

INTERNATIONAL
ARMOUR
GROUP
P.L.C.
www.international-armor.com

MORTARS & GRENADE LAUNCHERS



UKRSPECEXP
EXPORT

www.armour.gr

MOBILE MORTAR COMPLEX



Mobile Mortar Complex (hereinafter – MMK) is designed to support the actions of mechanized (mobile, mountain infantry) battalion-level units (company, platoon) in course of combat with mobile terroristic units and subversive and reconnaissance groups of regular forces in conditions of lack of roads, hard-to-reach regions, open territory.

Main Specifications:

Crew	3
Deployment time	35 s
Time of folding down	25 s
Re-aiming time after fire, not above	8 s
Maximum range of fire	7200 m
Fire speed	12 rounds per minute
Ammunition capacity	60 mines
Horizontal aiming angles	-60° to +60°
Vertical aiming angles	+45° to +80°



- Aiming system of one mortar - GIS (Geographic Information System)
- Topographic referencing - Automatic, GPS



MORTARS

M120-15

MORTAR

Mortar M120-15 is a smoothbore rigid system, charging is carried out from muzzle. The fuse from double charging and rear sight MPM-44M are installed on the muzzle part. Assignment: for defeating of enemy troops and destroying fortifications by plunging fire.



Range of fire, m: **7100**

Rate of fire, shot / min: **12**

Caliber, mm: **120**

Weight in firing position, kg: **230**

Main Specifications:

Elevation angles, degrees	45-85
Crew, persons	5
Wearable ammunition, rounds	48
Horizontal firing angles without bipod reinstalling, degrees	+/- 5

KBA48M1

82-MM MORTAR

Mortar is intended to defeat enemy's manpower and battle weapon, located behind covers, in trenches, ravines and reverse sides of hills, to destroy fortifications.



Range of fire, m: **100 - 4000**

Rate of fire, shot / min: **10 - 15**

Caliber, mm: **82**

Weight in firing position, kg: **48.6**

Main Specifications:

Elevation angles, degrees	45-85
Crew, persons	3
Wearable ammunition, rounds	18
Horizontal firing angles without bipod reinstalling, degrees	+/- 4

KBA.118

60-MM MORTAR



Mortar is intended to defeat enemy's manpower and weapon, located behind covers, in trenches, ravines and reverse sides of hills. It can be used for rapid deployment forces for special operations.

Maximum range of fire, m:
1 430

Rate of fire, shot / min:
15 - 20

Caliber, mm:
60

Weight in firing position, kg:
12.9

Main Specifications:

Elevation angles, degrees	45-85
Muzzle velocity, m/s	148
Horizontal firing angles without bipod reinstalling, degrees	7

KBA.138

MORTAR



Mortar KBA.138 is intended to defeat enemy's manpower and battle weapon, located behind covers, in trenches, ravines and reverse sides of hills. It can be used for rapid deployment forces for special operations.

Maximum range of fire, m:
3 500

Rate of fire, shot / min:
15 - 20

Caliber, mm:
60

Weight in firing position, kg:
23

Main Specifications:

Elevation angles, degrees	45-85
Muzzle velocity, m/s	244
Horizontal firing angles without bipod reinstalling, degrees	+/- 4



MORTARS

M60-16

MORTAR

Assignment: for arming the air assault infantry brigades and special operations teams. Represents smooth-bore system of recharge is carried out from a barrel. The safety lock from double loading and the sight MPM 44M are established on a barrel.



Range of fire, m: **3500**

Rate of fire, shot / min: **25**

Caliber, mm: **60**

Weight in firing position, kg: **23**

Main Specifications:

Elevation angles, degrees	40-85
Crew, persons	3
Wearable ammunition, rounds	20
Horizontal firing angles without bipod reinstalling, degrees	+/- 4

M60

MORTAR

Represents smooth-bore system of recharge is carried out from a barrel. On the barrel the electronic scope is mounted which shows the distance to the target, slope angle and wind correction.



Firing range, m: **1 000**

Rate of fire, shot / min: **25**

Caliber, mm: **60**

Weight in firing position, kg: **8**

INGUL

PORTABLE ROCKET GRENADE LAUNCHER



Portable rocket grenade launcher is designed to destroy lightly-armored and unarmored equipment (launchers, radar, parked aircrafts, cars etc.), field-type constructions (permanent fire positions, earth-and-timber emplacements), as well as personnel located outdoor, in shelters, in stone, brick or concrete buildings and constructions.

Main Specifications:

Warhead high-explosive fragmentation, armor penetration, mm	50
Warhead high-explosive fragmentation, number of fragments of less than 2 g weight, pcs.	250
Warhead thermobaric, overpressure in shock front at 10 m distance from the initiation point, kPA (kgf/cm ²)	20 (0.2)
Weight, kg, launcher with sight	8.2
Weight, kg, grenades in container	11.4

Maximum firing range, m:
800

Minimum range of fire, m:
70

Sight distance, m:
UP TO 500

RPG M7

MAN PORTABLE ANTITANK GRENADE LAUNCHER



Assignment: fighting against enemy armored vehicle at average and near distance.

Main Specifications:

Weight of grenades, kg	2-4.5
Crew, persons	2
Wearable ammunition, rounds	5
Barrel length, mm	950
Barrel weight, kg	6.3

Firing range, m:
550

Caliber, mm:
40

Rate of fire, shot/min:
4 - 6

Weight in firing position, kg:
10



GRENADE LAUNCHERS

KBA.117

AUTOMATIC GRENADE LAUNCHER

Is designed to defeat enemy's manpower and fire weapons, located in the open terrain or entrenched. KBA.117 is used in a combat module, mounted on lightly armoured vehicles (ICVs, APCs, etc.).



Maximum firing range, m **1 700**

Rate of fire, shots/min, not less than: **400**

Caliber, mm: **30**

Maximum ordinate of a trajectory, m: **905**

Main Specifications:

Length, mm	840
Grenade muzzle velocity, m/s	185
Weight without ammunition box, kg	18
Weight of ammunition box with 29 grenades, kg	14.5

40MM UNDERBARREL GRENADE LAUNCHER

This 40mm Underbarrel Grenade Launcher is a soldier's individual antipersonnel weapon intended to destroy the enemy's manpower in open terrain, entrenchments, foxholes, or on hill back slopes. Underbarrel grenade launcher is used as part of 5.45/7.62 mm Kalashnikov assault rifle (of AKM, AKMC, AK-74, AKC-74 model) or independently with using a telescopic butt-stock. This Grenade Launcher is able to fire BOГ-25/BOГ-25П grenades.



Effective firing range, m **100 - 400**

Rate of fire, shots/min: **5-6**

Caliber, mm: **40**

Main Specifications:

Main bore length	100 mm
Barrel rifling	12-groove
Overall length	280 mm
Weight, kg	1.55

www.armor.gr