BOJHOTEXHUYKU UHCTUTYT MILITARY TECHNICAL INSTITUTE

МИНИСТАРСТВО ОДБРАНЕ РЕПУБЛИКЕ СРБИЈЕ REPUBLIC OF SERBIA MINISTRY OF DEFENCE



REMOTE CONTROLED WEAPON STATION 20 mm (RCWS 20 mm)



Remote controlled weapon station 20 mm is designed to be integrated on various existing and future vehicle platforms. Main purpose of the RCWS is destruction of infantry, armored and other vehicles and tanks using integrated weapons up to distance of 3.000 meters. In the case of power loss RCWS can be operated like traditional turret designs.

TECHNICAL CHARACTERISTICS:

Armament: - 20 mm M55 autocannon (20x110 mm)

- 7,62 mm M86 machinegun (7,62x54 mm)

- 30 mm M93 AGL (30x29 mm)

- ATGM Maljutka 2T, 2F or 9M14P1

Ammunition capacity - 180 rounds for autocannon

- 600 rounds for machinegun

- 29 rounds for AGL

- 2 ATGMs

Dimensions (L / W / H): - 3140 mm / 1910 mm / 1260 mm

Traverse angles:

Elevation angles:

Max. angular velocity (traverse):

Max. angular velocity (elevation):

- n x 360°

- -5° / +45°

- 50°/s

- 35°/s

Type of movement: - manual / electrical

Combat mass: - 1.430 kg

Main sight: - TV camera with optical zoom

- Thermal camera with optical zoom

- Laser rangefinder

Backup sight: - DNS-1 Missile guidance: - SACLOS

Autocannon feeding system: - belt, single feed





