



01 / SYSTEM OVERVIEW

M08 / M87N

M08 aeronautical pod with 12.7 x 99 mm M87N machine gun



FIG 01 PRODUCT CONFIGURATION

2000 m

EFFECTIVE RANGE

**680 to 800
rounds/min**

RATE OF FIRE

845 m/s

MUZZLE VELOCITY

95 / 69 kg

POD MASS, FULL / EMPTY MAGAZINE

01.1 / OVERVIEW

Under-wing aeronautical gun pod for light piston/propeller trainer aircraft, integrating a 12.7 x 99 mm M87N heavy machine gun, 150-round belt, nitrogen pneumatic cocking and a cockpit control box with selectable burst modes.

TYPE

Gun pod

CALIBRE

12.7x99 mm

STANDARD

NATO

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

M08 / M87N / WEAPON SYSTEM

DIMENSIONS AND MASS

Pod mass, full / empty magazine	95 / 69 kg
Pod length	1870 mm

PERFORMANCE AND OPERATION

Muzzle velocity	845 m/s
Effective range	2000 m
Rate of fire	680 to 800 rounds/min
Working pressure	8 bar

CONFIGURATION AND SUPPORT

Magazine capacity	150 rounds in the belt
Pneumatic recocking capacity	3 to 5 cycles per flight

ADDITIONAL TECHNICAL DATA

Pod diameter	340 mm
Weapon	Heavy machine gun M87N, calibre 12.7 x 99 mm, with cradle
Pneumatic cocking working fluid	Nitrogen
Voltage	28 V +/- 4
Short-burst mode	5 rounds
Long-burst mode	10 rounds
Firing modes	Short bursts, long bursts and sustained bursts
Recoil control	Shock absorber and muzzle brake
Control box features	Ammunition, breech-block, brake and working-fluid-pressure indication; cocking; weapon locking; firing-mode selection; aircraft-control-stick trigger



CONFIGURATION VIEWS

M08 / M87N / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / gun control panel

