MTU-4M - QUADRUPLE SHORT-RANGE MISSILE LAUNCHER ON THE VEHICLE HAJDUK

The MTU-4M system obtains receiving and processing of target data from radar “Giraffe”. Digital data processing includes correction of received target data depending on the radio signal delay from the radar, prediction by linear tracking, calculation of the distance to the target and target azimuth.

System is designed to launch missiles: 9K32M and 9K38M. It is integrated on the off-road vehicle Hajduk and includes: thermal camera, global navigation satellite system, inclinometer, “Thales” radio device, tablet and monitor.

The quantity of missiles on the launcher is 4, and it is also equipped with a 12,7 mm machine gun for self-defense purposes.

TECHNICAL CHARACTERISTICS OF MISSILES:

9K32M (Strela-2MA):

Target firing distance:	from 500 to 4200 m
Target firing height:	from 50 to 2300 m
Medium rocket speed:	500 m/s
Launcher dimensions:	Length 1500 mm
Rocket dimensions:	Length 1440 mm
Caliber:	72 mm
Mass:	9,8 kg
Max. target speed at leaving/reaching:	260/150 m/s

9K38M (Silo):

Target firing distance:	from 500 to 5200 m
Target firing height:	from 10 to 3500 m
Medium rocket speed:	570 m/s
Launcher dimensions:	1.708 mm
Rocket dimensions:	Length 1574 mm
Caliber:	72 mm
Mass:	10,6 kg
Max. target speed at leaving/reaching:	400/320 m/s

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