



KIKLOP

Remotely controlled weapon station 20 mm



The RCWS 20/1 KIKLOP is armed with a 20 x 110 mm gun effective at ranges up to 2000 m, and equipped with up-to-date optoelectronic sensors. It is controlled by an advanced power unit i.e. a motor with zero-backlash gear reducers providing easy control and better accuracy at long ranges.

It is intended to be used against ground targets (light armored vehicles, transporters, command posts, logistics support bases, enemy troops), seaborne targets (mobile and stationary vessels), airborne targets (helicopters, transport aircraft, slow low-flying aircraft, UAV's, cruise missiles, paratroopers etc.).

The weapon station can be mounted on vehicles (four-wheel plus drive), vessels (patrol boats or ships), or any stationary structures (airports, military bases etc.) for perimeter security purposes.



Technical data :

• Width x Height x Length	~ 1200 x 600 x 3200 mm
• RCWS weight (without ammunition)	~ 900 kg
• Drive type	electrical
• Field of action in traverse	n x 360°
• Field of action in elevation	-5° to + 60°
• Automatic gun type	M55, modernized
• Caliber	20 mm (20 x 110 mm)
• Feeding type	link belt
• Rounds per ammunition box	250 rounds
• Muzzle velocity	850 m/s
• Effective range	2000 m
• Rate of fire	650-730 rounds/min
• Coaxial gun:	PKT 7.62 mm and smoke pot launcher
• PKT rate of fire:	650-750 rounds/min
• Muzzle velocity:	800-850 m/s
• Feeding type:	ammunition box with belt containing 250 rounds
• Effective range:	800 m

Sensor block data:

Day channel:

• Sensor type	1/2.8" CMOS
• Magnification	36x
• Angle of view	63.7° (wide) to 2.3 (telescopic)

Night channel (night vision camera):

• Sensor type	640x512 VOx Microbolometer
• Spectral range	7.5 – 13.5 µm
• Field of view	6.2° x 5°

Eye-safe laser range finder:

• Wave length	1540 nm
• Measuring range	80 - 10000 m
• Measuring error	± 5 m