

RCWS MGC 01

FOR THE NSV 12,7 MM MACHINE-GUN



KEY FEATURES

- ┐ **The MGC 01 is a unique and effective system for the T-72 or T-55 main battle tank**
- ┐ **Protects the gunner or commander of the main battle tank against enemy fire**
- ┐ **Easy installation and replacement of the MGC 01 system within the machine-gun**

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The MGC 01 remote control weapon system is designed primarily for the NVS 12.7 mm machine-gun, specifically for T-55 and T-72 battle tanks and their upgraded versions. The system can also be fitted to armored personnel carriers and other vehicles. The tank commander operates the station from inside the tank tower, using a monitor with an analog connection to a camera attached to the weapons station.



ADVANTAGES OF MGC 01

- ┌ An analog signal is transmitted from the camera to a display inside the tank - zero delay and high resistance to extreme temperatures.
- ┌ The gun can be fired at an elevation of between -3° and $+60^{\circ}$, at an azimuth of 360° , comparable to modern weapons stations.
- ┌ Allows charging of electrical weapons, controlled from inside the tank.
- ┌ The MGC 01 system design is visually similar to the original, manually operated carriage and the enemy consequently has a lower chance of distinguishing the upgraded version from the original version.
- ┌ Provides the tank commander with excellent protection against fire.
- ┌ In the event that the weapons station blocks the hatch during an accident, a simple mechanism can be used to exit the tower space.
- ┌ Easy to install, weapons and carriages are easy to repair and replace (tank operator).
- ┌ Delivered in a set for quick installation in the field (no service centers for installation of weapon stations necessary).
- ┌ Day-night vision.

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TECHNICAL DATA

Type	Remote Control Weapon Station
Designed for weapon	NSV 12,7 mm
Controls	Electric
Weapon charging	Remote (in case of attack)
Azimuth / Elevation	360° / -3° to $+60^{\circ}$
Camera	VISION VB30S, day-night vision
Max. weapon range	6,000 m
Temperature limits	-40°C to $+60^{\circ}\text{C}$

