



EXCALIBUR ARMY

MAIN BATTLE
TANKS

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EXCALIBUR
ARMY

MAIN BATTLE TANKS



The main battle tanks delivered by EXCALIBUR ARMY are all based on former Soviet tank models that were introduced in the second half of 20th century. Our company has just as long tradition in producing, repairing, renovating and modernizing T-55 and T-72 models as we have provided these services for Czechoslovak armed forces and other Warsaw Pact armies including the Soviet Union ever since after the World War II. Our MBTs can fulfill the tasks required at the battlefield of today. Despite the existence of advanced modern battle tanks, asymmetric conflicts are still unfortunately an every day reality in many parts of the world and EXCALIBUR ARMY tanks are an economic solution for peace keeping in these troubled areas.

OUR MISSION

04-05

MAIN BATTLE TANKS

06-11

T-72 SCARAB
T-72
T-55



**PROTECT
YOUR WORLD**



We believe in a peaceful world where people are free to live by their traditions and feel safe so they can live to the full extent of their dreams. Yet freedom and security are values that need to be protected.

EXCALIBUR ARMY designs, develops and produces a wide range of military vehicles and equipment. We strive to offer only high quality products and provide a variety of services for our customers all around the world. Our production and repair facilities have decades long tradition that reaches back to 1950s. All these years we have never ceased to understand the importance of military industry for national and international security and we are still standing proud by the code that of freedom in defence of which so many lives were lost.

Just as the soldiers of today, we would never wish for history to repeat. We admire their motivation, we are grateful for their determination and thankful for their service. Our first mission is to equip and protect those who have decided to protect you, your future, your world, your way of life and your peaceful traditions and values.

We are here to help you protect everything that is dear to you.

EXCALIBUR ARMY

T-72 SCARAB

A LEGEND, REINFORCED AND ENHANCED TO WITHSTAND THE MODERN BATTLEFIELD

BALLISTIC REINFORCEMENT

Crew protection greatly enhanced with minimal negative effects on vehicle mobility.

REACTIVE ARMOUR

Original Czech-made DYNA explosive armour segments.

STRONGER ENGINE

New V-84 engine has 45 kW higher output than original V-46-6 model.

BETTER OPTICS

Upgraded optical and observation systems.

REMOTELY CONTROLLED AA MG

Original manual operated mount replaced with remote control manipulator.






The T-72 SCARAB is EA's modernized version of well known and still widely used T-72 medium battle tank.

SCARAB is designed for contemporary and assymetric conflicts and also missions against enemy equipped with portable anti-tank weapons such as RPGs or TOWs. Its enhanced crew protection, engine output and observation systems offer wider operational capabilities and longer life cycle.

SCARAB presents a great affordable solution both for government procurement and army maintenance agenda with excellent value for money ratio.

We can also offer other modernization aspects per the customer's preference, including i.e. new engine type, new tracks, modern aiming devices, more areas covered with a reactive armour, meteo sensors, new fire-suppression system and more.



PARAMETERS

weight		43t
dimensions	L	9,530 mm
	W	3,590 mm
	H	2,190 mm
engine	type	V-84
	output	618 kW
mobility	top speed - on road	60 km/h
	top speed - off road	45 km/h
	cruising range	500 km
	fording depth (instant)	1.2 m
	gradient	30°
	side slope	25°
	vertical obstacle	0.85 m
trench crossing	2.8 m	

V-84

12-CYLINDER
V 60 DEGREES
DIRECT INJECTION
MULTIFUEL
4 STROKE
WATER COOLED



SPECIFIC PARAMETERS

armament	main	2A46 / 125 mm	39 rounds
	secondary	PKT / 7.62 mm	2,000 rounds
		NSVT / 12.7 mm	300 rounds

T-72/T-72 M1

SOLID AND PROVEN BATTLE TANK FOR STANDARD MISSION SUPPORT

PROVEN ARMAMENT

Widely used, proven and reliable guns.



STANDARD T-72 PLATFORM

Well available support thanks to standartization as more than 25,000 units were produced.

MOBILITY

Swift acceleration and good maneuvering in tough terrain.

UPGRADES AVAILABILITY

Many upgrades available - including reactive armour, night vision or laser warning.

Renowned classic tank with extensive logistic support availability due to its decades long history of production and successful use by over 40 countries.

Apart from the standard armament consisting of a main gun, coaxial anti-infantry machine gun, secondary anti-aircraft gun and smoke grenade launchers the tank can be fitted with a selection of fire control, passive protection, communication and observation systems.

Its economical availability and logistical advantages make a T-72 a very good choice for security and armed conflict mission support.

CUSTOMIZABLE EQUIPMENT

The T-72 tanks are available in several variants.



DECISIVE FIREPOWER

The 125 mm smoothbore gun 2A46 can fire armour-piercing fin-stabilised discarding sabot (APFSDS), high-explosive anti-tank (HEAT) and high-explosive fragmentation (HEF) projectiles.

SPECIFIC PARAMETERS

armament	main	2A46 / 125 mm	39 rounds
	secondary	PKT / 7.62 mm	2,000 rounds
		NSVT / 12.7 mm	300 rounds

PARAMETERS

		T-72	T-72 M1
weight		41t	43 t
dimensions	L	9,530 mm	9,530 mm
	W	3,460 mm	3,590 mm
	H	2,190 mm	2,190 mm
engine	type	V-46	V-46-6
	output	573 kW	573 kW
mobility	top speed - on road	60 km/h	60 km/h
	top speed - off road	45 km/h	45 km/h
	cruising range	460 km	460 km
	fording depth (instant)	1.2 m	1.2 m
	gradient	30°	30°
	side slope	25°	25°
	vertical obstacle	0.85 m	0.85 m
trench crossing	2.8 m	2.8 m	

V-46

12-CYLINDER
V 60 DEGREES
DIRECT INJECTION
MULTIFUEL
4 STROKE
WATER COOLED



T-55

MAIN BATTLE TANK WITH GREAT ECONOMY OF USE

ARMAMENT

Main gun, anti aircraft and 2 light machine guns.

T-55 PLATFORM

Excellent technical support availability and spare parts supply.

MOBILITY

Good performance in sloped terrain.

AM2 VERSION UPGRADE

Many upgrades available - including reactive armour, night vision or laser warning.

4 | 50 KM/H | 4,000 M

The T-55 tank with a long production history is still available for specific mission support.

As other earlier generation vehicles in our portfolio it presents a very economical choice for armed forces that need to extend its operability against an enemy with less advanced technological means and weaponry.

Good crew protection, maneuverability, reliable engine and arms of a standard T-55 tank can be improved with a set of enhancements coming with model T-55 AM2 – e.g. laser sights, infrared rangefinder and KLADIVO fire control system.



PARAMETERS

weight		38t
dimensions	L	9,000 mm
	W	3,270 mm
	H	2,350 mm
engine	type	V-55
	output	427 kW
mobility	top speed - on road	50 km/h
	top speed - off road	20 km/h
	cruising range	500 km
	fording depth (instant)	1.4 m
	gradient	32°
	side slope	30°
	vertical obstacle	0.8 m
trench crossing	2.7 m	

V-55 AM2 ENGINE - AVAILABLE UPGRADE

12-CYLINDER
V 60 DEGREES
DIRECT INJECTION
MULTIFUEL
4 STROKE
WATER COOLED



SPECIFIC PARAMETERS

armament	main	D10-T2SA/SK / 100 mm	45 rounds
	secondary	2x PKT / 7.62 mm	2,000 rounds
	optional	1x DShKM / 12.7 mm	300 rounds

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