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KONŠTRUKTA-Defence, a. s. is a Research & Development company with a long-term proven capability in designing, developing and certifying state-of-the-art land and air defense weapons systems, ammunition, command and control systems, electronic systems and other customized special-purpose superstructures and platforms for both wheeled and tracked vehicles. The company competence and capabilities have been proven over decades of work in the defense R&D business. Products developed, modernized or modified by company skilled and experienced personnel are being used and appreciated by customers round Europe, Middle East and Africa.

NEW PRODUCTS – INNOVATIVE SOLUTIONS

Our customers are provided with a coherent and complete service. We identify customer requirements, provide a solution and subsequently design, develop and certify a final product. Using the computer aided design technology we produce and provide our customers with a complete Technical Data Package (TDP) for a demonstrator, prototype and serial production. Along with the TDP the manufacture of any hardware designed under our development including the demonstrator and prototype is organized under our expert supervision.

TESTING

While disposing with fully equipped testing facility we plan, organize, execute and evaluate all tests and trials that come under the certification of any system we develop. All the process are organized in order to make sure and prove that the system fully conforms with the technical and tactical requirements imposed by a customer.

MODERNIZATION AND UPGRADES

KONŠTRUKTA-Defence, a. s. has become an international player in the global marketplace. We have a deep technical understanding in variety of defense systems spread in reasonable quantities mainly in Europe, Middle and Far East, and Africa. We recognize that there exists a real need in a number of countries to modernize existing systems that are now becoming obsolete after being in service for several decades. This need is expected to grow as national defense budgets continue to shrink. We are here to provide our expertise and produce highly efficient and cost effective solutions.

KONŠTRUKTA-Defence, a.s. has been involved in the defense related R&D business since 1953.

The company core business activities include:

DESIGN AND DEVELOPMENT

Weapons systems

- › Artillery Systems
- › Rocket Launchers
- › Mortar Systems

Ammunition

- › Tank and Antitank Ammunition
- › Artillery Ammunition
- › Unguided Rockets
- › Airborne Bombs
- › Missiles

Electronic systems

- › Control blocks for rocket launcher, artillery, and air defense systems
- › Fire control and command systems
- › Surveillance systems
- › Electronic components and elements for weapons and ammunition systems
- › Simulators and other training systems

Special superstructures and Platforms

- › Integration of weapons systems on both wheeled and tracked chassis
- › Integration of armored turreted superstructures on both wheeled and tracked chassis
- › Ammunition re-supply vehicles and engineering vehicles
- › Other specialized mobile systems

Performance of special tests of weapon systems and other defense related equipment

- › Climatic and mechanical tests
- › Tests and trials of weapons systems, ammunition and their component parts
- › Tests of explosives
- › Tests of engineering equipment
- › Tests of personnel protective equipment (ballistic vests and helmets etc.)

- › Rocket Service Life Extension
- › CE Certification

Product References:

- › 155 mm 52 Cal. SpGH ZUZANA 2
- › 155 mm 52 Cal. TMG EVA
- › 155 mm 52 Cal. SpGH DIANA
- › DELOSYS Artillery Command & Control System
- › SVO A1 Self propelled Explosive Mine Clearing Vehicle
- › Modernized Multiple Rocket Launcher RM-70/85
- › Mortar Systems of 81mm, 98mm and 120mm
- › Modernized Infantry Fighting Vehicle BPsVI
- › NATO AGS Mobile General Communication Component
- › Wheeled Infantry Fighting Vehicles

