



01 / SYSTEM OVERVIEW

M71/08

20 mm shipborne anti-aircraft gun M71/08 with fire control system



FIG 01 PRODUCT CONFIGURATION

20 mm

CALIBER

5500 m

MAXIMUM RANGE - HORIZONTAL

485 kg

WEAPON WEIGHT WITH LOADED DRUM

70 cal.

BARREL LENGTH

01.1 / OVERVIEW

Shipborne 20 mm gun mount intended for close air-defence protection of small ships against low-flying, low-speed aircraft and helicopters, and usable in day and night conditions against small ships, patrol boats, land facilities, motor vehicles and troops.

TYPE

Fire control & survey

CALIBRE

20 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.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M71/08 / WEAPON SYSTEM

DIMENSIONS AND MASS

Caliber	20 mm
Barrel length	70 cal.
Weapon weight with loaded drum	485 kg
20 mm automatic gun weight	49 kg
Weight of full drum	28 kg
Weight of empty drum	12,5 kg
Firing line height	1150 mm
Laser rangefinder - wavelength	905 nm

PERFORMANCE AND OPERATION

Projectile muzzle velocity	850 m/s
Efficient range	2000 m
Maximum range - horizontal	5500 m
Maximum range - vertical	4000 m
Range of laying angles - in traverse	360°
Range of laying angles - in elevation	-10° to +90°
Laser rangefinder - measurement range	30 - 2.500 m
Laser rangefinder - beam divergence	≤ 1.5 mrad
Collimator sight - angle value of reticle radius	1.2°, 3.6° and 6°



TECHNICAL DATA

M71/08 / WEAPON SYSTEM

CONFIGURATION AND SUPPORT

Day sight with CMOS camera - optical zoom	36x
Day sight with CMOS camera - field of view	63.7° (wide) to 2.3° (tele)
Collimator sight - magnification	1 x
Boresighting telescope 20 mm - magnification	3,6 x
Boresighting telescope 20 mm - field of view	5°

ADDITIONAL TECHNICAL DATA

Operating principle	Gas-operated
Feeding	From the drum, capacity 60 rds
Allowed number of rounds in uninterrupted fire	180 rounds
Barrel cooling after 180 rounds in uninterrupted fire	5 to 10 min.
Automatic gun	20 mm M55, fed from easily replaceable drums of 60 rounds
Fire control system	Modular: day sight with CMOS camera, night sight with TI camera, laser rangefinder, ballistic computer, collimator sight, boresighting telescope
Night thermal imager - sensor type	VOx microbolometer 640 x 512
Night thermal imager - field of view	10.4° x 8.3°
Night thermal imager - spectral band	7.5 - 13.5 µm
Night thermal imager - digital zoom	2x, 4x and 6x



CONFIGURATION VIEWS

M71/08 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / operator control console

