



01 / SYSTEM OVERVIEW

KERBER

20 mm remote controlled weapon station KERBER



FIG 01 PRODUCT CONFIGURATION

20 mm (20 x 110 mm)

CALIBRE

1950-2250 rounds/min

RATE OF FIRE

850 m/s

MUZZLE VELOCITY

~ 1400 kg

WEIGHT OF THE WEAPON STATION (WITH LOADED DRUMS)

01.1 / OVERVIEW

A vehicle-mounted remote weapon station built around a triple-barrel 20 mm gun with drum feeding, operated from an in-vehicle console with joystick and ballistic computer, and served by a sensor unit with day channel, thermal imaging camera and laser range finder.

TYPE

Vehicle & weapon station

CALIBRE

20 mm (20 x 110 mm)

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



TECHNICAL DATA

KERBER / WEAPON SYSTEM

DIMENSIONS AND MASS

Width x height x length	1650 x 800 x 4500 mm
Weight of the weapon station (with loaded drums)	~ 1400 kg
Calibre	20 mm (20 x 110 mm)
Laser range finder wave length	1540 nm

PERFORMANCE AND OPERATION

Field of fire in elevation	-5° to +70°
Muzzle velocity	850 m/s
Rate of fire	1950-2250 rounds/min
Day channel angle of site	63,7° (wide) to 2,3° (tele)
Night channel spectrum range	7,5 - 13,5 µm
Laser range finder measuring range	80 - 10000 m
Laser range finder measurement error	± 5 m



TECHNICAL DATA

KERBER / WEAPON SYSTEM

ADDITIONAL TECHNICAL DATA

Start-up mode	electric
Field of fire in azimuth	n x 360°
Gun type	HISPANO M55
Feeding method	drum
Number of rounds per drum	60
Combat set	3 drums on the gun, 3 in the turret, spare drums in the vehicle
Firing options	single and burst fire, from the middle barrel, two lateral barrels or all three barrels
Day channel sensor type	1/2,8" CMOS
Day channel magnification	36x
Night channel sensor type	640 x 512 VOx microbolometer
Night channel field of view (H x V)	6,2° to 5°
Smoke pot launchers	4, operated from the control panel



CONFIGURATION VIEWS

KERBER / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / on 6x6 carrier

