



**EXCALIBUR
ARMY**

COMPANY PROFILE



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EXCALIBUR ARMY

DEVELOPMENT, PRODUCTION, MODERNIZATION,
REPAIRS AND SERVICING
OF MILITARY EQUIPMENT

www.excaliburarmy.cz



1995

Our history dates back to 1995. Initially our activities included sales of surplus army provisions and medical materiel, automobile and military equipment.

HISTORY

Since 2000 our company has extended its business with the sale of spare parts for wheeled and tracked military vehicles, sale of spare parts for trucks, weapons, ammunition and other military equipment.

In 2005 a new facility in the former state-owned repair enterprise in Prelouc was opened. Extensive investments and refurbishment provided modernized headquarters for the company management and part of the administrative section. Most importantly though, the acquisition provided repair and servicing capacities and we gradually started the transition from sales to production company.

2000

2005

2012

2015

2018

In January 2015 a strategic partnership with General Dynamics was entered into for the collaboration in PANDUR II 8x8 wheeled armoured vehicle program that helped us reinforce production and maintenance capabilities of modern land vehicles.

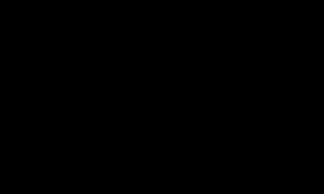
Starting from 2012 EXCALIBUR ARMY rented part of the VOP-026 state enterprise facility.

At the beginning of 2013 the complete manufacturing enterprise with more than 60 year tradition in repairs and production of military vehicles and spare parts was acquired.

In June 2018, we unveiled a new brand that symbolizes the completed transformation of a company previously predominantly concerned with sales and repairs into a modern and fully competitive enterprise with in-house development, the outputs of which have already begun to reap commercial success and find application in armed forces around the world.

PRESENT DAY

We are currently responding to demands from both the domestic and foreign markets. We follow new trends and establish new strategic partnerships. We focus mainly on the development of new products and modernization programs with the potential for serial production. We currently employ over 600 people and continue to increase our production capacity.



Šternberk

Main company headquarters are located in Šternberk together with the majority of our development, production and renovation facilities.



2020

This period is characterized by an intense pace of development. Our successful projects include AM-70 EX, PATRIOT and its CZS-15 TRITON configuration for the Fire and Rescue Service of the Czech Republic, completion of the DANA M2 system, a 155 mm DITA self-propelled howitzer and a TREVA-15 rescue vehicle. We have also started serial production of ballistic cabins for TATRA chassis.

We have opened a newly built R&D center with technologies for design development including 3D scanners and printers. R&D center also offers space for presentation.

2022

In June 2022, we introduced several new products and expanded our portfolio of artillery and military engineering vehicles. The significant change in the security situation in Europe has triggered a new phase of our cooperation with a number of national and international institutions and enabled the acceleration of selected modernisation and production programmes. By responding quickly and efficiently to the increased demand for defence technologies, EXCALIBUR ARMY has recorded its most significant economic results to date.

Přelouč

The main materials warehouses as well as service and repair workshops for wheeled and tracked vehicles are located in Přelouč.





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SERVICES

Our main activities include repairs, modernization, development and production of military vehicles - plus all related services, ranging from spare parts supplies, engine overhauls, to supplies of weapons and ammo, training and other after-sale services. We deliver the entire spectrum of land vehicles - IFVs, tanks, howitzer systems, rocket-launcher systems, wheeled personnel carriers, engineering vehicles, anti-aircraft equipment or TATRA trucks.

We can also offer our services in engineering production with our technologies enabling material preparation and cutting, CNC machining, surface finishing and painting, pre-assembly, assembly and further testing and packaging of products.



OWN DEVELOPMENT

MODERNIZATION

RENOVATIONS

LIFE CYCLE SUPPORT

COMMERCIAL AND RELATED ACTIVITIES



OWN DEVELOPMENT

Over the recent years, EXCALIBUR ARMY has established its own R&D centre, including a dedicated prototype workshop where new vehicles and upgrades are created every year. Through our own solutions we seek to secure not just the future of our company, but the prosperity of military vehicles industry in the Czech Republic as well.

Our designers and engineers create innovative solutions for both hardware and software applications, such as armoured wheeled vehicles, engineering systems and complex artillery weapon controls.



Our newly developed products are subjected to demanding tests, inspections and checks before they are put on the market. The production plant also has its own field testing polygon and shooting range.

OWN DEVELOPMENT



PATRIOT

PATRIOT is a modular design vehicle on TATRA chassis. It can be adjusted to a variety of missions featuring different cab sizes, crew protection levels and equipment. An example of a tailor-made special application is the TRITON, delivered to Fire Rescue Service of the Czech Republic as a command and high risk area reconnaissance vehicle.



155 mm ShKh MORANA

MORANA is the latest product of our artillery program. Since its launch in June 2022, it has been the subject of professional interest thanks to its minimalist three patented speed of deployment and the innovative design of its systems. The turret superstructure is capable of autonomous operation and is fitted with a secondary weapons station.



PUMA CABIN

An entirely new range of armoured cabs for installation on the TATRA FORCE chassis has been completely developed and put into serial production. Currently, three industrially protected designs are offered in different variants of ballistic and anti-mine protection. PUMA cabins have been tested not only during development, but also under real combat conditions.



TREVA-30

The TREVA-30 is a special vehicle designed for the recovery of stranded equipment and other objects, their handling, removal of damaged equipment, evacuation and rescue work, crane work, engineering terrain modifications and removal of obstacles for the needs of recovery and rescue work.



AM-70 EX

The new AM-70 EX bridge-laying vehicle has been designed to transport, launch and load a single bridge section to ensure fast crossing of water and dry obstacles creating a bridge featuring military load classification MLC 70. Gradual interconnection of several bridge sections using telescopic trestle can build over a 100 m long bridge.

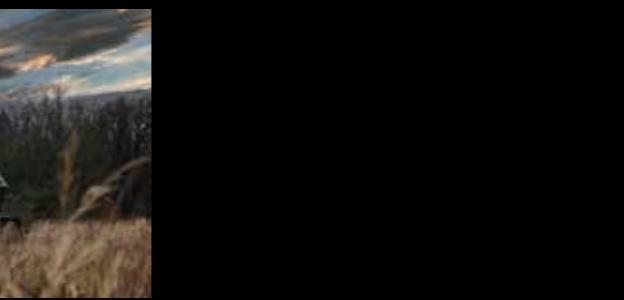


FIRE CONTROL SYSTEM

The modernisation package of artillery systems (rocket launchers, missile systems, howitzers) offers significantly more effective firing control, autonomy of artillery assets and a significant shortening of the process of taking up a firing position, performing a task and leaving the position. Another advantage of the upgrade is the ability to conduct firing without crew members having to leave their protected compartments.

MODERNIZATION

Thanks to our own development we can provide tailor-made modernization of military vehicles, engines and parts.



DANA M2

DANA M2 self-propelled gun howitzer represents the most recent generation of modernization of the well proven vz. 77 DANA self-propelled howitzer. All parts of the vehicle were upgraded, but the greatest improvement comes with the integration of the advanced fire control system with ballistic computer, inertial navigation or automatic gun laying system. Thanks to the upgraded hydraulics the time to take up firing position, to complete the task and depart reduced to half of the original time needed. Visual appearance draws attention to the bespoke designed low armoured overpressure cab.



T-72 EA

The T-72 EA is a modernized version of the T-72 tank aimed at improving firepower, mobility, protection and optical systems. The tank is also equipped with proven dynamic ERA protection.



IFV MEXCA

IFV MEXCA a modernization package for BMP vehicles represents the best that can be achieved on such a platform at minimum costs in comparison to procurement of new BMP vehicles in order to receive a vehicle capable of the 21st century warfare. Unlike the original BMP the modernization covers all areas - MEXCA offers amongst others the increased ballistic and anti-mine protection, a drive unit of the "powerpack" type or the advanced intercom. It can be fitted with many different types of mission kits per customer request or with extra add-on ballistic protection and many others. Partial modernization of the vehicle based on the customer needs is also possible.



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RENOVATIONS



V-55A



V-6M



V-55 AM2



V-46.6



JAMZ-238N



V-84



TE 2T 1050



KAMAZ-7401



V-6-P1



UTD-20 S1



V-6M-K37



T3C-930



UTD-29

RENOVATIONS



LIFE CYCLE SUPPORT

Thanks to our capacities and experience, we are able to ensure the complete life cycle of our produced and repaired vehicles, from the initial design and development, production and servicing, modernization, general overhauls to the final environmental-friendly disposal of out-of-service vehicles, or preservation and storage of equipment.

LIFE CYCLE SUPPORT



COMMERCIAL AND RELATED ACTIVITIES

We are ready to provide top-quality services per each business case - including legal service, license and customs proceedings, packaging, transportation but mostly the after-sale services such as providing repairs and servicing, spare parts deliveries, documentation or training.

COMMERCIAL AND RELATED ACTIVITIES

Prior to each repair of any product an inspection process - fault detection - is carried out. This means a thorough professional inspection and recording of all faults or defective parts observed.

Based on the inspection the requested repair is then carried out. In case of general overhaul the complete vehicle needs to be disassembled, all assemblies and sub-assemblies further taken apart, cleaned, inspected and spare parts either repaired or replaced with new ones and tested after re-assembly in order to ensure full functionality and warranty. The entire process is subject to the quality assurance system certified in accordance with ISO 9001:2015, ISO 14001:2015 and AQAP 2110.



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