, making it an optimal solution for tactical interventions, critical infrastructure protection, and anti-piracy activities.

Key Features:

• Military-Grade Construction: Made from high-quality, robust materials with specialized ballistic protection layers, providing superior resistance in the most challenging combat environments.

• High Performance: Designed for rapid response and exceptional maneuverability, enabling effective operation in high-risk and dynamic conditions.

• Versatile Capabilities: Perfect for quick intercepts, maritime security patrols, and protection of vital infrastructure on seas and rivers.

• Customizable Solutions: Configurable and upgradable according to specific operational requirements and mission profiles, including additional equipment and systems.

The Shadow Military 47 is a premium vessel that meets the most demanding requirements of modern naval forces — reliable, fast, and tactically superior for efficient and ready security operations on maritime and river zones.

The Shadow Military 47 is a premium vessel that meets the most demanding requirements of modern naval forces — reliable, fast, and tactically superior for efficient and ready security operations on maritime and river zones.

ARMAMENT AND BALLISTIC PROTECTION FOR SHADOW MILITAY 47- options

• Roof: 1 x ASELSAN SMASH 200/12.7 - Remote Weapon Station

• Aft area: 2 x Kongsberg Browing M2 12,7mm or Dillon Aero M134D-M 7.62 mm mini gun

• Bow area: 1 x Dillon Aero M134D-M minigun 7.62 mm - with CEV system

• Ballistic protection for wheelhouse including balistic glass+ entrance door+ complet frames inboard the fuel tanks- Level of protection: 7.62 x 39 APIBZ, STANAG 4569 Level 2 - AEP55, at 300m

• Ballistic engine cover with lifting and lowering mechanism Level of protection: 7.62 x 39 APIBZ, STANAG 4569 Level 2 - AEP55, at 300m. Material solution - 22mm Legion Polyethylene Hybrid -Finished with composite wrap in textured gel coat to raquired RAL colour.

• Engine cover and engine leg Ballistic Protection to NIJ IIIA. Material thickness: Approx 13mm -ASLGRP

Customer determines the armament with which the vessel will be equipped in accordance with the agreement with the manufacturer and the technical capabilities of the vessel.



PRINCIPAL CHARACTERISTICS OF THE SHADOW PATROL 47 & SHADOW MILITARY 47-INBOARD

LENGHT	
Maximum Length:	Lmax / m – 14.50
Hull Length:	LH / m – 13.72
WIDTH	
Maximum Width:	Bmax / m – 4.20
DRAFT	
Maximum Draft: (mLDC)	Tmax / m – 0.70
SUPERSTRUCTURE HEIGHT	
Superstructure Height (on CWL, without antenas)	Ha / m – 4.85
DISPLACEMENT	
Light Displacement (EC)	mEC / kg – 10000
Light Displacement (LC)	mLC / kg – 10510
Minimum Operating Draft (MO)	mMO / kg – 10810
Maximum Load:	mL / kg – 2428
TANK CAPACITIES	
Fuel Tank STB	l – 700
Fuel Tank PORT	l – 700
Fresh Water Tank	l – 250
Hot Water Heater	l – 30
PASSENGERS/CREW	
Passengers/Crew	– 12
INBOARD PROPULSION	
ENGINES- CATERPILLAR C7.1 2X373 kW+ ZF 400V	
ENGINES- CUMMINS QSC 8.3 S.W. 2X441 kW+ ZF 400V	
Total Max Recommended Power: 746 kW	2 × 373 kW
Total Max Recommended Power: 882 kW	2 × 441 kW
PERFORMANCE WITH CATERPILLAR	
Maximum Speed	knots – 35+
Range at 100% Engine Power 35 knots	NM – 235
Range at 80% Engine Power 29 knots	NM – 245
Range at 65% Engine Power (Cruising Speed) 26 knots	NM – 270
PERFORMANCE WITH CUMMINS	
Maximum Speed	knots – 38+
Range at 100% Engine Power 38+ knots	NM – 230
Range at 80% Engine Power 30 knots	NM – 240
Range at 65% Engine Power (Cruising Speed) 27 knots	NM – 270



PRINCIPAL CHARACTERISTICS OF THE SHADOW PATROL 47 & SHADOW MILITARY 47-OUTBOARD

STANDARD LIST OUTBORD ENGINES
Outboard engine brand as per customer's request
Mercury 2 x 600hp- V12
Yamaha 3 x 450hp-V8
Honda 3 x 350hp-V8
Mercury 3 x 600hp- V12
Yamaha 3 x 350hp-V6
Mercury 3 x 400hp- V10
Mercury 3 x 350hp- V10

PERFORMANCE WITH Mercury 3 x 600hp- V12	Speed(kts)	rpm	Consum. (l/h)	Range(NM)
100% Engine Power	60	6000	579	124
80% Engine Power	49	5000	339	173
65% Engine Power (Cruising Speed)	40	4000	255	188

PERFORMANCE WITH Mercury 3 x 400hp- V10	Speed(kts)	rpm	Consum. (l/h)	Range(NM)
100% Engine Power	50+	6000	430	139
80% Engine Power	42	5000	220	229
65% Engine Power (Cruising Speed)	35	4000	130	323

PERFORMANCE WITH Mercury 3 x 350hp- V10	Speed(kts)	rpm	Consum. (l/h)	Range(NM)
100% Engine Power	43+	6000	421	122
80% Engine Power	38	5000	208	219
65% Engine Power (Cruising Speed)	31	4000	115	323

PERFORMANCE WITH Yamaha 3 x 450hp-V8	Speed(kts)	rpm	Consum. (l/h)	Range(NM)
100% Engine Power	50+	6000	430	148
80% Engine Power	43	5000	221	233
65% Engine Power (Cruising Speed)	36	4000	128	337

UNMANNED SURFACE VEHICLE (USV)

SHADOW BLACK ARROW

Compact. Fast. Autonomous.

The Shadow Black Arrow is an advanced Unmanned Surface Vehicle (USV) featuring a low radar cross-section (stealth design). Developed as a highly modular platform, it delivers outstanding efficiency for maritime and riverine operations. It seamlessly combines high performance, extended range, and versatile control systems within a single, compact frame.

Advanced Features

- Thermal signature reduction coating
- Acoustic signature reduction (noise-dampening) coating
- Hull self-cooling system active during transit

Operating Modes

- Remote Control: Real-time manual piloting and command.
- Semi-Autonomous: Automated execution of navigation parameters with operator supervision.
- Fully Autonomous Patrol: Unsupervised execution of predefined routes and operational mission profiles.

Navigation

- GPS / GNSS
- AIS



Sensor Payload

- Daylight Camera
- Thermal Imaging Camera

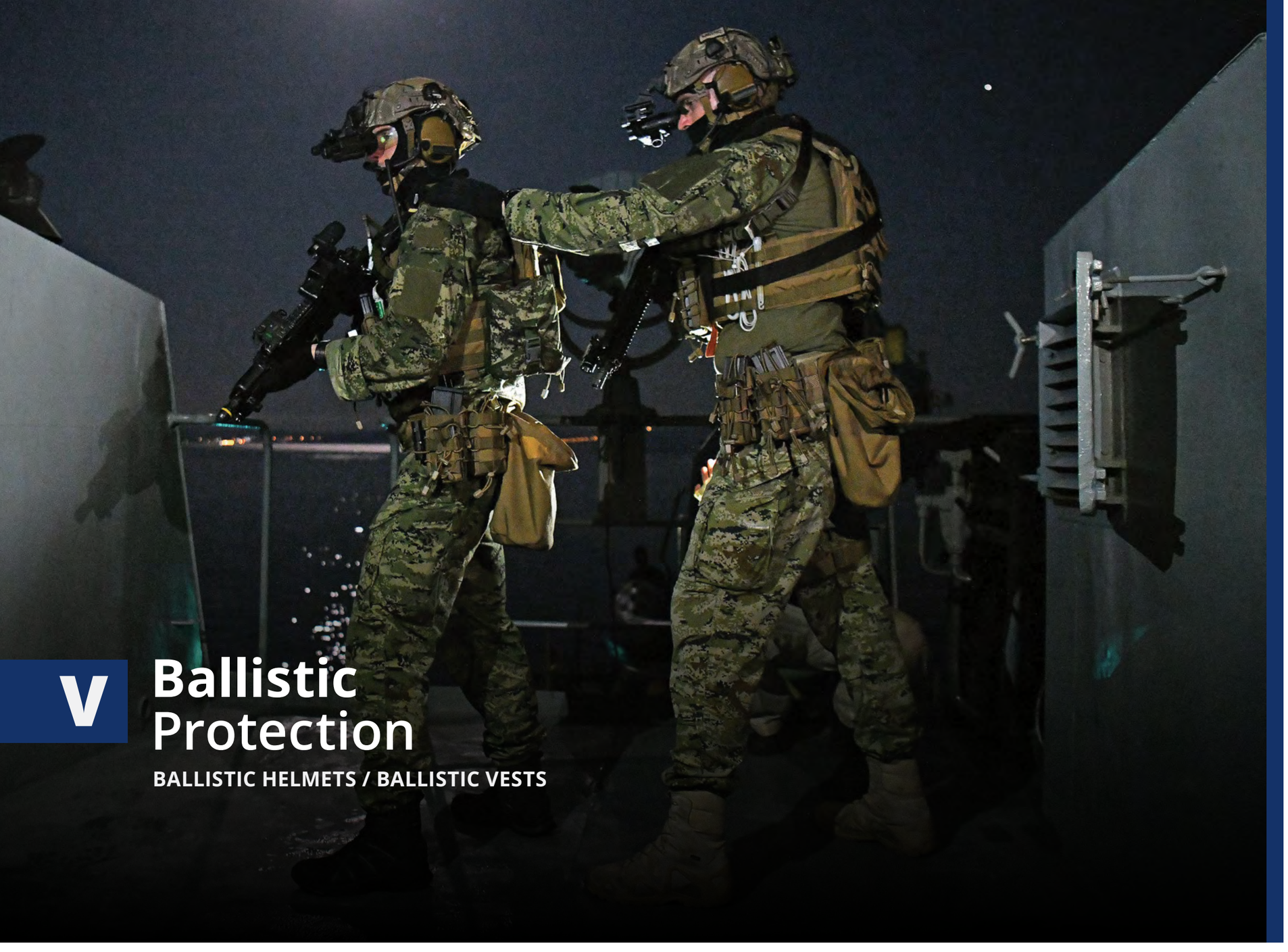
Communication & Connectivity

- Satellite Connectivity
- 4G / 5G Cellular
- VHF Backup
- Tethered Cable Interface (for diagnostics and testing)



Technical specification

Construction Material	Fiberglass / Kevlar
Length	3.50 m
Beam (Width)	1.20 m
Height Above Waterline	45 cm
Draft	0.20 m
Curb Weight	250 kg
Payload Capacity	Up to 150 kg
Maximum Speed	Up to 60 knots
Operational Range	Up to 150 NM
Engine Power	150–300 HP
Engine Type	Inboard 4-stroke
Propulsion	Waterjet
Fuel Type	Gasoline
Fuel Tank Capacity	100 / 150 liters



V

Ballistic Protection

BALLISTIC HELMETS / BALLISTIC VESTS

Ballistic Protection

Ballistic helmets are one of the top products in offer by Agencija ALAN and associated domestic producer. Numerous products for variety of services and uses are currently in our offer.
We can confirm that Croatian made helmets are in use of our armed forces, police forces, border control units, special intervention units, special forces, red cross staff, civil protection, etc.

Croatian made helmets are also in use of more than 70 countries in the World, and we are proud that different governments chose the Croatian protective helmets for protection of their most vital security and armed forces.

Helmets are being made of most advanced thermoplastic and composite materials like Aramid and Polyethylene that are produced in World most quality material factories.
All helmets have NATO Stock numbers, and are accepted in terms of quality and standard in numerous public procedures and tenders.

Ballistic vests belong to the products of ballistic protection body armour made of high-quality materials from Worlds leading fibre manufacturers.

Agencija ALAN can offer variety of custom-made solutions in ballistic vests products, from tactical vests to demining and concealable solutions for secret service operatives.

Products are made of following materials, based on the customer needs: Ultra-High-Molecular-Weight Polyethylene (UHMWP), Aramid materials and/or hybrid solutions that are tested together with customer.

Products are tested and combat proven in various markets and strong production capacities
and well-connected supply chain can answer serious demand and needs.

Ballistic Protection

HELMETS

BK-ACH type

BK-ACH type of helmets are modern ballistic combat helmets that is comparable to USA model ACH (Advanced Combat Helmet), and are identical to the MICH TC-2000. The helmet is designed to be lighter than the PASGT infantry helmet and it provides more flexibility in the field. With no front brow feature upward, visibility is improved and allow easier mounting of night-vision goggle brackets. The side trim is higher to allow greater compatibility with communications headsets and improve hearing when headsets are not used. The helmet shell is made from high quality aramid materials produced by most reputable World producers like Teijin (Twaron) and Dupont (Kevlar). Special manufacturing process provides high protection level against all kind of fragments, shrapnel, and bullets. The helmet and its parts are resistant to all weather conditions and available in three widely accepted versions: Regular Cut, Mid Cut and High Cut.



Technical specification BK ACH type

Helmet version	Regular Cut – BK ACH, Mid Cut – BK ACH MC, High Cut – BK ACH LC
Helmet size	S, M, L, XL
Weight of complete helmet (Shell, suspension system, retention system, Shroud and Side rails)	1270 g. up to 1720. g. (Depends on Helmet version and Helmet size)
Temperature resistance	-40°C/+75°C
Protection level	-level II according to NIJ 0106.01 - level IIIA according to NIJ 0108.01 -level IIIA according to NIJ 0101.06 - level IIIA according to NIJ 0101.04 -V50 ≥ 650 m/s according to NATO STANAG 2920 -Level III according to VPAM HVN 2009
Bullet proof calibers	9x19mm, 357 SIG, 357Mag, .44Mag, Tokarev 7,62
Additional helmet accessories	Shroud, Side rails, Helmet cover, Counterweight, Ballistic visors, Neck protector, Half mask

Ballistic Protection

HELMETS

PK-ELITE

PK-ELITE is designed for law enforcement to protect its wearer's head, face and eyes from handheld melee weapons, thrown projectiles such as bricks, bottles, rocks and low velocity projectiles. Intended for use in all weather conditions.



Technical specification PK ELITE type

Helmet type	PK-ELITE
Helmet size	UNI-size – One shell fits all
Head sizes (6 individual inside equipment's)	S 55-56, M 57-58, L 59-60 XL 61-62, XXL 63-64, XXXL 65-66
Weight of complete helmet	<2150g
Temperature resistance	-20°C/+75°C
Protection level	-V50 ≥ 300 m/s according to NATO STANAG 2920
Additional helmet accessories	Shroud, Side rails, Helmet cover, Counterweight, Ballistic visors, Neck protector, Half mask

Ballistic Protection

HELMETS

BK-R-2021

BK-R-2021 s multifunctional ballistic helmet. The helmet was specially designed and developed to maximize the protection of the whole head with ballistic of RIOT visor and ballistic or RIOT neck protector. Side rails and inside equipment are attached with antiballistic stainless-steel bolts to eliminate all potential weak points and possibility of secondary fragmentation. The main feature is one size shell which can cover the head sizes from 52 to 64 thanks to the special inside equipment and regulation chin strap. Neck protectors and visors can be easily assembled and disassembled on the helmet without any special tools. On the sides are hooks for attaching protective gas mask, making it the perfect helmet for RIOT control operations. BK-2021 is fully adaptable to the needs of the field against various types of threats



Technical specification BK-R-2021 type

Helmet type	BK-R-2021 type
Helmet size	UNI, size
Head size	52-64
Temperature resistance	-40°C/+75°C
Protection level	-level II according to NIJ 0106.01 - level IIIA according to NIJ 0108.01 -level IIIA according to NIJ 0101.06 - level IIIA according to NIJ 0101.04 -V50 ≥ 650 m/s according to NATO STANAG 2920 -Level III according to VPAM HVN 2009 9x19mm, 357 SIG, 357Mag, .44Mag, Tokarev 7,62 Complete RIOT configuration, Complete Ballistic configuration
Bullet proof calibers	
Additional helmet accessories	

Ballistic Protection

Key Features

- Various helmet sizes: S,M,L,XL and for PK ELITE and BK-R-2021 Uni size
- Weight: Depends on helmet version and helmet size
- High production capacities
- 70+ countries in service
- Tailor made solution
- 800 helmets/day
- All weather color – tailor made
- New materials

Applications

- Special Forces
- Military
- Police
- Counter Terrorism
- Search and rescue operations





Ballistic Protection

VESTS

Tactical vests

Tactical ballistic vests have primary purpose in protecting END User. They also can be used as customizable platforms for carrying essential tactical accessories, tools, gear and add-ons in tactical missions.
They are constructed from high-quality, rugged materials such as polyester or Cordura. Tactical ballistic vests provide excellent durability and resistance to tearing, water and hard tactical wearing conditions. Most of the military and police tactical vests are intended to be worn over the garment.
They provide ergonomic comfort for the END User. Tactical ballistic vests provide crucial role in assisting law enforcement officers and military personnel in safely carrying their high-risk duties and operations.
Most of the models provide ballistic protection from Level II-NIJ 0101.06 up to IIIA NIJ 0101.06 and level IIIA++ NIJ 0101.04. Sizes range from S to 4XL, depending size chart available for interested parties and potential customers.



Key Features

- Various sizes: S to 4XL
- High production capacity
- Combat tested
- Tailor made solution
- Durable and tear resistant
- All weather
- Colour - Tailor made
- New materials – UHMWP/Aramid Combination

Applications

- Military
- Special Forces
- Police
- Counter Terrorism
- Reconnaissance tasks, demining
- Search and rescue operations
- Tactical & Special Agents



Technical specification

Vest size	4 size models
Weight	1,8 to 10 kg range - depending on requirements
Temperature resistance	-55/+75 Celsius
Protection level	NIJ level IIIA level, NIJ 0106.01
	Level II-NIJ 0101.06
	Level IIIA++ NIJ 0101.04. Level IV
Shapes	Single Curve, Multi-Curve
Valid Protection from	7.62x51mm AP, 7.62X39mm AP, 7.62x54mm API, 5.56x45 mm (SS109),
	7.62x54R B32, 7.62x63mm AP – 30.06 M2 AP
Tactical vest plate models	Soft armour plates, hard armour plates,
	concealed vests
Additional Accessories	Plate carriers













VI Personal Clothing System/Kit

Soldier clothing kit based on customer needs

Personal Equipment

CLOTHING SYSTEM

Head-to-toe solutions

From head to toe, Croatia offers a comprehensive range of high-quality gear designed to meet the demands of modern warfare. In providing offer to our valuable customers, Agencija ALAN is focusing on offering complete soldier equipment kit solution that is customized according to customer needs and designs tailored to the unique needs of military operations.

Every piece of presented soldier equipment is rigorously tested to meet the highest standards of quality and reliability, and is part of standard uniform kit of Croatian Armed Forces and police forces.

From tactical vests and helmets to combat uniforms and boots, we are offering and delivering complete solutions in soldier equipment and clothing, designed and developed according to Customer needs.

Range of products

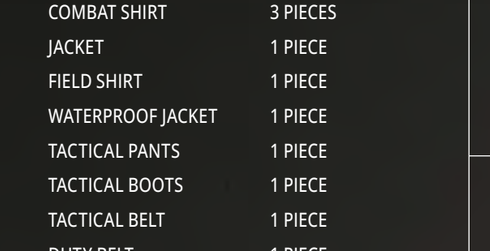
- Apparel
- Pouches
- Belts
- Backpacks
- Vests
- Holsters
- Accessories
- Medical kits
- Footwear
- Headwear
- Protective masks
- Camouflage fabric

Technical specification:
For more info contact us via e-mail or find additional data on our website www.aalan.hr

SOLDIER CLOTHING KIT
Complete Solutions

ITEM	QUANTITY
LONG SLEEVE SHIRT	3 PIECES
COMBAT SHIRT	3 PIECES
JACKET	1 PIECE
FIELD SHIRT	1 PIECE
WATERPROOF JACKET	1 PIECE
TACTICAL PANTS	1 PIECE
TACTICAL BOOTS	1 PIECE
TACTICAL BELT	1 PIECE
DUTY BELT	1 PIECE
HAT	2 (WINTER/SUMMER)
TACTICAL UNDERPANTS	5 (2 WINT. + 3 SUMM.)
BALISTIC HELMET	1 PIECE
HELMET COVER	1 PIECE
SOCKS	6 (3 WINT. + 3 SUMM.)

*All kit - in custom camouflage scheme



protective masks





VII Vehicles

UGV / UAV

UGV

Croatia has developed capabilities in heavy-duty robotic & autonomous systems that protect human lives and property in dull, dirty and dangerous environments, known to first responders, primarily in Military Engineering, Demining, CBRN, Counter-Terrorism, and Emergency Response.

After Croatian Homeland War we have developed capabilities in humanitarian demining and we can proudly say that **Croatian made technology, expertise, and man power cleared most of the Croatia from mine fields and UXO's**.

We have now developed reputation and **we can provide complete and trusted solutions in humanitarian demining to our partners and customers**. In this area, **more than 500 robotic systems have been delivered to 40+ countries globally: that means that we are covering 70% of World market** in some analysis.

UAV

Segment of UAV in Croatia represents latest development in modernization and capacity of Croatian Armed Forces and Police Forces.
Numerous small manufacturers are currently present in this perspective product portfolio.

Croatian manufacturers specializes mostly in segment of small latitude and medium latitude drones. We have history and tradition of using drones during Homeland War in Croatia for purpose of reconnaissance missions.
From foldable FPV drones to mini size vector UAS, and light reconnaissance drones we can offer variety of tailor made solutions in UAV segment.

UGV Unmanned Ground Vehicles

MV2

Compact EOD Robotic system – HONEY BADGER

The MV-2 is designed and developed as an answer to continuously developing threats, in both humanitarian and combat environments.

Based on customers' needs worldwide, its features merge small dimensions, great power and manoeuvrability which makes MV-2 a perfect system for use in harsh terrains with difficult access.

The MV-2 can be easily moved by different means of transportation in a simple and inexpensive way and without need for special permits or escort.



Length	3515 mm
Width	1742 mm
Height	1315 mm
Weight	2500 kg
Engine type	Hatz
Engine power	55 kW / 75 HP
Engine torque	260 Nm @ 1600 rpm
Fuel consumption	8 - 12 l/h
Demining capacity	Up to 1150 m²/h
Ground pressure	0,29 kg/cm²
Transport speed	4.5 km/h
Operational speed	0,5 - 1 km/h
Longitudinal gradeability**	30°
Side slope capability**	30°
Fording depth	16 cm

Key Features

- Air and road transportable
- Remote control capability
- Situational awareness-advanced video system
- Day/night operation
- Extended EOD capabilities
- Mult mission capability
- Off/on road mobility
- Full body protection
- Self-recovery capability

Applications

- Mechanical Ground Preparation & Demining
- Mechanical Technical Survey & Clearance
- Deep Interrogation Tasks
- Mobility / Counter Mobility
- Reconnaissance & Surveillance Tasks
- Digging Tasks
- Route Clearance
- Breaching Tasks
- EOD Tasks in C-IED

UGV Unmanned Ground Vehicles

MVF-5

Emergency Response Robotic System – TUSK

The MVF-5 is multi-mission, heavy-duty, robotic system for emergency response. It serves first responders to execute tasks in the harshest, most demanding and life threatening conditions.

The primary objective of the MVF-5 is fire extinguishing in extreme conditions, in inaccessible areas of high risk, clearing roadblocks and debris without direct threat to operators.



Length (excl. attachment)	5750 mm
Width total (transport/overall)	2280mm/2315 mm
Height	2320 mm
Weight (excl. attachment)	16000 kg
Engine type	Perkins / Caterpillar
Engine power	186 kW | 250 HP / 205kW | 275 HP
Engine torque	1050Nm@1400rpm/1257Nm@1400rpm
Fuel consumption	25 l/h
Demining capacity	2500 l
Ground pressure	500 l
Transport speed	0,84 kg/cm²
Operational speed	11 km/h
Longitudinal gradeability**	30°
Side slope capability**	20°
Fording depth	80 mm

Standard configuration with gripper tool, ** depending on the ground

Key Features

- Multi mission capability
- Air, sea, and road transportable
- Detection capability
- Self-cooling capability
- Fire extinguishing.
- Self-recovery and pulling
- Extended and flexible reach
- Situational awareness
- Day/night operation
- Mult mission capability
- Off/on road mobility
- Body protection

Applications

- Survey & Reconnaissance
- Obstacle Removal on Path of Intervention
- Firefighting
- Rescue Support Operations
- Hazmat/CBRN
- Logistic Support

UGV Unmanned Ground Vehicles

MV4

Multl mission EOD Robotic System – Scorpion

The MV-4 is one of the world's best renowned light category mine clearance and EOD robotic systems.
Its low profile and robust structure makes it resistant to all AP mines detonations and UXOs of similar intensity.

It can also sustains AT mine explosions. MV-4 is the only mine clearance and EOD robotic system in its category that has proved its efficiency in real combat environment.



Length (excl. attachment)	4635 mm
Width (excl. attachment)	2030 mm
Height	1740 mm
Weight (excl. attachment)	6120 kg
Engine type	Perkins
Engine power	186 kW / 250 HP
Engine torque	1050 Nm @ 1400 rpm
Fuel consumption	15-25 l/h
Demining capacity	Up to 1400-1800 m²/h
Ground pressure	0,59 kg/cm²
Transport speed	7,15 km/h
Operational speed	0,5 - 1,26 km/h
Longitudinal gradeability**	36°
Side slope capability**	30°
Fording depth	300 mm

Key Features

- Air and road transportable
- Remote control capability
- Situational awareness-advanced video system
- Day/night operation
- Extended EOD capabilities
- Multl mission capability
- Off/on road mobility
- Full body protection
- Self-recovery capability

Applications

- Mechanical Ground Preparation & Demining
- Mechanical Technical Survey & Clearance
- Deep Interrogation Tasks
- Mobility / Counter Mobility
- Reconnaissance & Surveillance Tasks
- Digging Tasks
- Route Clearance
- Breaching Tasks
- EOD Tasks in C-IED

UGV Unmanned Ground Vehicles

MV10

Heavy Duty EOD Robotic System – Bison

The MV-10 is the only robotic system in the world with double tool: front-positioned flail tool followed by a rear tiller. It is the only demining system in its class that has been verified in the real combat situation.

Furthermore, due to its high engine power and supreme explosion resistance, the MV-10 presents the strongest system in its category.

The MV-10 is the only robotic system in the world with double tool: front-positioned flail tool followed by a rear tiller. It is the only demining system in its class that has been verified in the real combat situation.



Length	8075 mm
Width	2970 mm
Height	2330 mm
Weight	~20920 kg
Engine type	Caterpillar C18
Engine power	571 kW / 766 HP
Engine torque	3495 Nm @ 1400 rpm
Fuel consumption	25 - 50 l/h
Demining capacity	Up to 4000 m²/h
Ground pressure	0,65 kg/cm²
Transport speed	7 km/h
Operational speed	0,5 - 3 km/h
Longitudinal gradeability**	37°
Side slope capability**	25°
Fording depth	80 cm

Key Features

- Air and road transportable
- Remote control capability
- Situational awareness-advanced video system
- Day/night operation
- Extended EOD capabilities
- Mult mission capability
- Off/on road mobility
- Full body protection
- Self-recovery capability

Applications

- Mechanical Ground Preparation & Demining
- Mechanical Technical Survey & Clearance
- Mobility / Counter Mobility
- UXO Clearance for shooting ranges
- Route Clearance

UGV Unmanned Ground Vehicles

MV3

COUNTER TERRORISM ROBOTIC SYSTEM - prototype

The MV-3 is a multi-mission vehicle intended for support in counterterrorism, hostage release operations and social unrest crisis missions.
Counter-terrorism interventions pose significant threats to tactical teams due to limitations of personal ballistic protection.

MV-3 gives the advantage of using the system with or without the tactical team, allowing flexibility and modular approach without putting tactical members in danger



Length	4700 mm
Width	2500 mm
Height	3450 mm
Weight	6800 kg
Operational speed	8 km/h
Protection level (ballistic shield)	NIJ 0101.06 Type IV
Track Width	400 mm
Ground Pressure	0,5 kg/cm2
Ground Clearance	225 mm
Battery pack capacity	36 kWh
People carrying capacity	8 people
Payload	700 kg
Storage box dimension (inside)	160 cm x 84 cm x 28.5 cm

Key Features

- Remote control capability
- Rear exchangeable tools
- Storage box
- Situational awareness /advanced video system
- Distraction of perpetrators
- Increased fire power
- Full front ballistic protection
- Front exchangeable tools
- Mult mission capability
- Off/on road mobility
- Full body protection
- Quick coupler

Applications

- Possible Tactical Utility without Tactical Team
- Possible Tactical Utility with Tactical Team

UGV Unmanned Ground Vehicles

RM3

MINESWEEPER

The RM03 demining machine is a heavy demining machine with a total mass of 21 tonnes, and with a 500 hp (380kW) engine provides a 300 mm cleaning depth.

A remotely controlled demining machine, designed for mechanical cleaning of mine contaminated fields by removing all types of vegetation (low, medium and high), processing II-V soil category (breaking, digging and milling) and by destroying all types of antipersonnel and antitank mines (activating, breaking and milling).

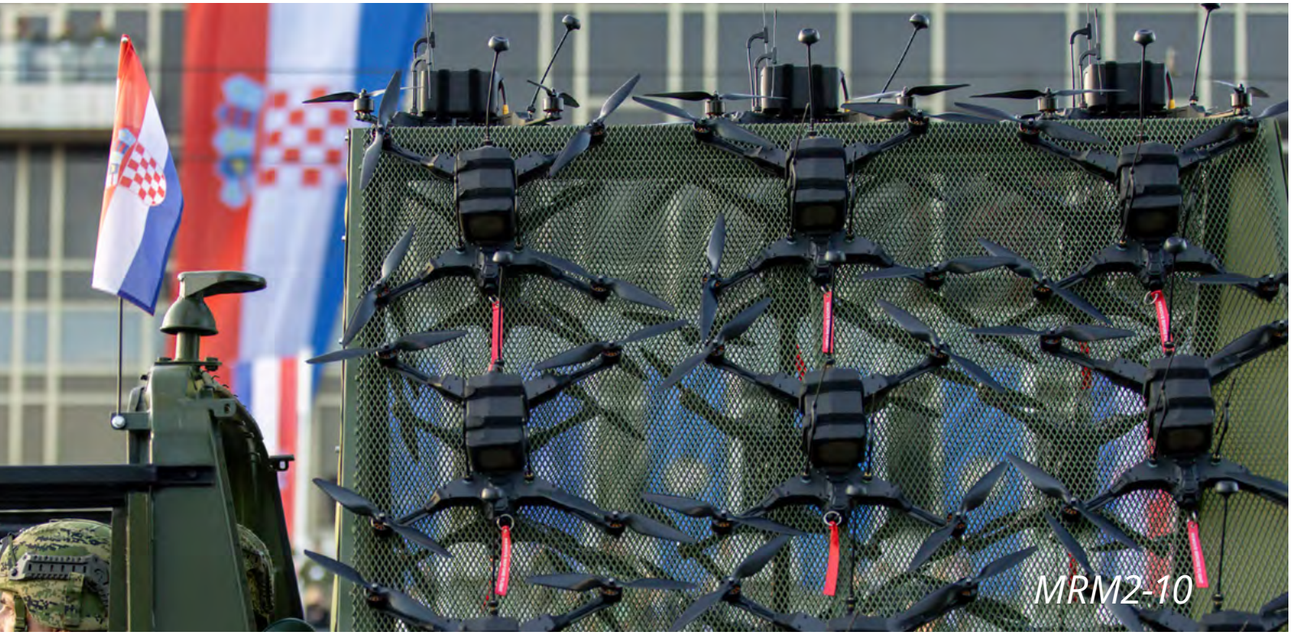


Machine	
LxWxH	7100x3450x2300 mm
Width (transport position)	2 500 mm
Height (transport position)	3 150 mm
Track gauge	2 300 mm
Surface pressure	0.72 kg/cm
Total weight	21 t
Engine	Cummins QSX15 - A type,
	diesel engine, water
	cooling
Power	380 kW @ 1 800 rpm
Fuel consumption	35 - 90 l/h
Fuel capacity	800 l

Working tool - rotating flail	
Width	2500 mm
Number of chains	36 pieces
Length of chain	up to 400 mm
Rotation speed	up to 600 rpm
Functional Characteristics	
Traveling speed	up to 5 kmph
Working speed	0.3 to 1.2 kmph
Maximal gradient	35 °
Maximal side slope	25 °
Turning raduis	on its own axles
Productivity	2
Depth of digging	up to 3 000 m /h
Types of mines	depending of soil type
	up to 300 mm
	all anti-personnel (AP)
	and anti-tank (AT)

Applications

- Demining
- Breaking, digging, milling





UAV Unmanned Aerial Vehicles

MRM2-10

Light-weight multi-role FPV multicopter UAV. Fully NDAA compliant

MRM2-10 is a light-weight multi-role First Person View (FPV) multicopter UAV, designed and built for versatility, effectiveness, and cost efficiency.
Depending on the model, MRM2-10 comes either with an EW-resilient IRONghost control link radio operating on licensed sub-GHz bands, or with a 2.4GHz Ghost control link radio operating on an unlicensed ISM band. All versions are equipped with a 5.8GHz analog video transmitter.
Built around a robust 10” prop airframe, the MRM2-10 strikes a fine balance between vehicle form-factor, payload capacity, and range. Thanks to the IRONghost control link, the MRM2-10 can achieve unparalleled range with best-in-class EW performance



Features and Specifications

- Robust carbon fiber body and arms
- Prop disc separated to clear larger payloads of up to 3.5kg, with correct center of gravity placement
- 30x30 F405 FC with Betaflight, Ardupilot, iNav, and PX4 options
- 30x30 60A ESC with AM32 firmware
- Analog video transmitter operating on ISM 5.8GHz band
- C2 link options: EW-resilient dual sub-GHz IRONghost or ISM
- 2.4GHz band Ghost
- Optional GPS, with integrated magnetometer, and auxiliary barometric altimeter
- MAVLINK support and ATAK integration with Orqa Tac.Ctrl tactical controller
- Foldable 5.8GHz video transmitter antenna, mounted clear of battery and payload

Motors	2814, 880kV
Battery	22.2V 7000mAh 6s 95C LiPo (868g) (sold separately)
Frame weight	478g
Flight time	~29 mins w/o payload
Est. Range	up to 30km without payload, LOS
	up to 20km with 1.2kg payload, LOS
	up to 19km with 1.5kg payload, LOS
	up to 15km with 3.0kg payload, LOS

Applications

- Special Forces
- Military
- Police
- Counter Terrorism
- Reconnaissance tasks
- Search and rescue operations

UAV Unmanned Aerial Vehicles

MRM1-5

Robust multi-role 5 ” drone

The MRM1-5 is a robust multi-role platform designed to handle demanding scenarios where durability is essential. As a training platform, it supports all the necessary steps required for the most rigorous training operations. As a small payload delivery system, the multirotor is capable of carrying up to1 kg payload >5 km. As a kinetic tool, it can breach windows and similar materials, and may also be deployed as a kinetic weapon when needed.
This version uses the IRONghost control link radio, operating on licensed sub-GHz bands, along with a 5.8 GHz analog video transmitter. Thanks to the IRONghost system, the MRM1-5 achieves exceptional range and best-in-class electronic warfare (EW) resilience
This variant employs a 2.4 GHz Ghost protocol for control, paired with a 5.8 GHz



Features and Specifications

- Robust carbon fiber body and arms
- 30x30 F405 FC with Betaflight, Ardupilot and iNav options
- 30x30 60A ESC with AM32 firmw are
- Analog video transmitter operating on ISM 5.8 GHz band
- EW -resilient dual sub-GHz IRONghost
- ISM 2.4 GHz
- GPS
- MAVLINK support and ATAK integration with Orqa Tac.Ctrl tactical controller
- Motors: 2408 2200k v
- Propeller size 5”
- Orqa Justice FPV camera with 4:3 / 16:9, swit chable aspect ratio, 1200T VL

Battery	P50B 4S1P Li – Ion
Weight	Without battery: 562g ISM/590 g EW
	Battery weight: 321 g
Maximum speed	130 km/h without payload
	60 km/h 1 kg payload with 4S2P battery
Flight time	>15 mins without payload
Frame weight	10 mins with 1 kg payload with 4S2P battery
	Este range: up to 15 km without payload (EW)
	Up to 7 km 1 kg payload with 4S2P battery

Applications

- Special Forces
- Military
- Police
- Counter Terrorism
- Reconnaissance tasks
- Search and rescue operations

MRM2-10





MRM1-5





VIII Surveillance & Communication

Advanced communication for soldier survivability and operations

Surveillance

Dragon 640 TL/TD/TV

Thermal imager

Dragon is world's lightest thermal imager with advanced ergonomic design, medium range, new high resolution, and extra high sensitivity ensuring superior image quality and sensor sensitivity for rough environment.

Dragon can locate point of interest with LRF in the 2 km range and acquire its coordinates, azimuth and elevation and have quick transformation into wireless remote control stationary system with tripod and remote-control unit.





Technical specification

Resolution	640x480 px
Detector pitch	17 µm
Lens	TL-75mm F1.3TD–75mm
	F1.0TV –100mm F1.4
Frame rate	9 / 25 fps
Export restricted	25 fps only
NETD	<40mK
Switch-on time	3 sec
Environment	Cert.to IP67/MIL-STD-810F
Automatic Calibration	Yes
Temperature range	-25° to +55°C
Zoom Continuous	up to x8
Polarity	W/B/C
Focus	Electronic Focus
Covert/Standby Mode	Yes

Display Type	Dual LCD/Oled 800x600
Video Out	Composite PAL/NTSC)
Remote Control capability	Yes
Power / Battery Life	Rechargeable Battery 7,2V, (7-10h)
External Power	9-36V DC
Weight net / with battery	1150g/1450g
OPTIONS	OPTIONS
Built-In LRF	905/1550nm, 2 km range
Built-In DMC	Auto/manual calibration
Built-In GPS/GLONASS	Yes
Built-In Video recorder	PAL/NTSC, Compression H.264, 64GB
Built-In CCTV	Zoom 36x
Remote control unit	Wire, Wireless (WIFI Aand 3G)
Built-In Laser pointer	Up to 2km

Communication

TAKRAD

Tactical lightweight communication system

Personal radio for a modern day soldier with a superior SDR architecture, robust mechanical design and advanced electronics.

Except for internal communication, TAKRAD offers detailed information on the location and physical condition of the soldier. TAKRAD also automaticly recognizes dengerous situation (SOS–Man Down Alert).

This mission oriented radio ensures proprietary protocols – no GPS needed for sync., ensuring real radio silence, easy custimizable product field tested. Used by Croatian Military forces with wide variety of periphery – NATO rail BT PTT.







Technical specification

UHF Freq.Range	225 to 450 MHz (other on request)
UHF RF Bandwidth	12.5 kHz, 25 kHz, 100 kHz, 500 kHz or 1.2 MHz
Presets	16 highly customized presets
Modulation	constant envelope phase modulation (FSK, GMSK)
Voice	dual-net, unlimited listeners, High priority interrupt,
Data	simultaneous data & voice up to 1 Mbps through the air
Location	embedded GPS with automatic Position Location
	Information (PLI) and anti-jamming/spoofing detection
Audible HMI	language customizable w.presets, channels, battery status
Graphical HMI	tactical handheld device graphical control,
	Situation Awareness (SA), messaging over 2.4 GHz SDR
Battery	rechargeable Lithium-Ion, <14-hour lifetime
Architecture	software defined radio (SDR)
Encryption	certified 256-bit Advanced Encryption Standard (AES)
	hardware engine, keyfill over RS485 interface

Key Features

- Double ind. Software Defined Radio (SDR) architecture
- Secure embedded AES 256-bit encrypted voice, data and situational awareness for high mission effectiveness
- Integrated GPS receiver and accelerometer for automatic Position Location
- Smart SOS/MAN DOWN detection
- Dual Push-to-Talk with dual-net function for easy integration with upper echelon network
- User-defined customizable waveforms and functionality
- Full aluminum body ensures durability & radio performance
- Up to 7 networks on the same frequency channel



INTRO

Cyber attacks and warfare have become important war domain in armed forces all over the World. This segment in Croatia also represents important domain in Croatian Armed forces and Ministry of Interior.

ICT Sector is strongly developed in Croatia and we have potential to offer numerous complex solutions that can protect networks and sensitive data.

VIII Cyber Warefare

Cyber Warfare

ICT solutions connected to protection of network systems and grids are usually tailor made based on the specific need of individual customer.
Agencija ALAN can provide you with best solutions that are Croatian based and product of long-standing experience in developing and delivering complex network solutions to various Customers.

Services that we are providing through our partners are all tested in real environments and systems, while companies that provide solutions in partnership with Agencija ALAN and their employees all went through security clearance and are able to work with

Classified Information level:
SECRET per EU/NATO
TOP SECRET per Croatian Classification level

Applications

- Military
- Police
- Counter Terrorism
- Data Centre Infrastructure
- IT Network security solutions
- Monitoring systems
- Lawful communication interception
- Common Operating Picture
- Situational awareness
- Decision Support Systems

Tailor made cyber security solutions

- Data Centre Infrastructure
- IT Network security solutions
- Monitoring systems
- Lawful communication interception
- Common Operating Picture
- Situational awareness
- Decision Support Systems

For more info contact us via e-mail and state your specific demand in cyber warfare domain.

CYBER WARFARE

HyperBUNKER

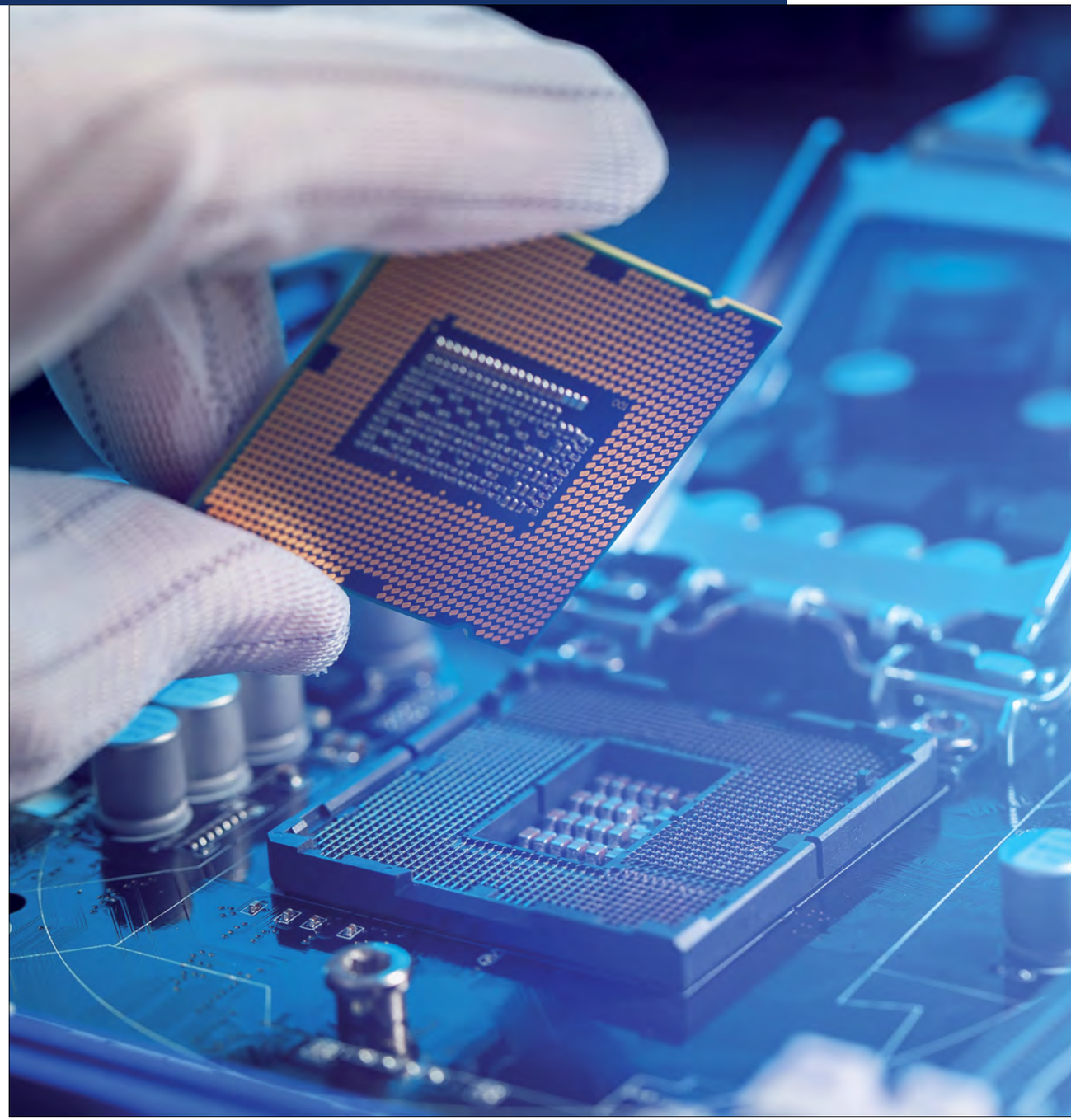
PHYSICAL DISCONNECT · OPERATIONAL RECOVERY

Cyber-security product offering 100% ransomware & hacker data protection. It protects critical data and system configurations in a physically isolated, offline vault, lacking network credentials, domain-controller dependency, identity services or exposed management interfaces. Data in HYPERBUNKER is unvisible and untouchable to any attacker. A utility patent has been granted (USA, Croatia), and it provides fully automated double air-gap protection during backup & restore, enabling same-day recovery. The only safe "island" for your critical data. Designed for defence, utilities, manufacturing, OT, data centres and critical infrastructures.



Technical specification

Form Factor	2U Rackmount
Storage Capacity	5x1 TB · 5x4 TB · 5x8TB industrial-grade SSDs
Data Interface	USB 3.0/3.1 (USB-C), 1GbE via HB Link
Power Supply	100-240V AC, redundant configuration
Cooling System	Active fan with noise reduction
Control Interface	LCD active touchscreen display
OS Compatibility	All major operating systems
Authentication	Passwordless Zero Trust
System Monitoring	Real-time status with remote monitoring capability
Alert System	Email alerts for failure, intrusion, thermal events
Stored Copies	4 versioned, timestamped copies on cold discs, powered off between uses; no autostart, no autorun; no operator-facing delete
Tamper Response	Lockdown plus 90 dB alarm
Data at Rest	Encrypted on device
Origin	Designed in Croatia, produced in EU — EU and NATO member states





X Support Program

ARMY TENTS / PLATFORM UPGRADE

Support Program

Our offer in segment of Support Program perceives numerous logistic and special design and special purpose products that could be offered to the Croatian and World security and defence stakeholders.
The offer extend to fire engines and commercial vehicles, cisterns for the transport of drinking water, containers and trailers for transporting equipment in rescuing during natural disasters, command and communication vehicles and a series of other aluminium and steel products and structures.
With our trustworthy partners we tend to contribute and support the modernisation and capabilities of civil defence and security forces.

We can offer customized commercial upgrades, in particular upgrades for vans and various upgrades for transport of beverage with or without hydraulic loading ramps.
Other types of upgrades are also offered for road freight vehicles: refrigerator cars, hydraulic loaders, tanks for the transport, special purpose trailers, etc.
Various different structures made of inox, aluminium and black steel with the possibility of producing hot galvanising or lacquering surface protection pursuant to the buyers' requests can also be offered.

ARMY TENTS

Support program

Agencija ALAN offer numerous support programs for military or police purposes. Army tents are important part of this program.

This specific product portfolio represents dealing and partnership with companies specialized in technical textile. Capabilities of processing the technical textile allows manufacturing various covers for military equipment and weapon systems.
Numerous tents variations are at disposal and can be fitted according to customer needs. Tents suitable for accommodation of 10 bunk beds for a total of 20 soldiers.

Military shelter system SV 6-10 can be supplied as set with aluminium construction, multi-layer thermo-stable cover, heating and cooling unit, lighting system and floor system.
Certain covers are used for protection of truck superstructures and PVC tarpaulins in accordance with German Armed Forces technical requirements TL 8305-0253.

In production of covers for military equipment and truck tarpaulins Sattler Polyplan Military PVC and Sattler Polyplan Military NATO German Edition are being used PVC tarpaulin covers for various military equipment and weapons systems.

We can also offer MURO (“Mobile Universal Re-assembly Object”). MURO can be used at various locations, transportation requirements are limited to SUV or larger vehicle.

MURO is seemingly ordinary trailer, however once deployed at a location it takes only 5 minutes to assemble the trailer and utilize 50 square meters of closed area. MURO is equipped with hydraulic system which makes assembly and re-assembly fast and easy.







SV 6-10/17

Military shelter system

Military Shelter System SV 6-10/17 can be supplied in a kit consisting of an aluminium construction, a military tent three-layer PVC cover, a heating and cooling unit, a robust LED lighting and a flooring system. Military tent three-layer PVC with reduced infrared signature, high tensile strength and fire retardant.

SV 6-10 uses Four-layer windows in their deployment:
1. protective cover
2. anti mosquito net
3. flexible glass
4. thermal isolation



Key Features

- PVC tarpaulin covers for various military equipment and weapons systems
- Tent kit using aluminium construction
- Military tent; three-layer PVC cover
- Custom made and fitted (heating and cooling units, LED lightning, various flooring)
- Reduced infrared signature
- Fire retardant
- High tensile strength

Technical characteristics

- Dimension: 32.48ft (L) x 19.98ft (W) x 10.01ft (H)
- Other dimensions: optional according to Customer needs
- PVC tarpaulin covers for various military equipment and weapons systems
- Tent kit using aluminium construction

Applications

- Military
- Police
- Civil protection
- Support and Logistic
- Natural disasters and catastrophes

SPECIAL PURPOSE CONTAINERS FOR SAR OPERATORS

SAR Operators

In our vast offer, we are free to present Special purpose containers for Search and Rescue operations that are part of Civil protection forces of Ministry of Interior of Republic of Croatia.

Containers are of special design and can be used for storing kits for SAR operations, firefighters, or even special purpose units of Military forces.





Max. Length	6,9 m
Max. Width	2,55 m
Max. Height	2,5 m
Mass of empty container	4500 kg
Max. Mass of filled Container	11 000 kg

Key Features

- Multipurpose and multifunctional transport road container for a hook loader made in
- accordance with the standards for transport equipment used for rescue Possibility of installation of various equipment for rescue in floods, earthquakes etc.
- Container is designed to be transported by 3 three axles truck and load capacity of 14 tonnes with a hook loader for roll containers.
- There is also possibility of lifting with a crane on four hooking points on the roof
- Steel structure covered with aluminium sheet metal
- Roof and floor made od anti slip corrugated aluminium sheet metal
- Swing wall doors on the sides enable additional useable space – lower side has a functionality of a porch and the top is a roof extension
- Possibility of installation of an electric generator for supplying internal and external consumers

Applications

- Police
- Search & Rescue
- Civil Protection
- Natural Disasters Kits
- Military – protecting infrastructure
- Special Purpose





SANDBAG FILLING MACHINE

Filling machine

Why to use your security forces and man power to fill bags in case of emergency or critical situations (natural disasters – floods, or war), when machines can do it instead.

Sandbag filling machine is a simple design and robust sandbag filling machine which is used for protection of areas and property in flooded areas and other crisis situations.

This highly efficient machine fills bags quickly and fully exclude shovels and man power. It is made entirely from steel. Sand dosing toward the outlets is performed by worm transporters with a sand mixer. Worm transporters are driven by a hydro motor and a chain.

Filling is activated manually Outlets for sand filling are made in a way to protect the operator from a head injury during bag filling Platform on which bags rest during filling is made of a 4 mm zinc coated wire profile with a possibility of vertical adjustment.

Dimensions l/w/h	2300/1200/1900
Volume of filling funnel	1,2m3, steel 52,3 thick. 3mm
Metal protectors from sand spilling	Foldable height, 600mm
Gasoline reservoir	10l
Filling capacity	1600 bags/h
Possibility of filling bags dim.	600x400, and 500x400
Conic sand outlet	4 pieces
Gasoline motor for power	11,5 KS, 4 stroke, air cooled
Light	Light RAL 2011 Orange
Machine for sewing sandbags (platform)	Available for order





Key Features

- Bag dimensions: 600x400 mm and 500x400 mm
- Protective grid above worm transporters
- Metal folding protection from overfilling & decanting, 60cm
- Mesh protection of the drive motor on all four sides
- Protective cover above drive motor which disables sand to enter into rotating motor
- parts Telescopic stabilizers for levelling and additional safety during work, max. span 2000x2400 mm
- Machine is suitable for manipulation with a forklift on its all four sides
- LED light for the working area, charged from the machine's motor, independent of outer charging (5 light)

Applications

- Police
- Search & Rescue
- Civil Protection
- Natural Disasters - floods
- Military – protecting infrastructure
- Special Purpose

ELECTRIC VEHICLE CONTAINER

Container

New age of vehicles is coming. Electric vehicles are becoming usual means of transport on our roads and everyday life. With them there are new potential risks and hazards that could threaten our property. Due to the damage of electric vehicles, there is a high risk of re-ignition as a result of overheating of the battery even 24-48 hours after the intervention and extinguishing of the fire.

This container is used for storing and active/passive monitoring of damaged or suspicious electric vehicles for 72 hours, as well as timely intervention with localizing and suppressing a new fire if needed. After the expiration of the quarantine, the vehicle is considered safe for further operations





External dimensions (mm)	6900x2550x2100
Compatibility with a hooklift system	DIN30722
Volume	21m3
Internal dimensions (mm)	5250x2400
Monitoring	active/passive (24/7)
Equipment compartments	2

Key Features

- Complete water immersion system (B-Storz connection)
- Compatibility with a hook loader
- The possibility of loading the damaged vehicle with a winch or with a crane, depending on the situation
- A sealed chamber -prevents the leakage of potentially harmful substances
- Possibility of controlled & safe discharge of water into the waste container
- 2 equipment compartments with aluminum roller shutters and a bar lock
- Easily accessible and transparent firefighting equipment



Applications

- Police
- Civil Protection
- Traffic Control
- Special Purpose

MILITARY FOOD PACKAGES

Individual Combat Rations

Individual Combat Rations (in Croatian: IBO) represent a standardized solution for nutrition in field conditions when regular food services are not available. The IBO is a General-Purpose Individual Ration used in operations and complies with NATO standard STANAG 2937. Each IBO consists of a package of 3 separate meals and snacks that cover an individual's nutritional needs for 24 hours during routine training or operational conditions.

Products contained in the Individual Combat Ration are:

- stable under ambient conditions
- safe for consumption with a valid shelf life
- may require water for preparation some of the products
- can be eaten hot or cold.

Individual Combat Rations are developed to ensure:

- high energy value – an average of 4,250 kcal per day, adapted to soldiers' physical demands
- optimal nutritional balance – proteins, carbohydrates, fats, vitamins, and minerals in accordance with STANAG 2937
- long shelf life – 27 months under controlled storage conditions (dry and at room temperature)
- easy preparation – no cooking required, with the option of heating using a field food heater
- resistance to extreme conditions – packaging resistant to moisture, impact, and temperature fluctuations.

Each Individual Combat Ration contains products suitable for breakfast, lunch, and dinner. This includes ready-to-eat meals, meat cuts, canned fish, savoury and sweet spreads, and salty and sweet snack products for in-between meals. Additionally, it includes products for beverage preparation, bread substitutes, and basic hygiene items.

This catalogue provides an overview of available general-purpose military ration packages, their composition, and nutritional values.

High-quality, safe, and nutritionally balanced food is essential for maintaining soldiers' health and safety. It provides a reliable and stable source of energy, supports physical endurance and immune resilience, and reduces the risk of health issues that could compromise operational readiness. This catalogue presents products that meet the highest standards of quality and safety, offering verified field rations tailored to the demands of military operations.

Delivering high-quality nutrition is far more than a logistical task—it is a mission-critical responsibility that directly protects the health, readiness, and operational effectiveness of every soldier.



XI Military Surplus

Used, but not obsolete!

Military Surplus

Agencija ALAN is 100% state owned company established by Government of Republic of Croatia. One of our main duties and responsibilities that we do for Croatian institutions is sale of army stock surpluses weapons and military equipment for the needs of the Croatian Armed Forces and the Ministry of the Interior.
Based on the carefully designed procedure, after the decision of Ministry of defence of Republic of Croatia to declare certain products in service as not perspective, Agencija ALAN is the responsible for trying to sell this product to the market, according to the regulations and procedures for selling military grade products.

ADDITIONAL INFO:
Detailed specifications and information about currently available military surplus program can be found on our web site **www.aalan.hr**







Applications

- Navy
- Military
- Police
- Armed Forces
- Weapon enthusiasts
- Museums/Film productions



Agencija Alan d.o.o.
Nike Grškovića 15
10 000 Zagreb
Croatia, EU

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