

**MALYUTKA 9M14M  
ANTI-TANK MISSILE SYSTEM  
CALIBRE 125 MM**



# MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM

## GENERAL 1

9M14M MALYUTKA  
(N.A.T.O Designation  
AT-3 SAGGER)

Wire Guided  
Anti-Tank Missile  
with high hit probability  
at ranges up to 3000 m  
with either Manual  
or  
Semi-Automatic Guidance System.



# MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM

## GENERAL 2

9M14M MALYUTKA  
(N.A.T.O Designation AT-3 SAGGER)

The weapon can be operated  
by either a man-crew  
(infantry, special forces, etc)  
or can be mounted on a variety  
of platforms such as  
I.F.V / A/P.C  
and Helicopters.



# MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM

## DESCRIPTION 1

9M14M MALYUTKA

System comprises  
three (3) main elements:

Designation

9M14P1

9P111-2

9S415M

Description

ROCKET

LAUNCH BOX

CONTROL PANEL





# MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM

## DESCRIPTION **2**

### LAUNCH BOX 9P111-2

The Launch Box is used for storage of the following elements:

- Rocket 9M14P1
- Warhead with fuze
- Launch Rail
- Fibre Cable, 16 m long, with 4-poles plug for attachment to control panel
- Winding Reel
- Two (2) belts for secure fixing of the Box on the ground

Service life of the Launch Box is ten (10) firings. After the 10 firings it is mandatory to return to factory for inspection and if necessary for repair and overhaul. Damages are caused mainly from rocket motor hot gases of the burnt propellant



# **MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM**

## **DESCRIPTION 3**

CONTROL PANEL      9S415M

The Control Panel comprises the following elements:

- Power Cell (Battery) 12 V
- Optical Sight (for manual guidance)
- Joystick for guidance commands
- Six (6) Plug Connector



# **MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM**

## **DESCRIPTION 4**

CONTROL PANEL      9S415M

A Launch Button located at the top of the Control Panel and also a Selector Switch for selection of one of four (4) rockets that may be launched and individually guided to the target.

On the front side of the Panel there are four 4-Pole Connectors onto which up to four (4) rockets can be attached.

Internally the Control Panel contains a number of Electronic Circuit Boards for Signal Processing and Command Signals sending to the rocket and receiving from the Rocket Gyroscope.



# **MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM**

## **SPECIFICATIONS**

CALIBRE	125 mm
ROCKET LENGTH	985 mm
ROCKET MASS	12.6 Kg
WING SPAN	393 mm
RANGE MINIMUM	500 m
RANGE MAXIMUM	3000 m
VELOCITY	120 m/s
PENETRATION	750 mm
HIT PROBABILITY (MANUAL)	> 60%
HIT PROBABILITY (SEMI-AUTO)	> 80%
OPERATING TEMP. RANGE	-30 °C to +50 °C





# **MALYUTKA 9M14M ANTI-TANK MISSILE SYSTEM**

## **PACKING / PACKAGING**

1 SYSTEM IN A WOODEN CASE

CASE DIMENSIONS 1051 X 340 X 350 mm

CASE VOLUME 0.13 m<sup>3</sup>

HAZARD CLASS 1.1D

U.N No. 0287