



EXCALIBUR ARMY

GUNS
AND AMMUNITION

www.excaliburarmy.cz



**EXCALIBUR
ARMY**

**GUNS
AND
AMMUNITION**





EXCALIBUR ARMY provides a range of weapons and ammunition for vehicle, craft, portable and handheld use.

Weapons we offer are main tank guns, machine guns, mortars, grenade launchers, rifles and hand guns. Our priority is to supply high quality and reliable arms.

Our ammunition supply features a wide range of cartridges from 5.56 to 155 mm calibre, grenades and mortar mines.

GUNS AND AMMUNITION

M-46 130 MM
2A46M 125 MM
2A28 73 MM/GROM
ANTOS 60 MM
CZ30 30 MM
ZU 14.5 MM
MACHINE GUNS
RIFLES
AMMUNITION

04-15



EXCALIBUR ARMY



M-46 130 mm

TOWED FIELD GUN

PROVEN, EFFECTIVE ARTILLERY SYSTEM

930_{M/S} | **27,150_M** | **130_{MM}**
MUZZLE VELOCITY | CALIBER

The M-46 M1954 130 mm is towed artillery field gun that was developed from a M-36 naval gun and has been produced in Russia since 1950s.

The 52 calibre barrel is mounted on a split-trail carriage that provides stability when firing. Shield provides cover against muzzle blast and machine gun and small arms fire. The gun is manually loaded with separate loading charge and projectiles.

The M-46 is still an integral part of artillery in many countries across Middle East, Africa and Asia.

EFFECTIVE AND WELL
PROVEN ARTILLERY GUN

LONG FIRING RANGE

GOOD MOBILITY
AND FAST DEPLOYMENT

DIRECT FIRE
AND NIGHT SIGHT OPTION
AVAILABILITY

PARAMETERS

weight		7,700 kg
dimensions	L	11,730 mm
	W	2,450 mm
	H	2,550 mm
mobility	top speed - on road	50 km/h
ammunition		130 mm HE - high explosive
		130 mm ILL - illuminating
		130 mm SMK - smoke

SPECIFIC PARAMETERS

gun calibre	130 mm
firing range	27,150 m (38,000 m assisted)
elevation	-2.5°/45°
rate of fire - maximum	8/min
rate of fire - sustained	5/min

2A46 125 mm

MODERNIZED VERSION OF 2A46/D-81T MAIN GUN

900-1,785 M/S | **5,000** M | **125** MM
MUZZLE VELOCITY | **CALIBER**

The 125 mm main gun is an integral part of all Soviet and Russian tanks starting with T-72 model. It was designed for destruction of enemy armoured combat vehicles, equipment and structures.



SPECIFIC PARAMETERS

gun calibre	125 mm
firing range	5,000 m
effective range – armoured targets	1,000-3,100 m
effective range – ground targets	5,000 m
rate of fire – standard	8 rpm
rate of fire – manual loading	2 rpm
muzzle velocity	900-1,785 m/s

PARAMETERS

weight		2,400 kg
dimensions	L	6,381 mm
ammunition		HE
		HEAT
		APFSDS

VARIABLE AMMUNITION

HE, HEAT, APFSDS

LONG RANGE

Effective range up to 5 km.



EXCALIBUR ARMY



2A28 73 mm /GROM

BMP-1 MAIN ARMAMENT, A 73 MM SMOOTHBORE SEMI-AUTOMATIC GUN

665_{M/S}
MUZZLE VELOCITY

5,000_M
RANGE

73_{MM}
CALIBER

Compact and effective weapon, the 2A28 73 mm cannon provides a main combat means for BMP vehicles since 1970s.

Designed to fight against armoured vehicles, structures and to eliminate firing posts in open terrain and urban areas.

RELIABILITY

Decades long history of use have proven the weapon to be exceptionally reliable and effective.

LONG RANGE

Up to over 4 km of effective firing range with high explosive fragmentation round type.

PARAMETERS

weight		115 kg
dimensions	L	2,180 mm
ammunition		PG-15V HEAT
		OG-15V HE

SPECIFIC PARAMETERS

gun calibre	73 mm
firing range	5,000 m
effective range – PG-15V	1,300 m
effective range – OG-15V	4,400 m
rate of fire – standard	5-6 rpm

ANTOS 60 mm

LIGHT AND EFFECTIVE ARTILLERY SUPPORT FOR GROUND TROOPS AND SPECIAL UNITS

UP TO **20** RPM
RATE OF FIRE

3,000 M
M

60 MM
CALIBER

Both available **ANTOS 60 mm** models are designed for immediate ground units fire power enhancement and special ops missions. Light, portable, with variable charges – **ANTOS-LR model** allows a single trooper to cover a distance from 120 up to almost 3100 m with a range of NATO standard 60 mm incendiary or fragmentation explosive, smoke or IR illumination bombs. An ultra-light commando version is available for unprecedented and secured mobility and close combat.



PARAMETERS		ANTOS-LR	ANTOS
weight		15.9 kg	5.3 kg
	with accessories	43 kg	19 kg
dimensions	barrel length	1,000 mm	650 mm
mobility		portable	portable, trigger firing mode available
ammunition		60 mm HEI - high explosive incendiary	60 mm HEI - high explosive incendiary
		60 mm HEF - high explosive fragmentation	60 mm HEF - high explosive fragmentation
		60 mm ILL - illuminating	60 mm ILL - illuminating
		60 mm ILL-IR - illuminating infrared	60 mm ILL-IR - illuminating infrared
		60 mm SMK - smoke effect	60 mm SMK - smoke effect
		60 mm JUMP - dummy training bomb	60 mm JUMP - dummy training bomb

SPECIFIC PARAMETERS	ANTOS-LR	ANTOS
gun calibre	60.7 mm	60.7 mm
firing range – minimum	102 m	80 m
firing range – maximum	3,098 m	1,200 m
elevation	40-85°	40-85°
traverse	360°/6° with bipod fixed	360°
rate of fire – maximum	20 rpm	16 rpm



EXCALIBUR ARMY



CZ30 30 mm

AUTOMATIC CANNON FOR LIGHTLY ARMoured TARGETS AND EQUIPMENT

960_{M/S} | **5,000_M** | **30_{MM}**
 MUZZLE VELOCITY | RANGE | CALIBER

30 mm automatic cannon is suitable for infantry fighting vehicles and armoured personnel carriers such as BMP, but it can be fitted on helicopters. It is designed to engage lightly armoured targets, PTRS sets, enemy infantry or aircraft operating in low altitudes.

CZ30 is equipped with recoil damping system and is favoured for its reliability and long life cycle.

30x165 MM



PARAMETERS

weight		116.5 kg
dimensions	L	3,027 mm
		AP-T
		HE
		HEI
		HE-T
		HETP-T

SPECIFIC PARAMETERS

gun calibre	30 mm
firing range	10,300 m
effective range – armoured targets	1,500 m
effective range – aircraft targets	2,500 m
effective range – ground targets	4,000 m
rate of fire – standard	550 rpm
rate of fire – low	200-300 rpm
muzzle velocity	960 m/s

AVAILABLE FOR BMP-2,
BMP-3 AND OTHER IFVS
AS WELL AS MI-28,
KA-50, KA-52
AND KA-29TB
HELICOPTERS

RELIABILITY

DOUBLE BELT FEEDING

MANUAL OR PYRO
RELOADING (3 CHARGES)

ZU 14.5 mm

HEAVY ANTI-AIRCRAFT MACHINE GUN

8,000_M | **14.5_{MM}**
↑ | CALIBER | ↔

ZU 14.5 mm is an anti aircraft gun available in variable configuration - double or quadruple KPv barrel versions.

Being very light and mounted on a sturdy two wheel carriage it allows virtually any vehicle to tow it to desired position. Its effective firing range limits its use in the modern battlefield, but it is still very effective against aircraft operating in low altitude, including UAVs.



2/4 BARREL
CONFIGURATION

PARAMETERS		ZU-2	ZU-4
weight		660 kg	1,360 kg
dimensions	L	3,870 mm	4,300 mm
	W	1,665 mm	1,900 mm
	H	1,100 mm	1,470 mm
mobility	top speed - on road	60 km/h	60 km/h
ammunition		14.5 mm	14.5 mm

SPECIFIC PARAMETERS	ZU-2	ZU-4
gun calibre	2x14,5 mm KPv MG	4x14,5 mm KPv MG
firing range – maximum	8,000 m	8,000 m
firing range – maximum altitude	5,000 m	5,000 m
firing range – effective altitude	1,400 m	1,400 m
elevation	-15°/88°	-15°/88°
traverse	360°	360°
rate of fire – maximum	600 rpm	600 rpm

**LIGHT AND COMPACT
FOR VERY FAST
DEPLOYMENT**

**EXCELLENT
MANEUVERABILITY -
360° TRAVERSE
AND WIDE ELAVATION
RANGE**

**GOOD SPARE PARTS
AVAILABILITY**

MACHINE GUNS



PKM

PKMSN





DShK



KPVT



PKT



PKB

PARAMETERS	PKM/PKT/PKB	NSVT	DShK	KPVT
calibre	7.62 mm	12.7 mm	12.7 mm	14.5 mm
gun length	1,100 mm	1,560 mm	1,625 mm	1,980 mm
rate of fire - maximum	700-800 rpm	700-800 rpm	600 rpm	600 rpm
muzzle velocity	830 m/s	845 m/s	850 m/s	1,005 m/s
maximum range	3,800 m	6,000 m	6,500 m	7,000 m
effective range against ground targets	1,000 m	2,000 m	2,000 m	3,000 m
weight of the gun	7.5 / 10.5 / 9 kg	25 kg	34 kg	49 kg 39 kg on infantry tripod

RIFLES

We offer **AKM/AKMS rifles**, a modernized version of the renowned **AK-47** system.

Our adjustments have prepared the rifles to be used under the most unfavourable conditions, increasing the guns durability and reliability. Integration of Picatinny rails (MIL-STD-1913 compatible) enables mounting of a wide variety of optoelectronic sights and accessories.



OPTIONAL ACCESSORIES

- RED DOT SIGHT
- LASER SIGHT
- TACTICAL LIGHT
- D-BALL ILLUMINATOR
- NIGHT VISION SCOPE
- SILENCER
- FRONT GRIP
- MUZZLE BREAK

AKM



AKM

polymer grips



AKMS

wooden grips



AKMS

polymer grips



AKMS

KeyMod rail



AKM/AKMS CUSTOMIZABLE CONFIGURATION

We deliver the AKM/AKMS rifles with a selection of modifications and accessories to meet special customer requirements.

AMMUNITION

SMALL, MEDIUM AND LARGE CALIBRE AMMUNITION

EXCALIBUR ARMY delivers a range of original munition for small hand guns, rifles, machine guns, mortars as well as for large arms such as tank guns or artillery systems.

We offer a variety ammo types – standard, armour piercing, high explosive, incendiary, smoke, illuminating and dummy mines or blank cartridges for practice and weapon testing.



SMALL CALIBRE AMMUNITION	TYPE	DESIGNATION	WEAPONS
5.56 × 45 NATO	cartridge	standard	assault rifles (M4, M16, AK-101 etc.)
7.62 × 39	cartridge	standard, AP-T, AP, practice	assault rifles (AK-47, SA-58 etc.)
7.62 × 54R	cartridge	standard	machine guns (PKM, PKT, UK-59)
MEDIUM CALIBRE AMMUNITION	TYPE	DESIGNATION	WEAPONS
12.7 x 108 mm	cartridge	API	DŠK, NSV
14.5 x 114 mm	cartridge	API, HEI	KPVT
23 x 115 mm	cartridge	API-T, HE-I-T	GŠ-23
23 x 152 mm	cartridge	API-T, HE-I-T	ZU-23, ZSU-23
30 mm x 165 mm	cartridge	HE-I, AP-T	2A42 (BMP-2)
30 mm x 211 mm	cartridge	HEI	PLDVK53, PLDVK 53/59
30 mm VOG-17	grenade	HE	AGS
PG-7	cartridge	HEAT	RPG-7
MEDIUM CALIBRE AMMUNITION - PG	TYPE	DESIGNATION	WEAPONS
73 mm PG-15 V	grenade	HEAT	2A28 (BMP-1)
73 mm OG-15 V	grenade	HE	2A28 (BMP-1)
RPG-75 M	grenade	HE	self
RPG-76 (KOMAR)	grenade	HE	self
9M113 Maljutka	ATGM	HE	BMP-1
MORTAR MINES	TYPE	DESIGNATION	WEAPONS
82 mm	mortar mine	HE	mortars
120 mm	mortar mine	HE	mortars

LARGE CALIBRE AMMUNITION	TYPE	DESIGNATION	WEAPONS
100mm	cartridge	HE, HEAT, APFSDS	T-54/55, 100 mm cannon
100mm MT-12	cartridge	HE, HEAT, APFSDS	MT-12 cannon
122mm	cartridge	HE, HEAT	D30, ShH 2S1 Gvozdika
122mm	cartridge	HE	vz. 38/68, vz. 30/78
125mm	cartridge	HE, HEAT, APFSDS, practice	T-72, T-80
152mm	cartridge	HE, HEAT	D-20, ShKH vz. 77 DANA, 2S3 AKACIA
155mm	cartridge	HEAT, practice	NATO 155 mm artillery systems
LARGE CALIBRE AMMUNITION - ROCKETS	TYPE	DESIGNATION	WEAPONS
122mm	cartridge	HE-F	RM-70, BM-21



HIGH QUALITY

We produce high quality and accurate ammunition to provide precision, reliability and weapon performance.

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