



# MINISTRY OF DEFENCE MATERIAL RESOURCES SECTOR Defence Technologies Department

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## WELCOME TO SERBIA

For centuries, the Balkan Peninsula - at the crossroads of East and West - has been the stage for major civilization turning points. The territory of present-day Serbia became part of the Roman Empire in the 1st century AD, when legions founded cities such as Sirmium (Sremska Mitrovica) and Naissus (Niš), the birthplace of Emperor Constantine the Great. After the fall of the Western Roman Empire, waves of migration and frequent shifts in power shaped the region's complex political and cultural landscape.

In the medieval period, Serbia developed its statehood through intricate relations with Byzantium and Hungarian Empire. Military organization at the time relied on feudal cavalry, infantry, and fortified cities. Fortresses such as Maglič, Golubac, and Smederevo testify to the strategic importance of the area. The Smederevo Fortress, built in the 15<sup>th</sup> century as the capital of Serbian ruler Đurađ Branković, stands as the last major example of Serbian medieval military architecture. The Niš Fortress, located on the site of former Roman and Byzantine fortifications, took its present form in the 18<sup>th</sup> century under Ottoman rule and today serves as a cultural center of the city.

Fortresses across Serbia reflect the strategic significance of the region — from Roman castra to medieval strongholds and Austro-Hungarian bastions. Kalemegdan, Petrovaradin, Smederevo, and Niš are just a few sites that combine history and architecture. In the 19th century, which was the most important period in Serbian history, Serbia rose through uprisings and diplomatic efforts, gaining full independence in 1878. During World War I, the Serbian army earned international respect for its long lasting resistance to invaders and resilient defense of its territory, as well as for its latter participation in decisive breakthrough of Thessaloniki Front. In World War II, resistance was organized through multiple movements, with heavy casualties and widespread destruction.

Belgrade, the capital of modern Serbia is one of the oldest cities in Europe, and has a history spanning more than two millennia. As Roman Singidunum, it was a key military base on the Danube. Over the centuries, the city changed hands among Byzantines, Ottomans, and Habsburgs. The Kalemegdan Fortress, at the confluence of the Sava and Danube rivers, symbolizes resistance and strategic significance. Today, it blends history, museums, and scenic viewpoints, making it one of Serbia's most visited landmarks

Development of Serbia's defence industry has its deep roots. As early as the era of the Principality and Kingdom, factories such as the Technical Institute in Kragujevac (later Zastava Arms) produced rifles, cannons, and ammunition. During the 20th century, the defence

industry expanded to include aircrafts, tanks, artillery, rocket systems, and electronics. In the era of socialist Yugoslavia, Serbia led much of the military production, including the development of most complex army and airforce combat systems, establishing strong international bonds through Non-alligned movement which have been maintained to this day.

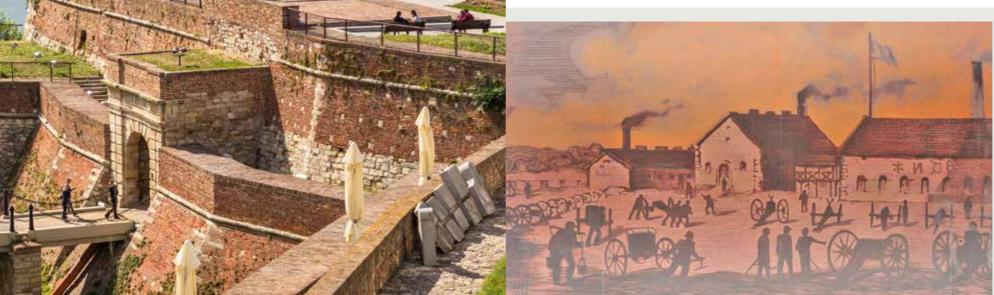
Today, Serbia's defence industry includes the production of weapons, ammunition, unmanned platforms, optoelectronics, and modernized armored systems. Serbia is among the few countries in the region with an integrated system for development and production of armament and military equipment, with growing exports to more than 100 countries worldwide.

Beyond its turbulent history and developed defence industry, Serbia is blessed with exceptional natural beauty. National parks such as Tara, Djerdap, and Kopaonik offer untouched forests, canyons, lakes, and rare species of flora and fauna. Speleological gems like the Resava Cave and thermal springs in Vrnjačka Banja make Serbia an increasingly attractive tourist destination. The combination of cultural heritage and natural wonders makes Serbia a truly unique place—where history is not only remembered, but lived.













## **GOVERNMENTAL HUBS**

**Government of the Republic of Serbia** through the Ministry of Defence and its institutions and Yugoimport SDPR strategically shapes the area of armament and military equipment R&D, manufacturing, procurement, and maintenance in order to develop capabilities of Serbian Armed Forces and other subjects of national defence system. Defence Industrial and Technology Base of Serbia is also one of the pillars of the its military neutrality policy and reperesents significant tool in building up international friendships and cooperation.

**Ministry of Defence** with its organisational units and institutions represents the main hub of national defence industry through three of its main roles:

- **Regulator** in the terms of preparation and execution of all governmental legislative acts regarding armament and military equipment production and licencing,
- Manager in the terms of planning and controlling the business of state owned armament producers which are the part of Defence Industry Group,
- **Customer** in the terms of development of capabilities of Serbian Armed Forces through procurements of the most modern equipment, with direct involvement in the phases of design, manufacturing, maintenance, modernization and disposal during the whole product life cycle.

**Yugoimport SDPR** with it subsidiaries is the main governmental hub for arms exports and imports, as well for production of complex combat systems where as integrator gathers dozens of domestic and foreign cooperants.

## MATERIAL RESOURCES SECTOR



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Material Resources Sector is a principalorganiyational unit of the Ministry of Defence that performs activities related to: research, development, production, procurement and sales of armament and military equipment, equipping of the Serbian Armed Forces and other defence forces, and planning, organizing and conducting overall public procurement for the needs of the Ministry of Defence and the Serbian Armed Forces

The Material Resources Sector performs activities related to:

- research, development, production and trade in armament and military equipment;
- mastering the general overhaul and modernization of armament and military equipment;
- planning and implementation of international military-technical cooperation;
- equipping and arming the Serbian Armed Forces and other defence forces;
- planning and organizing occupational health and safety,
- environmental protection and fire protection.

## The Material Resources Sector includes the following organizational units:

Defence Technologies Department is responsible for planning and organizing tasks related to scientific research in the field of defence technologies, armament development projects, development of technologies and capacities for research, development, production and maintenance of armament and military equipment. It also plans and organiz-

es the research development, production and maintenance of materiel, as well as spare parts needed for the maintenance. This department is also in charge in planning and organizing the system of standardization, codification and metrology

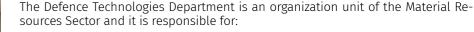
Procurement and Sales Department performs tasks related to normative activities in the domain of procurement in the Ministry of Defence and the Serbian Armed Forces, drafts procurement plans and implements them, plans and organizes tasks related to the procurement of goods and services and the sale of movable assets for the needs of the MoD and the Serbian Armed Forces users; organizes and carries out the sale of surplus materiel, as well as other activities in the field of procurement and sale for the needs of the Ministry of Defence and the Serbian Armed Forces.

General Logistics Department performs activities related to planning and organizing nutrition, water supply, energy supply and the provision of clothing in the defence system, quality control of quartermaster material assets produced and procured for the needs of the defence system, normative regulation and improvement of the defence resources protection system. The Military Quality Control performs activities related to drafting regulations in the field of quality assurance, quality assurance and control of movables in different phases of development, serial production, storage, exploitation and overhaul, testing, evaluation and certification of products, processes and quality management systems and other activities within the scope of work.

## **DEFENCE TECHNOLOGIES DEPARTMENT**



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- Planning, organizing, monitoring, coordinating and analysing the execution of Research & Development tasks in the area of defence technologies (research and development tasks, armament and military equipment modernization tasks and inventive activities);
- Performing task in accordance to the Law of Production of Armament and Military Equipment;
- · Analysing the development and future trends of the military industry;
- Planning, organizing and monitoring the implementation of armament and military equipment maintenance and overhaul;
- Planning, organizing, analysing and taking measures for improvement of the international military technical cooperation in the area of defence technologies;
- Participating in the elaboration of general legal acts and other documents regulating the area of R&D activities, production of armament and military equipment and international military-technical cooperation;
- Planning and organizing the systems of standardization, codification and metrology of armament and military equipment.

The Defence Technologies Department is in charge of the following military institutions:

- Military Technical Institute;
- Directorate of Standardization, Codification and Metrology and
- Technical Overhaul Institute for Ammunition "National Hero Đurđe Dimitrijević - Đura".



## MILITARY TECHNICAL INSTITUTE



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Military Technical Institute (MTI) is the biggest scientific research institution in the area of defence technologies in the Republic of Serbia that focuses on the development on new armament and military equipment. Areas of expertise include vehicles, artillery systems, aircrafts, UAV, UGS, electronic warfare systems, radars, electronic systems and contemporary materials. In almost 80 years long history MTI developed more than 1700 weapon systems and military items primarily utilized by the Serbian Armed Forces as well as by many foreign armies worldwide. MTI has 24 modern laboratories, most of which are unique in the country, some of them being rare even worldwide. MTI possesses various certificates including the one granted by the Civil Aviation Directorate for projecting civil aircrafts.

## Loitering munition OSICA

Loitering munition OSICA is a fully autonomous loitering unmanned aerial system designed for attack missions (KAMIKAZE UAV). UAS is designed to be an efficient, economical, mobile and small weight loitering munitions with capability to destroy armoured vehicle. UAS is equipped with combination of shaped charge and fragmentation warhead. With electro-optical payload it is able to detect and fully autonomously attack the target based on video tracking system.

The system OSICA consists of 4 UAS, 1 ground control station and 1 pneumatic launcher. The take-off of the LM Osica is fully automated using a lightweight pneumatic launcher.

LM Osica is equipped with flight control computer that was developed in the Military Tecnical Institute. Also, LM Osica has the possibility to execute a mission in cooperation or via other UAS, such as reconnaissance UAV VRABAC. UAV VRABAC gathers data about targets and sends through ground control station to loitering munitions OSICA. Based on that data OSICA performs attack.





#### **KOMARAC 2 - ATTACK DRONE**

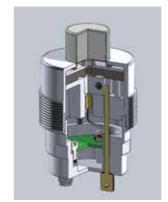
Komarac 2 is a FPV drone for single use armed with tandem charge HEAT warhead of 90 mm caliber. The system is guided manually toward the target via station and an operator has a live video feed from onboard camera. The warhead has an outer lining with small steel balls for anti-personnel and light fortification damage and destruction. The fuse of the warhead can be activated upon impact or manually at any desired moment during the flight.

## Unmanned aerial vehicle autopilot system - VTI FLIGHT COMPUTER

VTI Flight control computer is a complete modular military-grade system for multiple types of UAVs (fixed-wing, multicopter, VTOL). It is equipped with an integrated datalink (modular), dual AHRS/IMU, dual RTK GPS, IP networking communications, air-data sensors. It enables intelligent autonomous flight control in multiple modes: waypoint mission, camera guidance, hold/observation, payload drop, bombing (CCIP/CCRP), attack (terminal guidance), autonomous takeoff/landing (multiple types), manual control, as well as fault monitoring and various emergency flight modes. It can perform autonomous navigation with terrain profile monitoring (terrain collision protection), camera georeferencing (using 3D DEM or a laser rangefinder, if available) or automated targeting in bombing modes. It is integrated with internal and external simulator interfaces and has on-line (during simulated or real flight) PID tuning capabilities via the GCS.

## Electronic time-setting fuse - UET M24P1

Software defined, electronic time-setting fuse UET, M24P1 intended for completion of cumulative warhead OSA M79, or other warheads, that remotely piloted combat multirotor KOMARAC 2 is armed with. The fuse is electronic, impact-activated, with the capability for directed action selection via the drone's control unit.











#### Heavy self-propelled mortar system 203 mm

This weapon system is a self-propelled wheeled gun-mortar equipped with 203 mm mortar (thoroughly modernized and modified howitzer M65/M114 155 mm) mounted on tracked chassis 6x6. It can shoot accurately at distances from 6 to 12 km. In addition to standard projectiles, it can fire cluster projectiles, bunker buster projectiles, thermobaric projectiles or rocket assisted projectiles. For getting fire position readiness from movement it takes 45 seconds. Mortar system is equipped with fire control system which consists of INS, computers with radio-device and appropriate software





#### Modernized missile STRELA-1MS (RLN-S1)

RLN-S1 is a short - range air defence missile for protection of troops and important facilities, at the range up to 8 km and at the altitudes up to 5 km. RLN-S1 is equipped with a new solid propellant booster.

Main targets for RLN-S1 are low altitude flying objects, attack helicopters, airplanes, cruise missiles and UAVs. The passive mode of operation gives a significant tactical advantage to this system, making it hard to be detected before missile launching. Active radar mode of operation enables its usage in all weather conditions.

Performances	
Max. range:	8 km
Ceiling:	5 km
Length:	2600 mm
Caliber:	120 mm
Rocket mass:	43 kg
Warhead mass:	3 kg
Fuse:	Laser proximity/contact
Homing head:	Photo - contrast
Rocket motor:	Two stage solid rocket





## missile (TRACER)

TRACER is a reconnaissance device for surveillance and missile guidance for MANPAD systems. The system receives data from a radar, by ASTERIX protocol, and processes data up to three targets. It performs all necessary calculations, prepares data for directioning and guiding up to three MANPADS to the azimuths of the assigned targets. The system consists of three optoelectronic (OE) blocks including thermal vision camera, digital compass, inclinometer, global navigation satellite signal receiver (GNSS) and OLED screen, as well as of telecommunication subsystem and tactical computers. The OE block with a carrier is mounted to the portable air defence rocket system (Igla. Strela, Šilo, Stinger or any other). The system is operated by a commander and three shooters.

#### PASARS BOFORS

#### (MISTRAL 3+, Strela-2M, Strela-2MA, Malyutka 2T5)

PASARS – Anti-aircraft self-propelled artillery rocket system is a hybrid combat system made of anti-aircraft gun 40mmL/70

"BOFORS", integrated at the driving base of the FAP 2228 offroad vehicle, 6x6. It is intended for protection of the land forces during movement and combat actions, as well as for protection of important facilities and installations from arial attacks (cruising missiles, helicopters, unmanned aerial vehicles (UAVs), low altitude aerial vehicles).

It contains four portable anti-aircraft artillery-missile complexes:

- BOFORS antiaircraft gun 40mm L/70
- Mistral 3+. Strela-2M or Strela-2MA antiaircraft missiles
- Malvutka 2T5 antitank missile
- · Short-range radar RPS-42 and Counter UAV jammer.

## Target indicator for man portable air defence





#### Performances

Target detection range Target data refreshing MV camera resolution Operational temperature OE block weight

5500 m <18 640 x 512 pixels -20°C to +50°C 2.3 kg (with a carrier 4 kg)

· 1 655 650 1

CIRC MISS (X)









## Regional Airsurveillence/Airforce C2 System SOVA 24

## Air Surveillance Sector Operating Center

Air surveillance sector operating center represents a base component of integrated radar network. Main purpose of Air Surveillance Sector Operating Center is to acquire radar target data from all connected sensors, perform sensor fusion into unique synthetized air situation stream and automatically (or manually) perform identification of aircraft in designated areas.

Designed to support chain of command, system also includes tools for tactical situation assessment and operation planning. Integrated MIL-STD-2525c warfighting symbology combined with raster and vector geographical maps ensures efficient and user-friendly interface for units on the battlefield allocation planning. Air Surveillance Sector Operating Center has integrated software module for radar position selection and processing, generating expected radar coverage diagrams in both horizontal and vertical plane. Multiple radar objects can be defined within the system, allowing overlapped radar coverage diagrams to be assessed by command personal. Integrated threat assessment algorithms and alarms makes job much easier for decision makers within the OC.

#### Mobile Air Surveillance Center / Command Post

Mobile Air Surveillance Center represents a core component of tactical level surveillance units. By design and functionality, it is similar to Sensor Fusion Post (SFP) element of NATO ACCS concept of operation. Additionally, Mobile Air Surveillance Center provides all essential functionality for upgrade to Battalion Level C2 (Command and Control).

Mobile Air Surveillance Center is implemented inside dedicated 15 feet ISO container making it easy to integrate on various terrain truck chassis.

Designed to support chain of command, the system also includes tools for tactical situation assessment and engagement planning. Combined raster and vector geographical maps along with Digital Elevation Model (DEM) ensures efficient target and fire distribution to all subordinate SHORAD units. Mobile Air Surveillance Center has built-in software modules for threat assessment for all targets in airspace that are of interest, with regard to defended objects on territory. Integrated engagement planning algorithms and alarms, based on multi-criteria analyses, makes job much easier for decision makers within the Mobile Air Surveillance Center.





#### Counter UAV system KOBAC-1

KOBAC-1 is a multisensor mobile anti-drone system intended for detection and neutralization of short-range unmanned aerial vehicles (drones). It is mounted on a terrain vehicle and used for protection of the command sites, manifestations and facilities in limited time period. The system is equipped with MHR radar, advanced software solution intended for timely detection of numerous targets, acquisition and tracking. Besides, the system also has a radio-frequency receiver detecting communication and video link of drones in frequency range from 400 to 6000 MHz. The antenna set has omnidirectional antennas covering the area of 360° as well as 6 sector antennas. The combination of radar and sector antennas provides better effects in regard to jamming range and energy saving. The acquisition data from the sensor are additionally processed in the system by using the artificial intelligence, with the aim of classification of detected drones. The system is controlled via convenient application software. System is also equipped with jammer in frequency band from 400-6000 MHz, and there is possibility to spoof GNSS signals.

#### Counter UAV system KOBAC-2

KOBAC-2 is an electronic warfare system intended for detection and neutralization of short-range unmanned aerial vehicles (drones). The system is equipped with a radio-frequency sensor for detection and a radio jammer for neutralization of detected threats. The radio jammer effect is reflected in jamming the communication and/or navigation links. The system is intended for protection of the forces in motion. It is mounted on different versions of combat vehicles (terrain, transport, armored and similar) and the belonging antenna set enables covering the area of 360°. The system is remotely controlled by remote device or by software. Operator can select the corresponding mission.



## Combined soft/hard kill counter-drone effector

This so called "Anti-drone rifle kit" is a system for detection and neutralization of short-range unmanned aerial vehicles (drones). It consists of:

- radio-frequency sensor for detection of threats, and the radio jammer (communication and navigation links)
- · hand grenade launcher RBG 40 mm, with special burst ammunition for use against drones.

The kit can be used in motion, as electronics and power supply are placed in a suitcase/backpack. The anti-drone rifle is controlled by the application installed on the tactical phone/tablet.





## **TECHNICAL TEST CENTRE**



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**Technical Test Center (TTC)** is a contemporary research/development institution of the Serbian Armed Forces, tasked for testing and quality evaluation of all armament and military equipment to be introduced in operational use. It is also tasked for metrological security of the defence system.

The Technical Test Center is authorized for training and capacitating of the trial and test pilots and test crews.

For the testing and calibration needs, TTC has got more than 25 laboratories, the Weapons and Military Equipment Testing Center in Nikinci and the Flying Testing Center in Batajnica. The Technical Test Center is also equipped and capable of quality testing of a wide range of technical products. The Technical Test Center is the first institution in the defence system that established and certified the quality management system according to the SRPS ISO 9001, in 2001 - for the weapons and military equipment testing and evaluation, calibration and inspection of the measuring equipment for the quality testing of technical products for the civilian market.



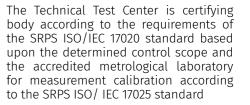












The Technical Test Center became, in 2012, also the first organization certified at the Civil Aviation Directorate of the Republic of Serbia within the aviation testing.

By Decision of the Ministry of Education, Science and Technological Development ref. 660-01-00035/2018- 14 dated May 25, 2018, the TTC was accredited as the research development institute within the technical/ technological sciences.

Based upon this decision, the Decision of Condition Fulfillment for Performing the Scientific Research Activity of General Interest was proclaimed.

All its services and expert assistance, TTC also offers to industry and international partners with a long history of successful cooperation.







# DIRECTORATE OF STANDARDIZATION, CODIFICATION AND METROLOGY

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The Directorate was established in 2010 to unify the organizational structure of standardization, codification, and metrology within the defence system.

The Directorate's Day is celebrated on July 17th in remembrance of July 5, 1863, when, based on the Law on the Organization of Military Affairs issued by Miloš Obrenović, the Artillery Administration adopted the first regulation related to standards, or technical regulations—the Administration of All Technical Institutions that comprise technical bodies. Within DSKM, after the positions of all relevant entities are harmonized, a decision is made on the adoption of standards and regulations regarding product quality.

The origins of metrology trace back to 1873 with the establishment of the 2nd Geographic Department of the Serbian Army General Staff FN 577 and the first use of measuring standards for conducting surveys. That same year, the Law on Measures was also adopted. The standardization and metrology as we know them today began to develop in the late 1960s, with DSKM serving as the main body for metrological assurance within the Ministry of Defence and the Serbian Armed Forces.

Another important functional competence of the Directorate relates to the system of marking assets with unique storage numbers. Two systems are applied—the nomenclature system, which has been in continuous use since 1959 and serves as the basis of internal material-financial accounting within the Ministry of Defence and the Serbian Armed Forces, and the international standardized codification system, which was implemented upon Serbia's accession to the NATO Codification System on May 25, 2010.

AC/135 145<sup>th</sup> Panel A Meeting - Luxembourg





Course 25000 "Drafting, production and maintanance of NATO standards"
12-16 Jun 2023, NMIOTC, Chania, Greece



Defence Standard of the Republic of Serbia number 0001



Certificate for metrological laboratory

## милан м. обреновит IV.

По милости божјој и вољи народа

књаз српски

проглашавамо и објављујемо свима и свакоме, да је нагодна скупштина решила и да смо ми потведели и потвеђујемо:

## ЗАКОН

O MEPAMA.

Општа наређења.

Члан 1

Основа је систему мера у Србији метар, који је десет милионити део једне четвртине земљиног меридијана. Прамера је овог метра, метар од платине на температури, кад се ледтопи, који се метар чува у државној архиви у Паризу.

Основна јединица мера за дужине јесте Метар; из ове се мере изводе основне јединице мера за површине и запремине.

Основна јединица мера за тежине јесте Грам, а то је тежина Кубног Сантиметра воде у безваздушном простору и на температури + 4 стотичног термометра.

AC/135 145<sup>th</sup> Panel A Meeting - Luxembourg

## **MILITARY QUALITY CONTROL**



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The Ministry of Defence as the most responsible entity for the provision of the necessary conditions for the functioning of the Armed Forces of Serbia, timely recognised the need to provide products of maximum quality, in the necessary quantities and within the approved budget. In order to perform this task, the Military Quality Control has been established, as part of the Ministry of Defence of the Republic of Serbia, within the Material Resources Sector.

The Military Quality Control is an internal organisational unit of the Material Resources Sector of the Ministry of Defence, responsible for planning, organising and quality assurance of material resources, in the MoD and the Armed Forces, in peace and war. It is an expert body in planning and organisation of inspection related work in the area of quality assurance of material resources and military weapons and equipment. The Military Quality Control ensures and controls the quality of products in all the

stages of the product life cycle, from development through serial production to final disposal of the product from the defence system.

The Military Quality Control performs tasks related to:

- assurance and quality control in the stages of development, launching, serial production, storage, exploitation and repair of products;
- testing, assessment and certification of products, processes and quality management, environmental management, safety at work, food safety and information security systems;
- · planning and development of quality assurance methods and techniques;
- participation in the implementation of international agreements and conventions related to the quality of mobile resources and the environment;
- training staff in the field of quality;
- · drafting of regulations in the area of quality assurance of weapons and military equipment.



field of certification of products, processes and integrated management systems according to the following standards:

ISO 9001,

ISO 14001,

ISO 22000.

ISO 27001,

ISO 45001,

and according to the defence system standard SORS 9000 i SORS 9423, as well as with the requirements of good hygiene practices, or better known as HACCP or Hazard Analysis and Critical Control Points, either from the third party – or at the request of the owner – user of the management system or from the second party – at the request of one of the contracting parties to carry out system verification with the counterparty.

The Military Quality Control is expert body body for quality management systems.

On June 09, 2014, the Accreditation Board of Serbia, awarded the Military Quality Control with a Certificate of Accreditation, No 08-001, as competent to perform the certification of management systems, for the following areas:

- EA4 Manufacture of textiles and textile products,
- EA5 Leather processing and manufacture of leather products,
- EA6 Wood processing and manufacture of wooden products,
- EA12 Production of chemicals, chemical products and artificial and synthetic fibres, except for the production of pharmaceuticals, medical chemicals and herbal products.
- EA14 Manufacture of rubber and plastic products,
- EA15 Manufacture of other non-metallic mineral products, except for the production of cement, lime and plaster and production of concrete, cement and plaster products,
- · EA17 Manufacture of basic metals and fabricated metal products,
- EA18 Manufacture of machinery and equipment, not mentioned elsewhere
- EA19 Manufacture of electrical and optical devices,
- EA21 Manufacture of air and spacecraft,
- EA22 Manufacture of motor vehicles, trailers and semi-trailers, Manufacture of railway and tramway locomotives and rolling stock, Manufacture of motorcycles and bicycles, as well as the production of other means of transport equipment, not mentioned elsewhere,
- EA28 Construction,
- EA29 Wholesale and retail trade; repair of motor vehicles, motorcycles, items for personal use and household goods,
- EA33 Computer and related activities,
- EA34 Research and development. Architectural and engineering activities and related technical consultancy,
- EA35 Other business activities, except for architectural and engineering activities and technical advice,
- EA 38 Health and social work.

Establishment of the Quality Management System is the way the organisation manages the quality. The concept of quality does not mean only the quality of a product or a service, but also the quality of operations (relationship with customers, suppliers, etc.) and the quality of the organisation itself (relationship with employees, resources and work culture).

The quality management system allows monitoring of all processes and activities from procurement through production to distribution and sales.

## YUGOIMPORT-SDPR



Bulevar umetnosti 2, Belgrade, Republic of Serbia

+381 11 222 4444

office@yugoimport.com

www.yugoimport.com

Yugoimport-SDPR is a state-owned company established after WWII to import military equipment and connected production technologies. Throughdecades, company gained significant experience in the trade of armaments, defencedefence equipment and technology transfers, providing G to G concept to its partners all over the world.

Yugoimport-SDPR has proven to be a reliable partner offering a long-lasting after-sales support to its buyers, including training in operation and maintenance, supply of spare parts, upgrade programs etc. In last two decades, Yugoimport-SDPR has innovated its business policy with an ambition to position itself in the future as a manufacturer of complex weapon systems and defence equipment.

#### Kev missions:

- · Serbian defence industry integrator on the global market of armaments and defence equipment,
- Developing and organizing the production of complex combat
- · Supplying the Ministry of Defence and the Ministry of Interior of the Republic of Serbia with in-house or imported complex combat systems and other materiel.
- · Customizing solutions through collaborative conceptual design to fullfill customers' needs...

In performing its first business mission of being a marketing and commercial integrator on the global defence market, from the very beginning Yugoimport-SDPR has been intensively and closely cooperating with all entities of the Serbian defence industrial technological base as well as with most famous world cooperants.

The Company's visibility on the world defence market is best reinforced through participation in the most relevant global and regional defence exhibitions organized on its target and traditional markets. Using its modern approach, means and presentation aids it represents and promotes the local industry and the entire defence complex of the Republic of Serbia. All this is in direct connection with the volume of exports and the total foreign trade turnover of Yugoimport-SDPR.

In order to improve business activities Yugoimport-SDPR has invested considerable funds to improve the business processes of some Serbian defence companies, to make jointly market-oriented and technically competitive products and services. The Management's strategic orientation is reflected not only in the newly opened manufacturing facilities for modern complex combat systems and other materiel but also in the acquisition and restructuring of the existing defence companies. This way, the Company has rounded off the entire technical and technological process, relying on its own resources.









#### ALEKSANDAR UNIFIER

## Armored wheeled vehicle

Aleksandar Unifier is the name of a family of multi-purpose tactical armored vehicles of the 4x4 drive formula, which are intended to perform a wide range of tactical tasks in the domain of internal security and military operations.

Vehicles can be used in conflicts of varying intensity, from typical low-intensity conflicts - asymmetric warfare, anti-terrorist and anti-guerrilla operations, to various categories of medium and high intensity conflicts.

The vehicle concept is based on the integration of different configurations of the superstructure-armored body, equipped with different equipment and weapons, depending on the basic mission, i.e. the purpose of the vehicle, with a universal chassis of the 4x4 drive formula with an independent suspension featuring high payload and high off-road mobility.

Depending on the configuration of the superstructure, the vehicle may be intended for: patrol operations in areas of high risk of ambushes; reconnaissance, observation and control of the territory; transportation and fire support of special operations units; anti-armor combat and short-range air defence; integration of weapon systems based on loitering ammunition, artillery and suspended missile fire support systems, artillery fire control, etc.

#### Self-propelled artillery weapon, 155 mm

This cutting-edge artillery weapon of the Serbian defence industry is the most powerful, fully automated fire support artillery weapon in cal. 155 mm with a high level of autonomy.

The weapon was made through an integration of a 155 mm weapon module on an

The weapon module is controlled from the vehicle cabin and, owing to its characteristics, can be regarded as a 155 mm RCWS. The weapon module is built around a 155 mm autofrettaged barrel assembly that is JBMOU-compliant. The barrel is 52 calibers long, with powder chamber of 23 liters. The most important component of the weapon module is a fully automatic loader with 30 projectiles and propellant charges, featuring the rate of fire up to 4 rounds per minute.

Additional 6 rounds are accommodated on the platform for automatic reloading, so the combat set comprises a total of 36 rounds.



#### RAVEN 145

## Loitering area denial weapon

This loitering area denial weapon represents a low cost and long range surveillance/strike weapon intended for real time surveillance and strike on a wide range of targets beyond the forward edge of battle area, with very powerful tandem shape charged warhead with penetrability of more than 1000 mm armored steel, behind ERA. Intended use: destruction of tanks and other armored vehicles, command posts, artillery fire positions, live force, and other moving or stationary targets, patrol boats and drones.

Range	
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Max. flying height (ceiling)

Initial mass

Load/Workload, mass

Drive

Flight powered by petrol motor

Drone dimensions

150+ km at 150 km/h (45 m/s)

2000 m

36 kg, loaded (21 kg, unloaded)

15 kg

Launching powered by a rocket motor

2.2 m Length Wing span 4.2 m Height, with booster 0.4 m Warhead (optional)

Combined (blast & fragmented), with steel balls, 130 mm

Combined (blast & fragmented), with steel balls, 122 mm

Anti-tank, tandem shape charged WH, 145 mm

· Warhead caliber: 145 mm (tandem shape charged)

· Warhead mass with fuze: 5.9 kg Mass of explosive charge (HMX): 3.2 kg · Warhead penetrability (RHA steel): > 1000 mm > 950 mm · Warhead penetrability behind ERA:

 Warhead service life: ≥ 15 years 100 % Warhead safety: · Warhead reliability:

· Warhead safety and operational criteria: MIL-STD 810G







#### LAZAR 3M

## Infantry fighting vehicle 8x8 with 30mm RCWS

Lazar 3M is an armored 8x8 wheeled vehicle designed for various applications and missions. It has a highly sophisticated, modular ballistic protection. The hull is made of armored steel and can be fitted with a spall liner. The applied ballistic protection can be tailored to the specific needs of the user and allows for application of additional state-of-the-art ballistic protection technologies throughout the vehicle service life. The vehicle floor has two levels of anti-mine protection. Lazar 3M is equipped with RCWS which integrates 30mm autocannon and 7,62 macjhinegun. With various types of ammunition (HE, AP-T) it can effectively engage targets within the 4km range.

#### TAMNAVA

#### Self-propelled multiple launch rocket system 122 mm

The 122 mm MLRS is designed as a system which has the possibility of using launch pods equipped with all versions of 122mm rockets. The 122 mm MLRS is a completely automated weapon equipped with INS and it can perform a preset mission with full autonomy.

The basic version uses disposable launch pods. The 122 mm MLRS is capable of receiving two spare 122 mm launch pods. The system is (un)loaded with a hoisting device mounted on the platform. Another option is to use reusable launch tubes.

Modularity and rigidity of the system enables also the firing of 262/267mm rockets from specially designed launching modules.







## DEFENCE INDUSTRY OF SERBIA GROUP

**Defence Industry of Serbia Group** consists of 17 majority state owned companies supervised through Ministry of Defence. In direct governmental ownership are 11 of them with 2 subsidiaries, and 4 companies are subsidiaries of Yugoimport SDPR.

The Defence Industry of Serbia Group has a long tradition of arms production with broad range of products made under various standards (e.g. ISO, MIL NATO, former Soviet standards, national defence standards...). It is integrated within serbian defence system R&D activities and with its 13.000 employees is the backbone of Serbian Defence Industrial and Technology Base.

## BELOM d.o.o.



Q Uzići bb, Požega, Republic of Serbia

+381 31 3155 731

office@belom.army

www.belom.army

**Small arms ammunition factory "BELOM"** operates within the business system of governmental company "Yugoimport SDPR" and was founded on 18th of December, 2015. by the company "BORBENI SLOŽENI SISTEMI" with an aim of organizing its own production of weapon and ammunition to 12,7×108 mm caliber. "BELOM" produces pistol and rifle ammunition for sport, for armed force and low enforcement customer segment. In order to provide high quality and well proven products, the manufacturing process is established on modern, efficient and safe equipment deployed in the new workshops which provide required working conditions and safe environment for our employees. Besides these products, "BELOM" provides complete engineering, procurements and commissioning services pertaining to small arms ammunition production and inspection.

Due to its activities and affiliation to the business system of governmental company "Yugoimport-SDPR" company "BELOM" in very short time became recognizable on the global market, as evidenced by the fact that in 2018. company "BELOM" became a member of the Association of European manufacturers of sporting ammunition (AFEMS).



















## **BORBENI SLOŽENI SISTEMI d.o.o.**



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www.borbenislozenisistemi.rs

Borbeni složeni sistemi - BSS (eng. Complex Combat Systems) is an affiliate company founded by Yugoimport-SDPR. The main role of BSS is to produce contemporary combat systems and platforms from the wide product range of Yugoimport-SDPR.

In terms of the basic tactical-technical characteristics, the BSS products are fully competitive compared to the products of the leading manufacturers abroad. In last decade, the company produced dozens of major land systems for Serbian Armed Forces, significantly boosting up their combat, maneuver and protection capabilities. Products of BSS are

well recognized by many partner countries and chosen by them in tough competition with some of the biggest world producers.

The products of BSS incorporate the newest domestic and foreign solutions and subsystems which guarantee relialable and easy use. They can be customized to satisfy the standards and requests of any, even most demandable, client.

BSS products ensure a much easier and more cost effective exploitation, maintenance, and later modernization of the equipment, with reliable aftersale assistance during the whole product life cycle.





















## **CORUN HOLDING d.o.o.**



Miloša Obrenovića 2, Užice, Republic of Serbia

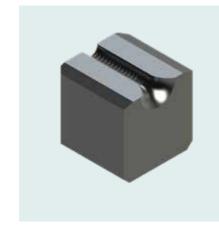
+381 31 563 344

office@corun.rs, sales@corun.rs

www.corun.rs

The company **Corun Holding doo** was founded in 1983 as a manufacturer of hard metal tools, primarily indexable inserts, holders and milling cutters. However, decades of experience, investment in the development of new products and accession to the Defence Industry of Serbia led to the expansion of the production program, which today consists of:

- · indexable carbide cutting inserts
- turning holders, milling cutters, drills and special holders
- picks for asphalt and drill crowns
- hard metal dies for forging and calibration
- other hard metal products for the civil sector
- cutting tools and hard metal dies for military industry
- weapon components and other dedicated hard metal products
- PVD coating of tools and parts









Our program of indexable inserts with the production of turning holders, milling cutters and special holders covers all types of conventional machining such as turning, milling, drilling, threading, parting and grooving. A separate part of the tool offer consists of railway cutting tools, indexable inserts for weld removal by steel pipe production, and inserts for cylindrical bars peeling. With this primary production program, we cover the needs in mechanical engineering, the automotive industry, maintenance of processes and production equipment, ironworks, oil, pharmaceutical, food and energy industries, railways and public transport. A special part of our range is represented by civil engineering and mining tools, primarily picks and drilling heads for asphalt, crushing stone and digging of tunnels and wells.

In addition to cutting tools, we also produce hard metal dies for forging, calibrating, extruding and drawing in the production of screws, nails and rivets and other parts obtained by plastic deformation.

Joining the Defence Industry of Serbia, our production potential has increased significantly, and through joint efforts with other members, we have managed to expand our production program to the military industry as well. A complete series of special cutting tools for the production of weapons and combat equipment, as well as hard metal dies for the production of ammunition, have been developed. In addition to cutting, cores and components made of hard metal were developed for special ammunition and combat equipment.

In addition to hard metal production, we also provide a PVD coating service for tools and parts with TiN, TiCN, CrN, CrCN, TiAlN and TiAlCN coatings depending on the customer's requirements and purpose of the coating.

Thanks to our own development sector and decades of experience in cutting processing, we are always able to offer a unique, economical and optimal solution according to the technical requirements of customers.

We are certified according to ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018









## **FAP CORPORATION A.D. PRIBOJ**



Radnicka Bb, Priboj, Republic of Serbia

+381 33 455 240

www.fap.co.rs

**FAP Corporation a.d. Priboj** is serbian producer with seven decades long history of trucks and special heavy vehicles production. This company is a principal supplier of transport vehicles, special purpose trucks and rigid chassis for combat platforms for the needs of Serbian Armed Forces, Police Forces and Firefighting Service.

FAP has significant experience in design and production of 4x4, 6x6 and 8x8 chassis and upgrades for various types of soft-skin and armored military vehicles as well as for complex combat systems (e.g. self-propelled artillery and air defence systems, MRAP vehicles, recovery vehicles). In its production, FAP has a long-standing international cooperation and uses components and parts from most eminent foreign producers. The company also performs maintenance, repair and modernization of vehicles from its production program

















## **HOLDING CORPORATION KRUŠIK A.D. VALJEVO**



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promotion@krusik.rs, pr@krusik.rs

mww.krusik.rs

**Krušik** acquired its worldwide reputation, as producer of high-quality

and reliable mortar shells, rockets and

Regarding rocket production, Krušik has intensive batch production of the following types of rockets:

- · aircraft unguided rockets (57mm, 80mm and 128mm)
- uunguided artillery rockets for MLRS (107mm, Grad 122mm and 128mm)

Parallel with serial production, constant work is being done to improve the performance, longer range and accuracy of rockets through development of course correction kits, sp cial fuzes, new types of warheads and solid propellant motors. In addition to the listed rock-

ets Krušik is actively working on the production of an upgraded 262 mm high accuracy

Krušik is Serbian specialized company for mass production of all types of mortar shells (HE, TB, smoke and illuminating) and their variants (standard range, extended range, with wide range of fuses) complying with all national and international customer's standards and needs.

The mortar shells are produced in the follow ing calibers:

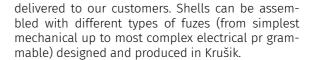
- 60mm,
- 81mm/82mm,
- · 120mm

Accompanying market trends and customer requirements, extended- range shells in all calibers has been developed and successfully









By further development, based on mortar shell design, bombs for UAV in all calibers were also realized and verified. Ongoing projects of guided mortar shells (GPS. laser, infrared) will be included in our assortment soon.

Krušik gained great popularity and recognition in the 80s thanks to the production of the Malyutka missile. Its modernized versions with antitank tandem warhead with improved penetration (Maljutka 2T and 2T5) and thermobaric warhead (Malyutka 2F) with improved range and guidance system of all, revived this type of weapon from the obsolete stockpiles. The refurbishment of old Malyutka missiles with upgrades to newer versions enables short term achievement of the new capabilities on very cost effective way. As a development-oriented company, Krušik worked very actively to realize new products.

In cooperation with other governmental entities, Krušik carries out the production of air to surface guided missiles (VRVZ-200), as well as modernization and upgrade of air to air short range self-guided missiles (Strela-2M and Strela- 10 family).

The wide range of products is completed by hand grenades (offensive, defensive and training) and airplane droped bombs (100kg and 250kg).

At this moment, the most actual project is customized design and small batch production of warheads for killer-drones and unmanned aerial vehicles, which can be of different size, shape or mass and with various types of fuzes.

Beside development and quality proved production, Krušik successfully performs services of control, technical inspections and overhaul of various mortar, rocket and missile systems and munitions, whose shelf life expired and through expert suggested actions can enable possibilities of its extension.

















## **KOVAČKI CENTAR d.o.o.**



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+381 14 226 511

office@kovacki-centar.com

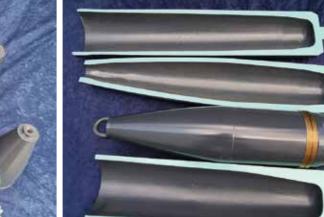
www.kovacki-centar.com

The Public Enterprise Jugoimport-SDPR and HK Krušik from Valjevo founded the Business Company Kovački centar Valjevo, which was registered on January 28, 2010, for the purpose of producing forgings of various calibers. This business company was founded on the site of the HK Krušik forging factory, which was destroyed in the bombing in 1999, with the aim of producing forgings for the needs of the Serbian defence industry.

The main activity of the Forging Center is the production of hot forging parts for NVO assets and forgings for supplementary (civilian) production.









Forgings produced for NVO assets:

- Destructive, illuminating and smoke mines 60, 81/82 and 120 mm, short and
- · Artillery program (57 mm, TF76 mm, TF 100 mm, TF105 mm, TF122 mm, TF125 mm, 155 mm BB, M107, M19, TF152),
- · Missile program (BGR 107, Plamen A, Plamen D, BGR 122 Grad rocket, Oganj
- · Forgings for complex combat systems.

In addition to the capacity for the production of forgings of various calibers, the Forging Center also has a plant for the production of plastic elements, which was put into operation in 2015.

During 2016, Jugoimport SDPR merged the forge of the Petar Drapšin Concern AD from Mladenovac with the Forging Center. The production program of the newly established Forging Factory Mladenovac doo consists of non-ferrous metal forgings for special-purpose and civil programs, such as parts and components for:

- Automotive and process industry
- · Gas, mountaineering and electrical program
- Fire protection

Investments in the purchase of state-of-the-art equipment and machinery have made this company the most well-equipped forge in the Republic of Serbia, and in this part of Europe.







## MILAN BLAGOJEVIĆ - NAMENSKA AD



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office@mbnamenska.com

www.mbnamenska.com

The Company "Milan Blagojevic - Namenska" AD (MBL Company) was founded in 1949. It is the first link in Serbian ammunition production chain, provides its energetic materials for Serbian ammunition producers and Serbian armed forces. The factory also exports its products and services world-wide.

The basic production program is represented by the following products:

- · Nitrocellulose of all types for military and industrial use (based on cotton and wood pulp cellulose)
- Single-base powders
- Spherical powders
- Double-base powders
- Energetic-modified powders
- Rocket propellants
- Powder charges Mono-block powder charges

- Combustible components for artillery ammunition
- Powder charges for tank ammunition
- · Celluloid and celluloid containers for mortar grenades

The production range of powders covers all types of ammunition, from small calliber ammunition for military (5.56 mm to 12.7mm), sports, practice and hunting, over medium caliber ammunition (20mm to 57mm) for automatic weapon station, aircraft and antiaircraft cannons and grenade launchers, up large caliber ammunition for tanks and artillery systems (76mm, 90mm, 100mm, 105mm, 122mm, 130mm, 152mm and 155mm)

The MBL Company has experience, knowledge and references in designing and upgrading of production plants for all of its products and offers transfer of all of its technologies, mainly on the "turn-key" solutions.

The production of spherical powders is one of the most advanced in the world.











Through continuous work on the development of new types of spherical powders, their production range is constantly expanded.

Based on long-term experience and tradition in the production of powders and double-base powders, we manufacture rocket propellants for MLRS artillery rockets 107mm, Grad 122mm, and Serbian 128mm familly. MBL Company also has developed new types of propellant charges according to market requirements. The production of double-base powders and rocket propellants is accompanied by the production of nitroglycerine and wet-pastes.

For various artillery ammunition up to 155mm caliber, MBL Company produce standard powder charges in cloth bags and mono-block powder charges in combustible cases, as well as mortar charges.

They also produce combustible components and powder charges for 125 mm tank ammunition (main and front charge).

The demands of the world market for special quality powders have resulted in the development of new and the modification of existing production ranges. Within the double-base propellant program special energetically modified powders and ballistites have been developed, which are used for the mortar program.

The company is in the phase of implementation of the new technologies for production of triple-base powders and production of combustible components which will be applied in modular powder charges and tank

Development of new products, modernization of existing capacities and continuous presence on the world market are the priorities of the MBL Company's business strategy. The Company employs skilled and experienced staff in the area of research and development and offers transfer of all of its technologies.

The strict high quality policy is confirmed by the implementation of SRPS ISO 9001 and SORS 9000 Quality Management System, SRPS ISO 14001 Environmental Management System, and SRPS ISO 45001 Occupational Health & Safety Management System Certificates.



## **PPT NAMENSKA**



- Cara Dušana 101, Trstenik, Republic of Serbia
- +381 37 711 596
- www.ppt-namenska.rs

PPT NAMENSKA is an innovative factory engaged in research, development, design, production, testing, maintenance and overhaul of complex combat systems, weapons and equipment for the army and police and systems in the field of hydraulics, pneumatics, process engineering and control systems for the military and for civilian market.

The military program includes the next products:

#### a) Air force:

 Aircraft landing gear (nose and main) and hydrauliccomponents and devices

#### b) Army:

- Mortars, caliber: 60mm, 81mm, 82mm and 120mm (Standard and Long-Range)
- · Grenade Launchers (revolver system), caliber: 38mm and 40mm
- Underbarrel Grenade Launchers 40mm UBGL-40/1-PPTN
- · Rocket Propelled Grenade Launcher RBR-7
- Integration of Complex Combat Systems: PASARS 16, LRSVM OGANJ M18, LRSVD OGANJ 128mm M17
- Remotely Controlled Unmanned Combat Vehicle MILOŠ ( -N, -V1, -V2 )
- · Logistics Remotely Controlled Unmanned Vehicle MILOŠ -L
- Tank Modernization Devices and Assemblies for MBT M-84/T72 upgrade
- · Remotely Controlled Weapon Stations, armed with a 7.62 mm and 12.7mm
- Machine Gun





Digitalized MLRS Oganj M17 (modernization)



Modular MLRS Oganj M20 (new production)





Nose gear for ORAO ground attack aircraft







RCWS 12,7mm





## PPT-TMO A.D.



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+381 37 714 649, 712-368

marketing@ppttmo.rs

www.ppttmo.rs

"PPT-TMO" was formed in 1976 under the "PPT Trstenik". Since 2005 it operates independently as a joint stock company for technological-metallurgical processing "PPT-TMO" AD Trstenik. The main activity is the processing and coating of metals.

Functions are carried within:

#### WU GALVANIC PROTECTION:

Chrome, hard chrome plating, chemical plating, galvanizing, anodic oxidation, phosphating, burnishing, chromotisation Zn and Al and their alloys, production inscription plate.

#### WU HEAT TREATMENT:

Gas cementation, hardening, improvement, nitriding, carbonitriding, allealing, heat treatment in a vacuum, induction hardening.













#### WU PROTECTION PAINTS AND VARNISHES:

Metal protection paints and varnishes various coating systems for all mining conditions.

## ZINC FLAKE:

#### WU QUALITY

Monitoring and process control, laboratory testing, quality records, integrated SMQ and EMS, Safety and Health at Work, Fire protection, Enviroment protection, metrology.

## WU MARKETING

Purchase of materials with obligatory references on quality, market research and sales service.

#### WU TOOLBAR PREPARATION AND MAINTENANCE:

Developement and maintenance of tools and equipement.







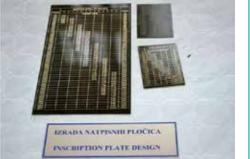
















## PRVI PARTIZAN A.D.



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www.prvipartizan.com

Prvi partizan a.d (PPU) is the prime small caliber ammunition manufacturer, located in the city of Uzice in southwestern Serbia. It has been producing ammunition for almost one century, beginning in 1928. PPU supplies ammunition to armed forces, law enforcement and special units round the world.

Its production portfolio covers all small ammunition from caliber 5.56 mm up to caliber 12.7 mm. The Company PPU has active development strategy with 122 different calibers of various types for military, sports, practice and hunting use. The latest developed cartridge for military purpose is in caliber 6,5 mm Grendel for the use in the new family of modular assault rifles and submachine guns which were recently introduced into service by Serbian armed Forces.

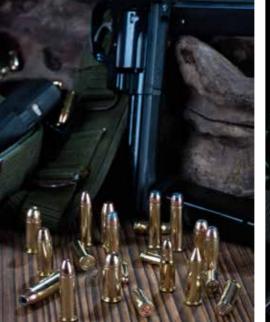
The quality and reliability of ammunition is priority of the company and to that end it utilizes only the most modern equipment and machinery.

PPU Company brings finest, most accurate, high quality and safe

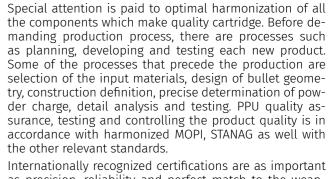












as precision, reliability and perfect match to the weapon. We are in NATO codification System (NCS ) and we are fist company in Serbia which got NCAGE code. PPU every year successfully finish codification for some of the active products.

PPU is certified for ISO 9001:2015, as well as 14001:2015 and ISO 45001:2018, and the company continues to develop and improve.







## PRVA ISKRA - NAMENSKA PROIZVODNJA AD



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info@prvaiskra-namenska.com

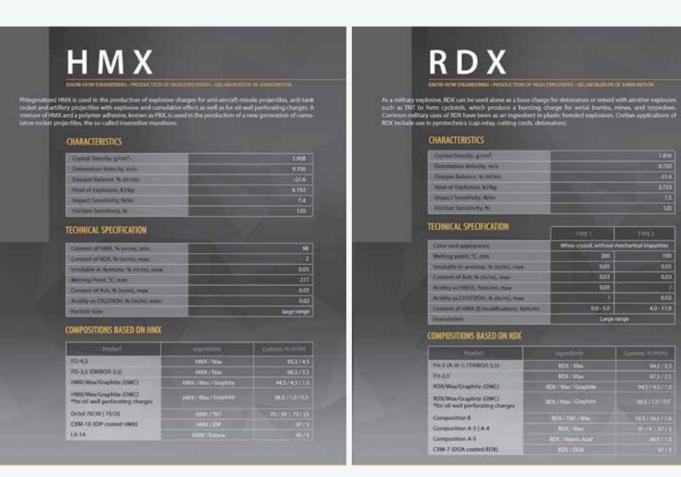
www.prvaiskra-namenska.com

The company PRVA ISKRA – NAMENSKA PROIZVODNJA, established in 1938, is one of only a handful of factories in the world, with its own technology for the production of high explosives (continuous production of trinitrotoluene, dinitrotoluene, hexogen and pentrite, batch production of octogen, hexogen and nitrostilbene) as well as various composites based on these explosives. It means that our processed are tailored for producing our own products, and we are not committed to other manufacturers' licences.

PRVA ISKRA – NAMENSKA PROIZVODNJA is producing all kinds of high explosives whose quality is in line with world standards in this area, GOST, MIL and STANAG, or according to customer's special requests. Production program of the company encompasses the following types of high explosives: TNT, PETN, RDX, HMX, HNS, TNR as well as various composites based on these explosives. The company is in possession of the latest, most modern equipment available, highly qualified staff, know-how and experience in the field of providing a numerous of highly specialized measurements and analyses of high energy materials and chemicals.







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In the field of explosives for defence, PRVA ISKRA - NAMENSKA PROIZVODNJA is well-known in the world for its technology transfer for the production of high explosives, based on a turnkey system. Based on the accumulated experience, during the 1970s an intensive "knowledge transfer" had been started. It included the training of various profiles of foreign cadre (anything from development and laboratory control technologists, to plant engineers and operators, to immediate executants in explosive production) as well as transferring of projects, equipments and technologies for the production of explosives.

The HMX / RDX Plant is intended for manufacture of: Crystallized and phlegmatized HMX or Crystallized and phlegmatized RDX. The Plant for the HMX/ RDX production is of batch type. The plant output is 180 kg/daily of HMX, or 500 kg/daily of RDX. The

manufacturing process was developed and applied at the company PRVA ISKRA - NAMENSKA PROIZVODNJA in Baric, Serbia.

All units are designed such to provide completely safe control of the process. The plant is equipped with necessary measuring-control equipment, by which the process is managed, as well as with blockade and alarm system for process controlling and managing into safe conditions. Where is necessary for process safety reasons, all motors are foreseen in Ex-proof execution. In case of accidental situations, the emergency discharging of reactors is foreseen, and the process is brought into safe condition. The quantity of the hazardous materials in the buildings, as well as the work in them is strictly controlled, and is completely defined by operating regulations.

## **TELEOPTIK GYROSCOPES**



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Teleoptik Žiroskopi (Teleoptik Gyroscopes) is a century old company, with modest beginnings in a garage on Francuska Street in the very center of Belgrade. Initially it was a workshop for repairing precise mechanical aviation instruments and telephones, which were a marvel of technology of that time. The factory moved at current location in Zemun in 1939 and sucessfully followed the progress of this Belgrade's municipality. The company has gone through various phases during its hundred-year history, beginning with a period of significant and rapid development in the 1970s, when Teleoptik produced key aircra ft components as well as some of the most advanced anti-tank and anti-aircraft missiles of the time. In the 1990s, however, the company faced difficult and challenging times due to the broader crisis, which left serious consequences, but the company resiliently saved its core buisness. Today, Teleoptik Žiroskopi has 14,000 square meters of production area, equipped with the most modern manufacturing and laboratory equipment.

#### The production program consists of:

- 1. Development and production of optical instruments and sighting devices, silencers for various calibers of rifles and pistols
- 2. Seekers, guidance and control subsystems of missiles and missile systems (TV homing heads 200mm, TV-IR homing heads 175mm, "Strela

- 2M, "Strela 10", Autopilot "A-200" for a programmed missile target, AT systems "Grom", "Drug", homing heads for the "ALAS" missile system)
- 3. Sighting equipment for armored and infantry fighting vehicles (BVP M-80 Av1/2), as well as gyroscopes and gyroscopic devices and fire control systems for tanks (M-84, M-84A, T-72), special measuring and testing equipment, optical devices, etc.
- 4. Aircraft and helicopter components and equipment for domestic produced aircrafts (Gazelle helicopter, Jastreb – J21, Orao J-22, Super Galeb G-4, gliders, Utva-75, Lasta 95 trainer aircraft);
- 5. Attack UAVs (killer-drones) Komarac 1, Komarac 2, and Komarac 3.

Teleoptik Žiroskopi in close cooperation with Military Technical Institute took an active part in the modernization of the ORAO ground attack aircraft which is one of the most significant MoD's modernization projects. In the scope of this project, the company has been participated in completely new development of hardware and software, navigation and communication systems.

The Government of the Republic of Serbia has recognized the technological potential and importance of Teleoptik Žiroskopi and has invested significant funds in the modernization of production capacities in the last few years. The machining workshop is equipped with the most modern lathes, milling

machines, and machining centers. The most complex 3D models of system components in the fields of optoelectronics, avionics, and missile technology are created in Teleoptik.

The company is a significant partner and cooperant of the other companies in the Defence Industry Group as well of the army and airforce overhauling facilities, producing and repairing sighting devices for mortars, optical devices for combat vehicles, as well as optoelectronic and navigation systems and fire control systems.

Over the past two years, Teleoptik Žiroskopi has recorded a significant developmental breakthrough, confirming its status as one of the key contributors in the domestic Defence and high-tech industry. In line with the strategic direction of enhancing production and development capacities, a series of activities have been carried out, including infrastructure modernization, the introduction of modern technologies, and strengthening of its own research and development potentials.

Special emphasis has been placed on the digitalization of production processes and the improvement of technical and technological working conditions, enabling an increase in the quality, reliability, and competitiveness of products. Through carefully planned investments and expert directed projects, the company has laid the foundations for further growth and entry into demanding markets, as well as deeper cooperation with domestic and international partners.

In the context of strategic orientation towards modernization and innovation of Serbian armed forces, the focus of production in the last two years has been on improving key systems, and implementing the following new products that have achieved significant success:

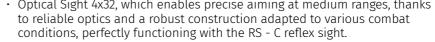
- Optical Sight 4x32, which enables precise aiming at medium ranges, thanks to reliable optics and a robust construction adapted to various combat conditions, perfectly functioning with the RS - C reflex sight.
- Thermal imaging sight NT 35 as a reliable solution for precise aiming at longer ranges, characterized by high-quality optics, sturdy construction, and easy handling in various usage conditions.

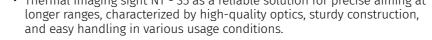
· Killer drones Komarac-1, Komarac-2, and Komarac-3 armed with different warhead sizes

In 2024, Teleoptik Žiroskopi became the integrator of 20 mm RCWS (Remotely Controlled Combat Station) for the Serbian modernized IFV M-80 AB1v2 combat system. Significant results have been achieved in the development of the MTU-4M system (quadriple IR MANPADs launcher system, which includes thermal camera, global navigation satellite system, inclinometer, radio device, tablet and monitor, all integrated on off-road vehicle).

Production of homing heads in calibers 145 mm, 175 mm, and 200 mm as key subassemblies of new missile systems is a strategically important step towards achieving the company's long-term goals and responding to the complex demands of modern markets and industrial standards.

It is important to note that Teleoptik Žiroskopi is equipped with modern equipment, a high level of technical expertise, and the ability to carry out the most complex projects in the fields of optics and optoelectronics, precision mechanics, and electronics for missile systems. Through continuous investment in personnel, technology, and quality, the company remains committed to innovations and development that ensure its sustainable and stable growth in the years to come.





















## UTVA AVIO INDUSTRIJA d.o.o.



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Utva Aircraft Industry was founded on June 5, 1937 and is dedicated to the design, development and production of general aviation aircraft. In addition to aircraft production we are also engaged in the production of weapons and military equipment, which is then installed in aircraft and combat systems, such as ar- With our modern design and production concepts, we mored vehicles Lazar and Milos.

In our rich history, we are proud of producing several models of general aviation aircraft, such as Utva 60, Utva 66, Utva 75, which you can see around the world, as well as training systems – Lasta, Orao and G4.

Thanks to the satisfaction of our domestic and foreign customers, we have worldwide recognition for our safe, comfortable and durable aircraft, and we strive for constant progress. Currently, Utva Aircraft Industry has aircraft Sova and Lasta in its production program. are making efforts to meet all current market requirements. On February 28, 2017, the public company Jugoimport SDPR became the majority shareholder of the company Utva Aircraft Industry.

SOVA - upgraded version of UTVA-75 airplane, intended for initial training and selection, taxi, sport flying, tourism and more. Optionally, it can be used for reconnaissance, aerial photography, and can also carry light weapons if properly equipped. SOVA is a single engine, low wing airplane, with completely metallic airframe, four seats in side-by-side configuration and fixed landing gear. It features a 120 cm (47 inch) wide cabin, with adjustable seats and pedals for the pilot and the student/co-pilot and passengers. Designed and manufactured by UTVA AIRCRAFT INDUSTRY, SOVA is certified under EASA CS-23 specifications in normal and utility category.

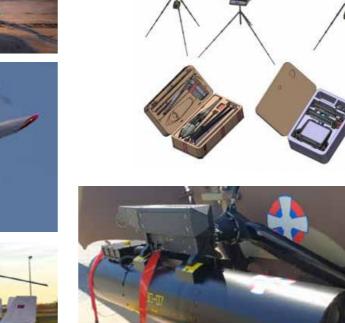
LASTA - modern, piston-engine driven, full-aerobatic military trainer aircraft, with tandem seating arrangement, two wing hardpoints and low acquisition and operation cost. Intended for elementary and basic flight training, but also for training in use of classical unguided weapons and early stages of advanced training, it replaces two or even three training aircraft during a training course. Used properly, within an intense and integrated course, it delivers high quality training, without the additional cost and time needed for transition training, wrong learning and relearning, therefore achieving massive cost saving.

HAWK 5 GYROPLANE - Runway independent operations in 5 seat comfort with class leading payload. The Hawk 5 combines the safety, reliability and cost effectiveness of fixed wing aircraft with the runway independence of a helicopter.















VRABAC - UAV intended for day and night reconnaissance and surveillance, border and coastline patrol, forest fire monitoring, traffic monitoring, electric power line and oil pipeline surveillance.

Hand-launch take-off and two landing modes (using airbag and parachute or a hand-controlled belly

It is designed by MTI and serial production in UTVA Aircraft Industry.

PEGASUS - UAV intended for front-line intelligence, surveillance and reconnaissance, target acquisition and designation, artillery fire adjustment, battle damage assessment, communication relay function, military base perimeter security, border patrol, coastal surveillance, traffic, environmental monitoring, earthquake and flooding situation survey.

GAVRAN 145 - loitering area denial weapon is a long-range surveillance/strike weapon intended for real time surveillance and strike on a wide range of targets beyond the front edge of the battle area. It is launched from the container by means of a booster motor. The wings are foldable and the motor starts upon leaving the launching container.

## GUN POD GH-78 for 12.7 machine gun

The gun pod GH-78M integrates a well-known caliber of 12.7 mm in the form of a suspended machine gun pod. GH-78M, equipped with standardized mounting lugs, can be installed on helicopters, as well as on other aircraft intended for providing close air support on the ground. Mounted on Airbus H145M helicopter.

> Rocket pod L80-07 for unguided S-8 rockets Launcher for unguided rockets. This seven-barrel launcher is intended for use on helicopters.

> It has compatibility with MIL-STD-1760 digital architecture that allows easy integration into modern combat platforms. Mounted on Airbus H145M helicopter.

B8V20 rocket launcher - designed to deli er to the designated area and to fire against ground targets caliber 80 mm unguided airborne rockets of various modifications. The B8V20 cluster units are part of the armament of helicopters Mi-8/ Mi-17, Mi-24/ Mi-35, Mi-28H, Ka-31, Ka-52 and their modifications. The cluster unit affords firing of rockets in singles or ripples, depending of the control system used by the currier





## ZASTAVA KOVAČNICA AD



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#### ZASTAVA KOVAČNICA A.D. – TRADITION THAT FORGES THE FUTURE

Founded in 1857 in Kragujevac, Serbia, Zastava Kovačnica A.D. proudly celebrates 170 years of tradition as one of the key pillars of Serbia's metalworking industry, serving both military and civilian sectors. With a legacy built on continuous operation, dedication, and innovation, our company has become synonymous with strength, precision, and reliability in the field of metal forging and machining.

Our factory is specialised in the production and sale of steel forgings ranging from 0.010 g to 50 kg, manufactured to standard or precision-grade tolerances.

Our production program is very wide, and produce forging for many kind of industries:

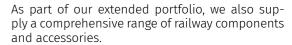
- Hunting and sporting firearms
- Trucks, military and passenger vehicles
- Tractors, agricultural and attached machinery
- Agricultural hand tools
- · Custom-designed forgings based on client specifications











In addition to forging, Zastava Kovačnica provides final machining services using CNC machining centers, and manufactures forging dies and tools through our in-house engineering and tooling facilities.

## Applications of our products:

- · Automotive industry gears, transmission components, shaft
- Agricultural machinery components for tractors and attachments
- Defence industry precision metal parts for a variety of system
- · Railway and general mechanical engineer-

## **Certified Management Systems:**

- · ISO 9001:2015 Quality at every step
- · ISO 14001:2015 Commitment to environmental responsibility







## ZASTAVA ORUŽJE AD



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The military factory in Kragujevac, Gunfoundry, was established for theneeds of the country's defence by casting the first cannons on October 27, 1853. Since its founding, it has been the center of industrial and cultural-historical development of the state of Serbia. It achieved extremely fast development in terms of material and spiritual creation. In 1853, the first steam engine was used in Gunfoundry, in 1884 the first industrial electric lighting, in 1856 the first quality system, and at the Great World Exhibition in Paris in 1889, Gunfoundry won six silver and bronze medals.

Throughout history, the concept of quality has been a constant companion of all production and business activities of Zastava oružje AD. In recent decades, the Integrated Quality Management System has been applied in accordance with modern standards SRPS ISO 9001: 2015, SORS 9000/14, SRPS ISO 14001: 2015, SRPS ISO 45001: 2018 and SORS 9005/15.

Today, Zastava oružje AD (in inglish ZASTAVA ARMS) is the main Serbian producer of small arms and light weapons. Additionally, the production program also includes hunting and sports weapons very popular worl wide for its design and customized hand engravings.

The military products portfolio comprises handguns, submachine guns, assault rifles, machine guns, sniper rifles, under-barrel grenade launch-

ers, automatic grenade launchers, and automatic cannons in calibers 20 mm and 30 mm. At the request of customers, several versions of these weapons are made, with constant activities to improve the design, ergonomics and functionality. The wide range of products made by Zastava oružje AD is being improved constantly. The highest quality materials and modern design and manufacturing processes, along with strict testing conditions, ensure high product quality.

Zastava oružje AD continuously supplies the Armed Forces and Police of the Republic of Serbia.

The strategic commitment of factory Zastava oružje AD is to keep tradition, strengthen development and production capacities and break into new markets through constant improvements. Zastava oružje AD is a company that is fully dedicated to follow the modern trends of the market and, accordingly, to design the new models that are introduced in use of the Serbian Armed Forces and Police.

Automatic Cannon caliber 30x173 mm, M12, is newly designed weapon for engaging targets on the ground, at the water and in the air. It is intended for integration in modern RCWS, combat vehicles and vessels, hybrid air-defence systems etc. Main characteristics:







- Effective range (surface targets up to 3km, low flying arial targets up to 15km)
- Rate of fire (350 rounds/min)
- · Ammunition types: HE, AP-T and TP
- Single-row belt feeding
- · Significantly reduced recoil of the gun with muzzle brake
- Empty shell casings ejection below the barrel
- Turret collector for belt links
- · Mechanical, hydraulic or electrical triggering

Modular Combat System, caliber 7,62x39 mm / 6,5x39 mm is an assault rifle/submachine gun that allows caliber change between firing an standard AK 7,62x39 mm and a new 6,5 mm caliber rounds.

#### Main characteristics:

- The caliber is changed just by swapping the barrel and the magazine
- · Quick and simple barrel replacement, no tools necessary
- Different barrels length (assault rifle/submachine gun) of high durability (cold forged)
- Single and burst fire
- Ambidextrous controls (fire selector, magazine catch, cocking handle)
- Non-reciprocating (static) cocking handle for improved safety

**Bolt action Sniper rifle M07 M, caliber .338 Lapua Magnum** is designed for professionals who demand accuracy, durability and flexibility in the field, the M07 M combines traditional reliability with modern tactical solutions.

#### Main characteristics:

- Cold forged heavy barrel guarantees exceptionally high reliability and precision
- · Long Picatinny rail on the receiver and over the barrel

- Adjustable trigger mechanism with single trigger
- Fully adjustable folding stock
- · A muzzle brake significantly reduces recoil

Bolt action antimaterial rifle M12 M, caliber 12,7x108 mm / .50 Browning is an upgraded version of the famous 'Black Arrow' M93, designed to effectively disable enemy equipment at long ranges, regardless climatic and terrain conditions.

#### Main characteristics:

- Exceptional precision at long ranges due to heavy barrel
- · Three-chamber muzzle brake significantly reduces recoil
- Adjustable folding stock with buffers that additionally reduce the impact of the recoil
- Adjustable butt spike facilitates prolonged target observation
- Adjustable folding bipod for stable positioning

Modular Combat System M24, caliber 5,56x45 mm, has CQC and standard barrel lengths, allowing the weapon to quickly adapt to a variety of combat situations, it can be used as a submachine gun or assault rifle.

Beside new families of modular weapons, and new models of bolt action rifles, Zastava oružje AD continues intensive batch production of its traditional combat proven arms and weapons like military and police handguns of various calibers, AK system based submachine guns, assault rifles and light machineguns in NATO (5,56x45) and Soviet caliber (7,62x39), machineguns in NATO (7,62x51) and Soviet caliber (7,62x54R), as well as tripod or vehicle mounted heavy machineguns in both versions (NATO cal .50 Browning and Soviet 12,7x108 caliber).

The quality of military production is transferred to civilian market products, where the family of PAP semi-automatic (AK system based) or bolt action hunting and sporting rifles are produced in most popular calibers (e.g. .222 Rem, .243 Wln, .308 Win, 8x57, .30-06 Spr, .300 Win Mag and many others).



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## ZASTAVA TERVO d.o.o.



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The tradition of producing utility vehicles began within the Military Technical Institute with the overhaul of Daimler Benz trucks and later continued with the assembly of 320 Chevrolet trucks for the army, which was interrupted by the outbreak of World War II.

After the WW II, within the "Crvena Zastava" plant, alongside the famous passenger cars, production of trucks also began—first with Willis off-road vehicles and later with FIAT models.

Based on this rich tradition, in 2017 a new company was founded in Kragujevac - Zastava TERVO, focused on the production of off-road vehicles, armored bodies, and specialized upgrades, primarily for defense purposes.

Zastava TERVO is a company specialized in the development and small-scale production of off-road vehicles, tailored to the specific needs of clients. The vehicles are characterized by high reliability, easy maintenance, and practically unlimited possibilities of upgrades and modernization.

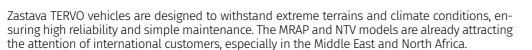
#### Main Models

- M-21 MRAP armored 6×6 vehicle with a high level of protection, intended for the safe transport of crew and equipment in extreme conditions.
- PASARS-16 self-propelled anti-aircraft system on a 6×6 wheeled chassis, equipped with a Bofors 40 mm gun, designed for defense against aerial
- Zastava NTV non-armored 4×4 modular vehicle. available in cargo and van versions, adaptable for both military and civilian tasks.

The company employs a young generation of engineers, mostly educated at the Faculty of Engineering Sciences of the University of Kragujevac, who gain valuable experience and additional training in state-of-the-art technologies.

technologies and quality assurance processes in order to meet the increasingly demanding requirements of the market.

heritage while building the future of Serbian military industry through the development of new generations of vehicles ready to meet contemporary security challenges.































## KOMPANIJA SLOBODA AD ČAČAK



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Kompanija "Sloboda" AD Čačak was founded in 1948.

From the simple production it has grown into a modern company that produces medium and large caliber ammunition of new generation. Central office and the main production capacities are situated in Cacak, 140 kilometers south of Belgrade.

It possess up-to-date production equipment, qualified professional staff in all phases of development, planning and manufacture. There are several accredited laboratories for testing mechanical and chemical properties, metrological laboratory and test centre that are in technological and business aspect connected with world leaders in this area. More than 240 new products have been developed in the period from 1995 up to today, that is a good indication of the development trend, keeping up to the market requirements.

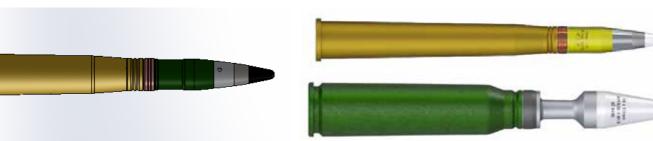
Integrated Management System that is being implemented includes SRPS ISO 9001: 2015 (QMS), SRPS 14001:2015 (EMS), SRPS 18001:2008 (OHS) and SRPS ISO/IEC 27001:2014 (ISMS).

Kompanija "Sloboda" AD Čačak produces all ammunition components for its ammunition, except propellants, explosives and ignition primers. Among vast range of ammunition elements and items, Sloboda produces all types of fuzes, gun primers, practice ammunition, wooden, metal and plastics packaging.

Production range is wide, in accordance to national, NATO, MIL and Soviet standards, and includes the following:

- Medium caliber ammunition for
  - Aircraft, Anti-aircraft and RCWS automatic cannons 20mm, 23mm, 30mm, 37mm, 40mm, 57mm
  - Automatic grenade launchers 30mm
  - · Underbarrel grenade launchers 40mm type GP-25 and GP-30
  - Grenade launchers 40mm x 46 (type M79, M203 and others)
- Large caliber artillery ammunition 76mm, 105mm, 122mm, 130mm, 152mm and 155mm
- Tank ammunition 100mm, 105mm and 125mm
- Rifle grenades of all types (with and without bullet trap)
- · Antitank rocket launchers 64mm, 90mm and 120mm
- Signal ammunition 26mm and 38mm
- Special police program ammunition
- Bombs and warheads for Unmanned Aerial Vehicles/Drones

Kompanija "Sloboda" is wellknown name on the domestic and world market, as the synonym for product and service quality.









PYTHO TELE

DPA G-UZ-WIT















# OTHER COMPANIES LICENSED FOR ARMAMENT AND MILITARY EQUIPMENT PRODUCTION

Companies registered and licenced by Ministry of Defence for production of armament and military equipment are significant cooperants of the Serbian defence system, in the scope of R&D and specialized production. Most of those companies are private owned SMEs and some of them are niche specialists in their domain and represent reliable partner with worldwide proven solutions.

## **AZIMUTH doo**



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www.azimuth-dps.rs

#### Company AZIMUTH-DPS operates within JOMIL GROUP

The Company is regestired with the Ministryod Defence of the Republic of Serbia for:

- Trade of armament and equipment and dual purpose goods
- Design, production and overhaul of ordnances and components of Infantry and Air Force

#### BASIC ACTIVITIES OF THE COMPANY:

Design and production of armament and components; Design and production of test benches for testing of armament components; Overhaul of ordnances and components for Infantry and Air Force; Special technologies of mechanical processing, thermal treatment and welding

## PRODUCTION PROGRAM IN THE FIELD OF DEFENCE TECHNOLOGIES: Production

- Terrain vehicles 4x4; Mortars of all calibres (60mm, 81/82mm, 120mm;Up-grading of a tank T-55 (installation of fire control system and passive periscopes;Devices for safe render procedures and destruction of ammunition; Mobile laboratories for testing chemical stability of gunpowder and rocket fuels; Mobile workshops for safe rendering of ammunition.
- Development of test benches for testing of hydraulic, pneumatic and electrical components which are used in following ordnances:
- Armored combat vehicles; Terrain non-combat vehicles; Overhaul of components inteded for Armored fighting vehicles and terran non-fighting vehicles; Development and production of accessories for lighting aiming devices.

#### SERVICES IN THE FIELD OF SPECIAL TECHNOLOGIES

- Mechanical treatment of parts of large dimensions
- Driling of holes on metal parts of large diameters
- Production of gears 3200mm in diameter
- Thermal treatment of parts (improvement and case hardening) in chamber and mine furnaces; welding of structures of processing equipment of different purposes.



A set of lighting accessories in a transport case:

- Assembly for illumination the transverse spirit level, table angle scale and panorama reticle.
- Assembly for illumination the longitudinal spirit level and distance drum
- 3. Assembly for illumination of drum, protractor and panorama
- 4. Assembly for illumination the reticle of the optical sight,
- Collimator illumination assembly,
- 6. Lamp (spare).
- 7. Lamp for the weapon commander,
- Timer lamp,
- Picket lighting assembly,
- Battery charger,
- 11. Connection for charger,
- 12. Batteries 14 pieces (3 spare).
- 13. Case for documentation (placed behind the protective sponge),
- 14. Transport case.

## **GEPARD**



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- www.gepard.rs

**Gepard** was founded in October 1992 and has operated as a limited-liability sole proprietorship since March 1998. We have worked from our modern Novi Sad facility at Koči Ivana 2 since 2002, where "the existing business facility in all respects meets the criteria for the production of high-quality safety, specialized and fashion footwear."

From the start, Gepard has supplied well-known and large domestic customers such as the Serbian Army, Ministry of Internal Affairs, NIS a.d., Elektroprivreda Srbije, Srbijašume, Srbijavoz, as well as many other state- and privately-owned companies. Today we export on a growing scale to partners including Bundeswehr (Germany Federal Defence Force), Intermedium (Germany), Falco (Italy) and Mephisto (France).

#### PROVEN TRACK RECORD

- 33 years of experience in dedicated leather-footwear craftsmanship
- 1 500 000 + pairs sold in 21 countries
- Workforce grown from 3 to ≈100 employees

#### WHAT WE MAKE

Protective shoes, low/high boots, field & special boots, football boots, sneakers, clogs, sandals, slippers, belts and bespoke high-volume orders.

#### WHY CHOOSE GEPARD?

- · Goodyear™ welted construction—≈180 operations, double-stitched, resolable; up to 300 pairs/day
- Continuous investment in people and technology
- · Ambition to expand in both domestic and international markets while maintaining top-tier quality

Gepard: delivering durable, high-performance footwear - from Serbia to the world.











## **ELING AD**



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**ELING AD** designs and manufactures special purpose metal components for the military industry - rocket engine chambers for S-5, S-8, Hydra 70, 122 mm, 128 mm, 262 mm rockets, the body of the warhead of the aforementioned chambers with different types of fragments, nozzles, stabilizers for mortars. In its assortment, it produces induction devices and aluminum rods and profiles of special alloys.











## EDEPRO d.o.o.



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**EDePro** is a regional leader in producing propulsion systems for solid propellant rockets, UAVs, guided missiles, turbojet engines and rocket motors, and it stands as a beacon of innovation, reshaping the defence landscape with cutting-edge solutions. Its unrivalled engineering expertise and visionary technology make EDePro as an unstoppable force, revolutionizing the industry and setting new standards of excellence.

Building on this success, EDePro has expanded its 122mm artillery portfolio with the introduction of the G-2000P (portable) and G-2000SL series. G-2000P/P+ is a compact, lightweight variant engineered for improved operational efficiency and ease of deployment. We designed new HE (high-explosive) warheads (SL & SL+ warhead type) for higher efficiency, with a higher lethal radius and improved fragmentation. Despite its reduced dimensions, the G-2000P series maintains an effective range of up to 20 km and can be launched from a broader variety of platforms, any existing 122mm launchers, including lightweight, vehicle-mounted launch systems — enhancing its tactical versatility. The newly developed G-2000SL series features a high-efficiency HE warhead paired with extended range capabilities, reaching up to 46 km. The upgraded G-2000SL+ variant is equipped with a more efficient warhead with a range of 41 km. further enhancing the versatility and firepower of EDePro's 122mm rocket family. It is anticipated that all rockets could be launched from containers made of smooth tubes produced from composite materials.

The MLRS HURRICANE 262mm represents the company's latest advancement in rocket artillery technology, delivering enhanced long-range precision with a reach of up to 70 km and increased target effectiveness. Developed entirely in-house, the system underwent rocket motor static tests and rocket flight tests in April 2025, reaffirming our commitment to delivering top-tier surface-to-surface long-range artillery solutions.

The ALAS (Advanced Light Attack System) family is based on a multi-role missile system developed for destroying targets such as enemy armoured tanks, industrial facilities and ships intended for coastal defence, and advanced radar systems. According to its characteristics, it is one of the most advanced solutions in the arms industry.

TJE-45 is one of the most popular jet engines due to its robust design, small diameter and ability to run in harsh operating conditions with a significant thrust level of 45daN. The high-performing, cost-effective, and reliable turbojet engine with the maximum thrust 185daN, TJE-200 is lightweight and compact, consisting of a three-stage axial compressor, with a generator power of 1 kW. TSE-200 is turbo-shaft engine for light helicopters, UAVs, and auxiliary power units in the power class 200kW.

The most advanced propulsion systems available for UAVs, target drones, light aircrafts and cruise missiles will be prominently showcased during the exhibition Partner 2025.







## ENEL PS d.o.o.



▼ Zelengorska 1g, Belgrade, Republic of Serbia

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office@enelps.com

www.enelps.com

**Enel PS** is a trusted leader in power electronics with over 30 years of experience in delivering high-performance solutions and services across diverse industries. We specialize in the design, production, servicing and maintenance of electronic equipment, with a strong focus on energy efficiency, system reliability and tailored customer support. Our core products and services include:

- · Uninterruptible Power Supply (UPS) systems design, installation and maintenance
- · Industrial power electronics custom electronic devices and control systems
- Battery systems supply, testing and replacement services
- Power distribution and backup solutions
- Preventive and corrective maintenance for critical infrastructure
- · Consulting and system optimization based on energy and cost efficiency
- Project planning and management from concept to commissioning

We combine cutting-edge technology with globally recognized technical standards to develop solutions that match the specific needs and goals of our clients. Our team of engineers, project managers and technicians brings energy, expertise and dedication to every project. Their commitment is the foundation of Enel PS's long-term success and reputation.





## EI OPEK AD NIŠ



Bulevar Svetog Cara Konstantina 80-82, Niš, Republic of Serbia

+381 18 550 916

✓ direktor@eiopek.co.rs

www.eiopek.co.rs

**Ei Opek** was established as independent company in June 1991, as a socially owned enterprise, by dividing Ei Semiconductors factory, in which it operated as a department for the production of infrared sensors for use in self-guided anti-aircraft rockets. Since then, it has expanded its production program by conquering complex electronic devices for different customers

In October 2004, in the privatization process, Ei Opek became a share-holding company.

Through intensive development, as a result of three decades of engagement, the range of products is further expanded in the field of industrial electronic, telecommunications and military industry.

Nowadays Ei Opek works mostly for military purposes, dominantly designing, development, testing and serial production of electronic modules for different

kind of fuzes (artillery, mortar, anti-aircraft, anti-tank etc). Electronic modules enable different operational modes of fuzes: time, proximity, impact and delay. The parameters of the electronic modules can be changed according to customer requirements. In addition to the above, Ei Opek has developed and produced more types of electronic triggers for launchers (PLAMEN S, OGANJ, LRSV 107 mm, MORA-VA, TAMNAVA), as well as the components for fire protect systems for tank M 84 and devices for KIV. NORA, GVOZDIKA etc.

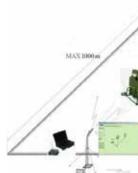
All products and production processes are carried out with use of high quality standards for development, production and testing in accordance with the highest international quality standards SRPS ISO 9001/2015, MIL-STD-1316, STANAG-4187, MIL-STD-331 and MIL-STD-810.











# **EVROKOMERC d.o.o.**



Miće Milića 1Đ, Stanjevo, Aleksandrovac, Republic of Serbia

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www.evrokomerc.com

Evrokomerc is today a preferred technology and engineering-driven development partner and leader in Hydraulic and Pneumatic hoses. VEBEO connectors for hydraulics and pneumatics and custom-made parts.

Founded by owner Miroljub Savković in 1989 year, a total of more than thirty years of experience in Marketing, Hardcore Engineering, R & D expertise, and Global Experience coupled with eagerness, knowledge, and Capability to handle challenging and complex engineering assignments and Projects has enabled Evrokomerc to have an enviable presence in the field of Hydraulic and Pneumatic hoses, VEBEO connectors for hydraulics and pneumatics and custom-made parts.

Evrokomerc has been able to anticipate and evolve, offering its customers modern, more sophisticated Hydraulic and Pneumatic hoses, VEBEO connectors for hydraulics and pneumatics and custom-made parts, and other Engineering Solutions for operational excellence.

Evrokomerc uses its strong platform of engineering and design capability, manufacturing prowess, and metallurgical knowledge to satisfy the technical requirements of products from different segments. Underlying the success of the company is an ethos of commitment to the values of quality, service. and reliability.

Continuous innovation and close customer interaction have enabled Evro-

komerc to become a GO-TO company for the customers, small and big alike, for product design/development and technology solutions for a wide number of products e.g. Hydraulic and Pneumatic hoses, VEBEO connectors for hydraulics and pneumatics and custom-made parts etc. Used in a wide array of industries across different fields in different applications.

As Evrokomerc, the most important feature that we have adopted since the beginning of our business life has been a moral, transparent and high quality business understanding.

While all players in the global trade carry out their activities under their own denominator, we have adopted the principle of having a say in both the domestic and foreign markets by always setting forward goals.

We have made dozens of new know-how transfers to our country, aiming to be always domestic and national in our domestic market targets. In the global market, we have made an effort to reach every point where we can reach our voices, with a new face, a new company mentality.

As Evrokomerc family, we will continue to be a supporter of the quality, transparent and qualified work that can be a new breath to the supply system, become a partner other than a supplier in your projects and works.

With the wish of a life that peace, love and quality will not be missing.



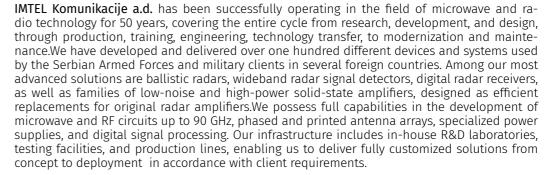




## IMTEL KOMUNIKACIJE A.D.



- Bulevar Mihajla Pupina 165B, Belgrade, Republic of Serbia
- +381 11 3121 074
- info@insimtel.com
- www.insimtel.com



- 50 years of experience in developing defence-grade systems
- In-house development of ballistic radars and digital receivers
- · Solid-state amplifiers replacing original radar amplifiers
- Microwave and RF circuits up to 90 GHz
- · Design and production of printed and phased antenna arrays
- · Custom solutions tailored to end-user requirements













# **INTER AUTO d.o.o.** Beograd



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office@interautobgd.com

interautobgd.com

**INTER AUTO d.o.o. BELGRADE** was established in 1991, originally specializing in motor vehicle repair. Over the years, the company has steadily grown, expanding its operations across nearly all sectors of the automotive industry.

In early 2007, INTER AUTO d.o.o. BELGRADE launched its armored vehicle division, initially focusing on the armoring of motor vehicles and later expanding to include various other types of vehicles. At the same time, the company began manufacturing ballistic glass, This strategic expansion positioned us as subcontractors for the Ministry of Defence of the Republic of Serbia, contributing to multiple defence projects.

We are committed to building long-term relationships with our clients, consistently exceeding expectations through the quality of our work. Our mission is to continuously improve our services, expand our market presence, and establish ourselves as the top choice for all customers.

INTER AUTO d.o.o. BELGRADE operates in full compliance with applicable regulations and adheres strictly to international quality standards.









#### **KRUSIK-PLASTIKA**



Ulica i broj, Grad, Republic of Serbia

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office@nazivpreduzeca.com

www.nazivpreduzeca.com

The company Krusik-plastika was founded in 1975 by Krusik from Valjevo as a factory for the production of plastic parts.

The company's headquarters and production plant are located in Osečina on the main road Valjevo - Loznica, 30 km from Valjevo and 130 km from Belgrade.

During decades of experience, we have perfected our knowledge and developed a wide range of products for the needs of branches of industry, such as: construction, chemical, food, automotive and arms and military equipment industry, agriculture, waste water treatment, production of electrical appliances, packaging, sanitation and furniture parts.

"Quality above all" is the main principle that we are constantly guided by, and Krušik-Plastika products are recognizable precisely by their quality. Proof of this is constant increase of our participation in the domestic market and the successful conquest of new foreign markets, where the requirements for product quality are uncompromising. Confirmation of the overall quality is the constant increase in the number of customers over the past years.

For years, our final products are present not only in all countries of the region (Southeastern Europe) but also in the markets of Western Europe, primarily Austria, Belgium and Norway where we have regular customers of our products. Also, plastic parts and components that we produce are embedded in various products of our partners, they are distributed in about 50 countries around the world, including the USA and Russia.

The company has certificates for the quality management system ISO 9001:2015

and SORS 9000/14, as well as the certificate ISO 14001:2015; 45001:2018. Using spiral winding technology, we produce the following products:

- plastic pipes (profiled and solid-wall);
- sewerage shafts;
- tanks:
- separators for separating oil and oil derivatives, and many others.

Using injection molding technology we produce:

- Plastic packaging;
- Technical parts;
- Sanitaries...

During production, the following materials are used:

- LDPE
- PP
- ABS
- PMMA
- PC
- HDPE
- · PS · PA
- · POM
- PVC













# **KOL-15N INŽENJERING d.o.o.**



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www.kol-15n.com

**KOL-15N** is a Serbian company established in 2009 for the design, development, production, and upgrade of rocket launcher systems. The core of the design team are engineers with more than 40 years of experience in the field of design and development of armament systems, especially rocket launchers. The other engineering staff are young, highly educated, and qualified engineers. We have comprehensive cooperation with institutions and factories in this field in Serbia and with some companies in Europe. Our customers are the Serbian army and certain European and Asian countries.

We sustain our development, production, and testing in accordance with NATO Quality Assurance Standards and international military standards for the products delivered to international markets, and in accordance with Serbian National Quality Assurance Standards for the products delivered to the Serbian army. Although the company performs its own acceptance test, representatives of the company's customers can do a test of the products before acceptance.

Our policy is to meet the customer's specific requirements and expectation, and on that way to attain the highest level of customer satisfaction.









# RMD 18 TERMOPLASTIC d.o.o.



Vrela bb, 31000 Užice, Republic of Serbia

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rmd18termoplastic@gmail.com

The company RMD 18 Termoplastic Ltd, among other activities, is engaged in the production of propellants containers (Horse shoe containers) -, with minimal combustion residue, produced from celluloid nitro film consisting of about 70% nitro cellulose with an N2 content of about 10.5-11.5% and the rest of plasticizers and stabilizer. The burning rate is improved by adding energy additives such as energy plasticizers.

The company was founded in 2017 as a research and development center and since then has recorded the growth of all capacities, including staff, products and knowledge as the most important resource. With dedication and work, new products were developed

and the technology of making shells was completely mastered.

The main activity of the company is the production of propellants containers - for mortars 60, 81/82 and 120 mm.

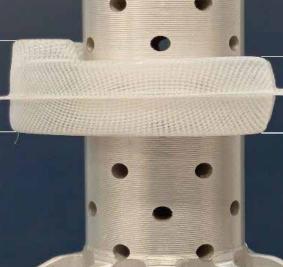
The basic raw material for production is nitro film in sheets with a thickness of 0.18-0.3 mm, which is impregnated (laminated) in our production with 0.12 mm thick nylon fabric of special knitting.

The nitro celluloid film prepared in this way is thermoformed in special tools into two halves that are joined by a special welding-sealing process to form a container – into which the end customer later inserts the necessary powder propellant.









# **SENZOR INFIZ**



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office@senzor-infiz.com

www.senzor-infiz.com

Senzor Infiz se bavi razvojem, projzvodnjom i remontom vojnih optičkih, optoelektronskih i senzorskih uređaja namenjenih za osmatranje, artiljeriju, vozila i pešadiju.

Senzor Infiz develops, produces and services military grade optics, optronics and sensory equipment for observation, artillery, vehicles and infantry.











# SOVA NIGHT VISION SYSTEMS d.o.o.

SOVANVISION

Bulevar Mihajla Pupina 165e, Beograd, Republic of Serbia

064 64 25 305

sovanvision@gmail.com

www.sovanvision.com

**SOVANVISION** is SERBIA based Electro-Optics company, developing, manufacturing and marketing systems and sub-assemblies for armed forces, law enforcement agencies and civilian markets,

SOVANVISION is one of the ideas that has matured into an enterprise rendering world class solutions for Assemblies, Sub-systems, Systems and Systems integration for military and Homeland defence markets. SOVANVISION is focused on the design and development, advanced research and manufacturing

production.

SOVANVISION diversification into multi engineering disciplinaries' sub-systems and system level capabilities facilitate to deliver the products with high reliability, serviceability and support.

Based on its vertical control of all critical electro-optics capabilities, SOVANVISON is able to provide products and systems optimized to customer needs, within budget and delivered on-time. Every product and system is backed by comprehensive, world-wide after-sales support and services.

Main areas of activities: Night Vision Devices such as Monocular, Goggles, Pilot Goggles and Night Vision Weapon sights with various magnifications. Thermal imaging systems including sights are covering full spectrum of observation and fire control systems. Personal aiming devices such as Reflex sights, Laser Aiming device and weapon mounted illuminators.

SOVANVISION has developed unique LED matrix based diving illuminators for underwater security and rescue missions.

SOVANVISION offers optical production solution from design stage till final products reception, including most demanding quality control processing.



NNS X6



DBNS-7









# SUPER PLAST 1991 d.o.o.



Cvije Kukolja bb, Nova Pazova, Republic of Serbia

+381 63 578 146

www.super-plast.rs

Super Plast LLC, based in Nova Pazova, has been successfully operating for over thirty years in tool manufacturing and plastic injection molding. The company offers comprehensive product development services — from tool design and manufacturing to plastic part injection molding — with a particular focus on technical materials such as polyamide (PA), ABS, Hostaform (POM), and polycarbonate (PC). Our product portfolio includes various plastic components used across various industries: from promotional and marketing items, household components, and automotive parts, to elements for PVC and aluminum joinery, roller shutters, hail protection systems, and electrical cabinets. In addition to plastic processing, Super Plast also manufactures a broad array of metal components, serving diverse industrial sectors. Our metal products range from standard to highly spe-

cialized parts, fully tailored to market needs and the specific requirements of our clients. With extensive experience and expertise in working with high-performance polymers and composite materials, the company has developed in-house capabilities for the research, development, and production of technically complex products intended for industrial and defence applications. In line with its strategic development goals, Super Plast has expanded its activities to include the design, development, and manufacturing of weapon components and military equipment, primarily for the Ministry of Defence and other institutions of the Republic of Serbia. We specialize in the development of parts, components, and systems made from advanced polymer and composite materials, with the aim of enhancing safety, reliability, and operational efficiency for end users.





# TRAYAL CORPORATION



Parunovačka 18v, Kruševac, Republic of Serbia

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headoffice@trayal.rs

⊕ www.trayal.rs

**TRAYAL CORPORATION** was founded as the gunpowder plant "Obilićevo" in 1889 by decree of King Milan Obrenović and has since expanded its production to include explosives, protective equipment, rubber products, and tires.

TRAYAL CORPORATION's production is primarily based on its own development and manufacturing facilities, utilizing modern technologies and advanced equipment. It complies with ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 standards, QMS (quality management system) certificate issued by Ministry Of Defence of Serbia, as well as certifications issued by TÜV Rheinland, ensuring high product quality that meets European and global standards.

Today, TRAYAL CORPORATION consists of four factories that manufacture various products, including equipment for the Serbian Defence Industry:

- The factory for protective equipment
- The factory for explosives and pyrotechnics
- The factory for agricultural and industrial tires
- The factory for two-wheeler tires and inner tubes.

THE FACTORY FOR PROTECTIVE EQUIPMENT has a long tradition of producing protective masks, dating back to 1925 when the manufacturing of the M-27 mask began. Nowadays, the production program od the factory is intended for Serbian Police and Military forces, as well as for numerous partners both home and aborad

THE FACTORY FOR EXPLOSIVES AND PYROTECHNICS is the oldest factory within TRAYAL CORPORATION. It specializes in the production of industrial explosives, pyrotechnics, and chemical agents.

THE FACTORY FOR INDUSTRIAL AND AGRICULTURAL TIRES is engaged in the production of tires for industrial and agricultural machinery.

THE FACTORY FOR TWO-WHEELER TIRES AND INNER TUBES produces tires for bicycles, mopeds and scooters, and inner tubes for all types of vehicles.



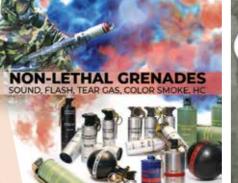












# **UNO-LUX NS d.o.o. Beograd**



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+ 381 11 2361 768

office@unoluxns.com

www.unoluxns.com

UNO-LUX NS has been successfully developing and producing custom control and measurement systems for over 30 years. The company is specialized in the automation of machines and production lines, whether it's retrofitting existing industrial and lab equipment or building custom solutions from scratch.

UNO-LUX NS has License issued by Ministry of Defence for production of weapons and military equipment in the field of: design, development and manufacturing of components of command and information systems, fire control systems and multi-sensor platforms, test and measurement equipment, development and repair of military equipment, energy subsystems, simulators and platforms for training, testing and monitoring the physical performance of Armed Forces members.

To cater to the dynamic requirements of the defence industry, UNO-LUX NS has undertaken the

integration of several intricate subsystems, developed in collaboration with esteemed Military Technical Institute to address the specific needs of Serbian Armed Forces:

- Automated vehicle leveling system, two-person control panel with a software radar receiver (SRR), remote workstation, telecommunication subsystem and an alternative power supply for modernized radar GIRAFFE M85.
- Target data receiver, software for automated vehicle leveling system, GNSS navigation device and electronic block for MISTRAL integration on PASARS M16.

Alongside its core offerings, UNO-LUX NS is specialized in cutting-edge consulting services. The company excels in rapid prototyping of complex measurement systems, machine vision, radar modernization as well as crafting state-of-the-art military and defence control systems.





# **Z.P.V. PROIZVODNJA**



Potez Jezdinsko Polje 10, Čačak, Serbia, Republic of Serbia

info@zpvproizvodnja.com

www.zpvpro.com

**Z.P.V. Proizvodnja d.o.o.** is engaged in the production of high-precision rifle and pistol barrels, barrel blanks, ballistic test barrels, ballistic test equipment as well as the production of chamber reamers and headspace gauges. Uncompromising quality of products with the Z.P.V. label is recognized on the international market.

Z.P.V. Proizvodnja d.o.o. has a license for the production of weapons and military equipment in the field of:

- development and production of ballistic barrels for testing infantry ammunition up to and including 12.7mm caliber,
- development of special equipment for ballistic testing of infantry weapons and ammunition,
- production of rifles and equipping capacities for the production of weapons and military equipment.













# 14. OKTOBAR KRUŠEVAC



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office@14oktobar.rs

www.14oktobar.rs

"14. OKTOBAR" is a leading company in the production of high-quality metal parts for a wide range of industrial needs, from civil machinery to military programs. Our commitment to superior quality, innovation and adaptability makes us a reliable partner for demanding projects around the world. Our many years of experience combined with the latest technological processes enable us to create products that are more than competitive on the market.

The company 14. oktobar" Kruševac is a member of the industrial- technological group CSG and its division CSG Defence. CSG is a dynamic group of more than 100 manufacturing, development, and trading companies based in several European countries and the USA.

#### MILITARY PROGRAM

For more than a quarter of a century, we have been producing body shell and mines for artillery and mortar ammunition, that meet the demanding requirements of the defence industry. Our product range encompasses stan-

dard calibers ranging from 60mm to 125mm, and soon up to 155mm. At our factory, we place a strong emphasis on precision engineering, meticulous craftsmanship, and adherence to the highest industry standards. We understand the critical nature of our products, and we are dedicated to meeting deadlines while upholding the highest quality standards.

#### CIVII PROGRAM

Our company specializes in the production of welded structures used in the railway industry. With modern manufacturing facilities, highly skilled team of experts, and the use of the latest technologies, we provide products that meet the highest standards of quality and safety. Our product range includes a wide variety of welded structures, parts, and positions for railway vehicles, as well as construction and parts for process industry: metal constructions (elastic and gear couplings, back holders, gearboxes, gears and direction changers) and processing and mining equipment (transport system drums and rolls).















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Privately held military-licensed aerospace company PINK RESEARCH \& DEVELOPMENT CENTER (PR-DC) is based near Belgrade, Serbia. It features complete in-house research & development and covers everything from design and verification to finished product production. The company is dedicated to producing state-of-the-art drones and equipment in compliance with applicable military standards using the most advanced composite materials, latest electronics, and propulsion systems.

The main products are electric rotary-wing drones with a maximum payload capacity ranging from 1 kg up to 250 kilograms (IKA drone lineup). These drones have market unique capabilities} They are primarily designed for close-range missions and missions needing hovering, larger payload mass, vertical take-off, and landing (IKA-BOMB-ER). In this category are also rotary-wing target/decoy drones, which can work together with the IKA drone lineup (GANNET). The second product category is mixed-wing drones (fixed-wing drones capable of vertical take-off and landing) for missions demanding greater speed and longer range. They feature electric propulsors or small jet engines. These drones are tested with many different payloads, including very sophisticated sensors, in different environments and at altitudes of more than 6000 m. The last product category includes different loitering munition - kamikaze drones (ODO-NAT. SHRAPNEL and MANTIS).













# **HK PK YUMCO AD VRANJE**



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yumco@mts.rs

www.yumco.rs

YUMCO AD Vranie is a leading textile manufacturer in Serbia. with a tradition spanning more than 60 years. The company specializes in the production of a wide range of garments, including civilian, work, fashion, and military clothing, camouflage kits, and multispectral camouflage covers for concealing personnel, military equipment, and facilities. The ballistic protection program holds a significant place in the company's portfolio. YUMCO's ballistic program includes the development and production of protective gear such as ballistic vests, plate carriers, protective helmets, and ballistic plates of all protection levels. This equipment is intended for the military, police, firefighters. and other security services.YUMCO utilizes modern materials resistant to bullets, cuts, and explosive fragments. All products are tested and manufactured in accordance with international ballistic protection standards (NATO, NII STD 0101.04 and 0101.06, MIL, and STANAG standards). The company also develops specialized kits for wildfire suppression, protective clothing with antistatic and flame-retardant properties, as well as gear resistant to chemical and biological agents. YUMCO is a vertically integrated company, meaning it covers all stages of production – from spinning, weaving, and dveing fabrics, to cutting, sewing, and final processing, including laboratory quality testing. Thanks to its long-standing experience, high level of adaptability, and in-house research and development capabilities, YUMCO successfully cooperates with both domestic and international partners and exports its products to various markets.

- Camouflage Kit M-23 small and large variants is intended for concealing personnel, facilities, and military assets on land, in water, and within the near-infrared, thermal infrared, and radar "X" bands of the electromagnetic spectrum.
- Ballistic Vest T-18, with the capability to insert two plates, provides protection against handgun and rifle ammunition. It is made of Cordura fabric and polyethylene ballistic material, featuring reinforced seams and slits compatible with the MOLLE system.
- Tactical Uniform with Protective Ballistic Equipment (PBE) for special forces unit "KOBRE" includes a winter jacket with a thermal insert and winter trousers made from durable ripstop fabric, designed to provide protection from cold, wind, and rain in extreme conditions.
- Camouflage Cloak M-20 ("Invisible Warrior") is designed to enhance the soldier's camouflage protection, enabling effective mission performance within a temperature range of -30°C to 50°C, both day and night.
- Ballistic Protection Plate with protection levels NIJ 0101.04 III, III+, IV.
- Protective Ballistic Helmet, universal size, with protection level IIIA in accordance with NII STD 0106.01.









КОБРЕ





Pirčaninova 62, Valjevo, Republic of Serbia

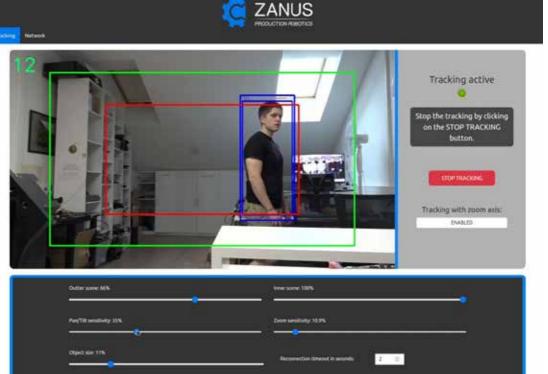
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The Zanus company is engaged in the development and production of complex mechatronic systems for both the civilian sector and the military industry. Zanus's development and production program includes actuators and control electronics for various military industry assets. In addition, Zanus is also successfully developing software based on artificial intelligence for automatic recognition and tracking of targets from images, as well as for the automatic operation of unmanned robotic systems that can also be used in the military industry.







# DLS SPECIJALNI SISTEMI d.o.o.



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office@dlsssystem.com

DLS Special Systems is a leading provider of advanced defence solutions, renowned for its specialized expertise in the development and integration of military-grade systems. With a proven track record and deep technical know-how, DLS delivers cutting-edge products tailored to meet the operational demands of global defence forces.

Our core capabilities include the design, production, and integration of:

- Remote-Controlled Weapon Systems
- Self-Propelled and towed Multiple Rocket Launchers
- Medium and Large-Caliber Guns, Cannons, Turrets, Weapon Mounts & Stations
- Classical and rocket ammunition and their elements
- Integrated Systems for Weapons, C4 (Command, Control, Communication, and Computers)
- Advanced Opto-Electronic Payloads, Aiming Devices, and Sighting Systems

Trusted by military clients worldwide, DLS Special Systems remains committed to delivering reliable, mission-critical solutions that enhance operational capability and strategic advantage.













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www.insa.rs

INSA was founded in 1950 as a clock manufacturing company and has since grown into a leading producer of clocks, watch mechanisms, water meters, and a wide range of products in the fields of measurement technology and mechanics.

INSA a.d. also has a long-standing tradition of manufacturing for military purposes.

Given its focus on the production of fine, precision mechanisms with electronic components, it is only natural that the company has developed a wide variety of clock mechanisms for securing and arming, along with other defence-related products.













## IRITEL A.D. BEOGRAD



Patajnički drum deo 9, broj 3, Belgrade, Republic of Serbia

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m www.iritel.com

#### IRITEL a.d. BEOGRAD was founded in 1967.

Today, with some 150 highly educated and skilled employees and many years of experience in the field of telecommunications and electronics. IRITEL is a well-established company with strong relations with telecom operators in Serbia and the Ministry of defence

Our main business activities are: research, development, design, manufacturing, engineering, consulting, maintenance and technical and customer training.

IRITEL covers the following areas of telecommunications and electronics:

- Optical transmission systems
- Access transmission systems
- Digital radio communications
- Power electronics







#### Some of the most important IRITEL products and services are:

Access transmission systems:

- Encryption devices
- Vehicle Communication Systems
- TDM over IP devices
- Ethernet over TDM devices

#### Radio communications:

- RCIED iammers (convov/VIP protection)
- · Anti drone jammers
- Cell phone jammers
- Drone detection systems

#### Power electronics:

- · Uninterruptible power supplies for mobile and stationary telecommunication systems
- Distribution units
- Led lamps

#### Telecommunication systems engineering:

- Network design
- Turn-key solutions

#### Manufacturing services:

- SMT production lines
- Devices assembly PCB design service
- Contract & OEM production

#### Quality assurance and environmental testing

IRITEL pays great attention to the highest quality and reliability of its products and services, showing its total quality commitment to the benefit of its customers. IRITEL has a Management Systems: SRPS ISO 9001:2015, SRPS ISO 14001:2015, SRPS ISO 45001:2018. SRPS ISO/IEC 27001:2014 and COPC 9000/21.









Rectifier Hodules

# K-PARACHUTES d.o.o.



- Mite Ružića 8, Belgrade, Republic of Serbia
- +381 11 2860 160
- office@k-parachutes.com
- www.k-parachutes.com

K-Parachutes is a specialized manufacturer of parachute systems, focused on airborne, tactical, rescue, cargo, and aircraft braking parachutes. Our parachutes are in operational use by special forces units, air forces, and manufacturers of military weapons and equipment.

The company was founded in 2012, as a successor to the Kluz parachute legacy, continuing an engineering tradition that began in 1934, with the first parachute production by the Knebl-Ditrih factory.

We produce parachutes for both military and civilian use, in full compliance with modern safety and technical requirements, including NATO standards

#### Core product categories include:

- Airborne parachutes
- Tactical parachutes
- Rescue parachutes
- Cargo parachutes
- Breaking parachutes for aircraft
- Illuminating parachutes for artillery shells, mortar rounds, and similar pyrotechnic systems
- · Specialized parachute systems for drones and light payload deliverv

In addition to military use, we also manufacture sport parachutes, and custom parachutes based on client specifications, samples, or technical documentation. Our product range also includes support equipment: harness systems, ballistic and protective gear, and cargo platforms.

K-Parachutes operates in 2,600 m<sup>2</sup> of production space, with a team of over 40 employees, and the capacity for both batch and custom

All materials and finished products are tested according to current MIL and PIA standards. The company holds an ISO 9001 certificate, and applies multistage quality control procedures at every phase of the process – supported by an accredited testing laboratory. Our long-term collaboration with the Military Technical Institute (VTI). Belgrade is essential for continuous development and innovation.













# MAJKIĆ d.o.o.



Vojvode Putnika 22, Inđija, Republic of Serbia

+381 22 554 880

office@majkic.rs

www.majkic.rs

The company "Majkic doo" from Indjia is a company engaged in production and trade, with the fact that production is still the primary element of our activity. What we have always been able to boast of is certainly a qualified young workforce ready to respond to the high demands of the market, on which we have succeeded and are managing to maintain the rating of a reliable partner for whom quality and price are the main guiding principles in business.

The basis for safe quality is the company's quality management system that complies with the SRPS ISO 9001.2015 standard, which is certified by Global Cert.

The company Majkic doo has managed to develop numerous products for civil and military needs and place them on the market in recent decades.











# MONTAVAR METALNA LOLA d.o.o.



Jugoslovenska 2, 11250 Beograd-Železnik, Republic of Serbia

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office@montavar.rs

www.montavar.rs

The main activity of the company MONTA-VAR Metalna Lola is prefabrication/production and assembly of pipelines, welded steel structures, modernization of combat vehicles BOV 4x4 OT and BVP M80-A for the needs of the Ministry of Defence of the Republic of Serbia, production of pressure equipment, provision of machining services, design and production of other mechanical equipment and spare parts for mines, refineries, chemical plants, hydro and thermal power plants, including a wide range of services from engineering to prefabrication, assembly and pre-commissioning phase into work.

Our production facilities cover about 41,000 m2 in two production halls of the former factory for the production of machine tools "Ivo

Lola Ribar" in Železnik. In addition to a wide range of milling machines, drills, and lathes, we also have a tempering plant, a new sandblaster and the most modern plant for cutting steel sheets.

We continuously invest in the modernization of equipment and the training of personnel. We own a prestigious welding school, which has been successfully attended by over 80 welders so far. Many of them are currently working throughout Europe on the most responsible constructions such as those in nuclear and hydro power plants.

We are proud to point out that machine tools such as horizontal drill-mills, vertical lathes, hydraulic or mechanical presses, made in our facilities meet the quality criteria of the renowned Western European market.

















# MILE DRAGIĆ PRODUCTION



Makedonska 11, Zrenjanin, Republic of Serbia

+381 23 530 457

mdragic@armyequipment.com

www.armyequipment.com

The company Mile Dragić Production was founded in 1985

Started as a small workshop, over time it grew into an internationally recognizable one due to its production of:

- ballistic protective products helmets, plates and vests;
- intervention equipment;
- protective clothing demining kits and filtering suits;
- camouflage equipment camouflage suits and camouflage nets of different types;
- various accessories such as holsters, carriers and pouches for ammunition;
- protective equipment for protection against high temperatures, electric shocks and chemicals.

All our products are made of high quality materials and certified in renowned accredited laboratories. They have great utility values, are extremely comfortable, light in weight and have a high degree of safety.

The network of our users is constantly expanding - our products are used in over 30 countries, first of all in Serbia and the countries of the region, and then also in the countries of Asia, Africa and South America.

Turning to the future, Mile Dragić Production is a visionary who persistently pushes the boundaries with innovations, exceptional quality and an ear for new achievements. This is where our recognizable slogan came from KEEP GOING...





# **NB I.N.A.T**



Milice Miljojkovic 2 , Kragujevac, Republic of Serbia

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www.nbinat.rs

Company NB I.N.A.T. Ltd. (Kragujevac, Serbia) founded in 1994 and since its inception, working on the development and manufacture of small arms .We received the official Act of the Ministry of defence that has issued us a licence for research, product development, technology and production development in the domain of small arms and its individual parts. Therefore, based on the development politics of the company we have received an official Certificate from the Ministry of defence - Material Resources Sector - MILITARY CONTROL OF QUALITY and Certificate for the system management of quality - SRPS ISO 9001:2008 and SORS 9000:2005 in April 2011.

#### Production program:

#### Assault Rifle B15

On the basis of known solutions, such as FN SCAR, Heckler & Koch G36, and the AK47, suit-



able combinations and new ideas has been developed a new rifle in caliber 7.62x39mm, 7.62x51mm and 5.56x45mm. Assault rifle B15 is made from high quality materials that ensure high reliability and long life.

#### Hornet B

The receiver of the gun was prepared, injection molding, high quality polymer, which reduces the weight of the gun and retained high resistance. Barrel of a gun is formed from a material that are specially developed for the production of barrels of firearms. Inner barrel route is hard



surface of the barrel c with surface protection is achieved by high resistance to wear and corrosion resistance.

#### Production parts

We can also offer magazines (TT-33, M57, Makarov, polymer AK47, CZ99) other parts of the gun and much more. These are just some of our production program. We can also offer Snipers, Hunting rifles, Pistols and much more stuff that you can check out on our website.















# THER COMPANIES LICENSED FOR ARMAME

#### TIGAR AD PIROT



Nikole Pašića 197, Pirot, Republic of Serbia

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www.tigar.com

TIGAR and its two factories Rubber Footwear and Technical Goods and Chemical products was founded in 1935 as a small workshop for manufacture of rubber footwear whereas today it is one of the leading producers in the Balkans.

TIGAR TECHNICAL GOODS is a organization part within Tigar company founded in 1966. During these period of its operations Tigar Technical Goods has become a respectable and reliable business partner with a production programme that encompasses a wide range of products for the mining, construction, chemical and automotive industry, sport and recreation, as well as programme for special purpose products.

TIGAR FOOTWEAR is a renowned leader in producing rubber footwear in European market with its strategic location within the Free Zone Pirot, in the south of Serbia. With its production capacity of 2 million pairs of footwer annually, Tigar rubber footwear has a significant share in Europe-

an and other market. Diverse product assortment of handmade products of Tigar Footwear encompasses: protective footwear, army programme work, leisure, hunting and fishing footwear, as well as childrens and fashion rubber footwear.

TIGAR CHEMICAL PRODUCTS is the youngest factory within the company. Product assortment includes adhesives, paints and varnishes for manufacturing, chemical and mining industry, as well as for mass consumption. In the recent years, our adhesive for cold vulcanization of textile transport mining conveyers is the most popular trade item with Bulgaria, Macedonia and South Africa.

TIGAR and its production entities are strategically oriented towards winning new customers and the ambition to obtain a significant position in the global market and presence in the selective market of European Union.



Supporting Wheels for Armoured Vehicles







Fuel Tanks for Airplanes



Invurnerable Wheels

# **UNIPLAST SERBIA**



Maršala Tita 84, Jelenča, Šabac, Republic of Serbia

+381 15 380 997, Tel/Fax: +381 15 380 905

office@uniplastserbia.com

www.uniplastserbia.com

The company "Uniplast Serbia" has been building trust for almost five decades through solutions that last and do not require service, but fulfill their function, leaving a lasting mark in the transport industry.

The core activity of the company is the design and production of vehicle upgrades for delivery and cargo transport, as well as thermal insulation of van cargo areas. Working across all types of chassis and delivery vehicles, the company is especially recognized for its specialized upgrades – including solutions for livestock transport, mobile stores, workshops, laboratories, as well as the manufacturing of certified trailers of all categories and purposes.

By introducing new business processes, we have created brands that shape a distinctive style:

 UNICE – "ice cream transport trucks where ice cream stays cold": upgrades for transporting deep-frozen products.

- UNI

  C thermo insulated chambers, symbolizing insulation, load capacity, hygiene, and everything else that defines their strength.
- UNIVANOS thermo, hydro and other protection for van cargo spaces: a "victory over thermal bridges".
- UNIAL truck closed box upgrades, ranging from lightweight aluminum boxes to strong plywood constructions.
- UNICARGO truck tarpaulin boxes like no other: part of a small business fairytale.
- UNIT trailers of the first, second, third, and fourth categories: engine-free vehicles tailored to your needs.
- UNIBOND modern composite material processing.











# TECHNICAL OVERHAULING INSTITUTIONS

**Technical Overhauling Institutions** are governmental facilities under Ministry of Defence for maintenance, repair, overhaul and modernization of all armaments and military equipment which is in use in the Serbian Armed Forces. They also provide their services to international partners and take part in military-technical cooperation through G2G contracts.

There are three specialized overhaul entities: for Land Forces equipment, for Airforce and airdefence equipment and for all types of ammunition and explosive ordnance.

# TECHNICAL OVERHAULING FACILITY FOR LANDFORCE EQUIPMENT ČAČAK



Pr Dragise Misovica 157, Cacak, Republic of Serbia

+381 32 371 666

www.trzcacak.vs.rs

Technical Overhaul Institute "Cacak" is a facility within Serbian Armed Forces whose basic activity is technical maintenance and general overhaul of combat assets including suitable accompanying systems, set of machines and devices. On the grounds of developed overhaul technology, available capacities and long experience in this technological field, the Institute is able to give a successful overhaul to combat systems: tracked and wheeled vehicles, artillery weapons, missiles and infantry weapons, communication assets, optic and optoelectronic devices, energetic devices and rocket technology.

All of the Institute's developed capacities are also used for providing the civilian sector with different services.







Thanks to successfully developed overhaul technology, available capacities, personnel potential and long experience, the Institute successfully provides the following services:

- Technical maintenance and overhaul of combat and non-combat motor vehicles.
- Production of spare parts,
- Machining.
- Heat treatment and chemical heat treatment,
- Regenerating of parts,
- Chemical and galvanic protection,
- Repair and verification of measuring equipment.

The Institute's development is a continuous process to which special attention is being given. In current technological and personnel conditions, development

- Mastering general overhaul of new technical assets of Serbian Armed Forces.
- Modifications and modernization of assets.
- Production of assets.
- Mastering the production of spare parts,
- Training personnel for maintaining technical assets through organization of different specialized courses.

Technical Overhaul Institute "Cacak" is an important part of the maintenance system of Serbian Armed Forces. It has a respectable year's capacity, equipment, workspace and personnel trained for the maintenance of the most complex systems of Army weapons.

# **AMMUNITION TECHNICAL OVERHAUL INSTITUTION**



Jugoslovenska bb, Kragujevac, Republic of Serbia

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www.trzk.co.rs

Ammunition technical overhaul institution (TRZK) is a military institution specialized in the ammunition maintenance with decades of experience.

#### Basic activities:

- Ammunition assembling and production;
- Ammunition surveillance testing and quality evaluation;
- Ammunition renovation and performance improvement;
- · Ammunition demilitarization based on principles of reverse engineering incorporating concept of material recycling, recovery and
- Design and manufacturing of special equipment and tools for ammo maintenance:
- Design of appropriate capacities for the ammunition renovation and demilitarization

TRZK is the producer of armed drone "KOMARAC 2". It is a single-use armed drone intended for action against shielded and unshielded military personnel, combat equipment, lightly armored and unarmored vehicles at distances of up to 2000 meters. The system is armed with improved shaped charge and fragmentation (High Explosive) warhead OSA M79. It can be activated by impact on target or by direct command of the operator at any time. It is able of penetration on armor of up to 300 mm thickness.

Hand-held rocket launcher 64 mm M80 "ZOLJA", a light weighted recoilless launcher is intended for the destruction and disabling of all types of armored vehicles, reinforced concrete structures and combat equipment. The rocket contains shaped charge warhead. It is able of penetration on armor of up to 300 mm thickness.











#### Renovation / ammunition restoration includes the renovation of:

- Artillerv ammunition caliber 40 - 155mm
- Mortar ammunition caliber 60 - 160mm:
- Hand grenades:
- Anti-personnel and anti-tank
- Rockets.

As an example of ammunition performance improvement. TRZK processes the 122 mm "GRAD" rocket and addopt it for use with 128mm "OGANI" rocket launcher. The rocket contains high explosive fragmentation warhead. It is intended for the destruction or incapacitation of the military personnel and combat equipment. The maximum range of the rocket is 18 kilometers.

Engineering includes design and manufacturing of special equipment and tools for the ammunition maintenance and demilitarization.

#### Design appropriate capacitites for ammunition renovation and demilitarization according to customer's needs including:

- · Design of infrastructure projects and technological lines;
- · Design of special tools and devices for the needs of the renovation and demilitarization processes;
- Preparation of the pyrotechnic safety study;
- · Personnel training for ammunition renovation and demilitarization processes.





# **AERONAUTICAL INSTITUTION MOMA STANOJLOVIĆ**



Pukovnika Milenka Pavlovića 160, Batajnica, Republic of Serbia

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vzmost@vs.rs

www.vzmoma.vs.rs

**The Aeronautical Institution "Moma Stanojlović"** is a part of the Air Force and Air Defence/Serbian Army.

The institution was established in 1916. Throughout its history, it has changed its name and location. At its current location, 20 km northwest of Belgrade, the institution began operations in 1973 and received its name after the national hero, Lieutenant Momčilo Moma Stanojlović.

The institution deals with: maintenance, repair, overhaul (MRO) and testing of aircraft, aircraft assemblies, aircraft armaments, ground and navigation equipment, air defence means, and ground equipment for aircraft servicing.

They also produce spare parts and assemblies for military equipment, conduct research and development (R&D) related to mastering the repair and production of spare parts, and conduct work in the field of metrology.

More than 1,200 aircraft (44 types) and over 10,000 aircraft engines (26 types) have been repaired at the factory so far.











#### REPAIR AND MAINTENANCE:

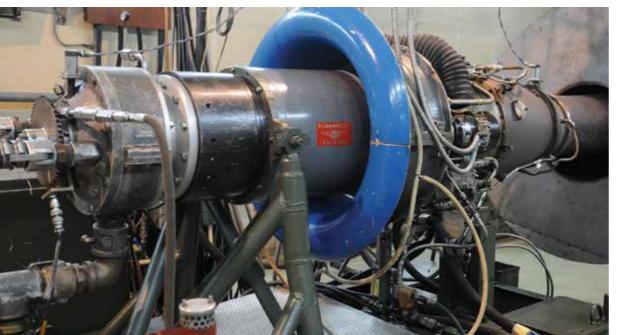
- Aircraft: "Orao", "Utva-75", "Super Galeb" G-4, "Gazelle" SA-341/342;
- Turboshaft engines: ASTAZOU IIIA, ASTAZOU IIIB and ASTAZOU XIVH, ASTAZOU XIVM and TV2-117A, including transmissions;
- Piston engines: Lycoming IO360B1F, Lycoming AEIO 540L1B5D, ASh-62IR;
- · Gas turbine engines: 2PV8, 2PV8-1 and GTD-5M;
- Jet engines: RD-33 and Rolls-Royce Viper Mk. 632-46, 632-41 and 633-41;
- Unmanned aerial vehicles (UAV): "Pegaz", "Sparrow", CH-92A, CH-95;
- Air defence missile systems: 2K12 "KUB M" and S-125 "Neva":
- Radar systems and domes: 1RL-128D, PRV-16, P-12 and P-15;
- Air-to-air missiles: R-3R, R-13M, R-60M/MK, R-27, R-27E, AGM65B;
- · Special purpose vehicles;
- Equipment and armaments.





#### PRODUCTION AND SERVICES:

- · Machining: turning, milling, drilling, planning, grinding, flat honing, sharpening, electrical discharge machining (EDM), thread rolling, punching, shearing, stretching, bending and cutting of sheets;
- Production of rubber and rubber-metal parts;
- Heat treatment;
- · Chemical and electrochemical surface protection (8 lines);
- Painting and preparation for painting;
- · Production and repair of composite structures: small unmanned aerial vehicle "Sparrow", composite tail rotor blades for helicopters Mi-8 and Mi-17, bodies of antenna (1S11) and targeting (1S31) radar observers "RStOn", segments of the Arctic dome for radars, aerodynamic caps of the aircraft propeller Utva-75, repair of aircraft coverings with composite materials and machining of honeycomb cores,
- Final measurement of parts and assemblies with a 3D coordinate measuring machine;
- Testing of parts using non-destructive methods: visual inspection, endoscopic inspection, fluorescent penetrant inspection (FPI), magnetic particle inspection (MPI), ultrasound and eddy currents;
- · Vibration diagnostics and electronic measurement of angular and linear displacements in real time;
- · Review of measuring equipment in the defence system in the Metrology Laboratory (20 measured quantities).







#### **CERTIFICATES:**

- · Certificate APPROVED AIRBUS HELICOP-TERS O&I SERVICE CENTRE for helicopter types SA341 & SA342.
- · Certificate for the production of spare parts for AIRBUS HELICOPTERS Company.
- · Certificate from the authorized certification body DNV Norway according to standards EN9100:2018 and ISO 9001:2015.
- · Part-145 Certificate issued by the Civil Aviation Directorate of the Republic of Serbia for aircraft (Utva 75, Gazelle SA 341/342, Galeb G-2, Piper Seneca V and aircraft engines ASTAZOU III (A and B), ASTAZOU XIVM, Lycoming (IO-360B1F and 540 AEIO L1B5D).
- · Certificate from the military quality control of the Ministry of Defence of the Republic of Serbia according to standards SORS 9000:2021, SORS 9423/18.







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#### **SECTOR FOR MATERIAL RESOURCES**

#### Ministry of Defence of Republic of Serbia

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