

FOUR BARREL ANTI-AIRCRAFT CANNON

WARRIOR ZU-14.5-4

14.5mm four-barrel anti-aircraft cannon Warrior ZU-4 is a powerful weapon for combating enemy air targets up to 2000m.

The weapon can be successfully used to defeat ground lightly armored targets and the enemy's manpower.

The sizes and weight of the Warrior ZU-4 allows to be transported on airplanes in assembled or disassembled form.



The construction of the weapon allows its quick disassembly into main parts

Warrior ZU-14.5-4 is transported in a truck over long distances and by towing behind the vehicle for short distances

The directing of the machine guns is done by means of the elevating mechanism and the side positioning mechanism.

Aiming at anti-aircraft targets is done with the help of an automatic anti-aircraft machine gun sight ZAPP-2

TECHNICAL DATA

Caliber, mm	14.5 mm.
Cartridge caliber, mm	14.5x114mm.
Weight in traveling position (including four machine guns , aiming sight and four cans with link belt and 600 cartridges) , kg	1360.00 kg.
Base weight of anti-aircraft cannon (without machine guns , ammunition's cans and cartridges)	950 kg.
Weight of one 14.5x114mm Machine gun, kg	50.20 kg.
Weight of unloaded link belt for 150 cartridges , kg	5.00 kg.
Weight of link belt loaded with 150 cartridges, kg	35.50 kg.
Weight of ammunition can with link belt loaded with 150 cartridges, kg	41.50 kg.
Weight of ammunition can, kg	6.00 kg.
Weight of the Barrel with flash suppressors, kg	19.70 kg.
Length of the machine gun, mm	2000.00 mm.
Aiming range, m	2000.00 m.

CONTACTS:

BULARMAS LTD.
www.bularmas.com

bularmas@ivnv.bg
+359 2 470 99 08

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7, Akad. Petar Dinekov str.
Bulgaria, Sofia 1415

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Technical rate of fire of anti-aircraft system (rate of fire of four Machine guns), rounds/min	2200-2400 r/min.
Combat/practical rate of fire (of four Machine guns) , rounds/min	600 r/min.
Muzzle velocity of bullets B-32, BZT, BS-41, PZ and BST, m/sec.	980-1010 m/s.
Average weight of the cartridges , g	200.00 g.
Weight of bullets B-32, BZT, BS-41, PZ and BST, g	60.00-69.00 g.
Length of the cartridge with the specified bullets, mm	156.00 mm
Dimensions in combat position (elevation angle 0°)	
Length, mm	4300.00 mm.
Width, mm	1900.00 mm.
Height, mm	1500.00 mm.
Horizontal firing angle , degrees	360°
Vertical firing angle, degrees	From - 15° up to + 90°
Steering/guidance speed (at two rounds of the flywheel per second)	
Horizontal, degrees/sec	56 °/sec.
Vertical, degrees/sec	35 °/sec.
Max. speed on road, km/h	60 km/h.
Max. speed of road, km/h	20 km/h.

COMPLETE SET OF 14.5MM WARRIOR ZU-4-14.5*

Chassis (platform) for four machine guns	1 pc
14.5mm Machine guns KPVT	4 pcs
Automatic anti-aircraft machine gun sight ZAPP-2 , including collimator sight and sight for ground targets	1 pc
Ammunition box for 150 cartridges	8 pcs
Links for belts for 14.5x114mm Cartridges	1200 pcs
Spare barrels	4 pcs
Barrel cooling case/bath	1 pc
SPTA set	1 pc

* The exact composition of the complete set will be specified in each offer and can be changed depending on the customer's requirements