



HK121

Universal Machine Gun. Modular. Reliable. Superior.

As the successor of the MG3, the HK121 opens a new era of universal belt fed 7.62 mm x 51 NATO calibre machine guns. Compared to others, the gas operated HK121 offers an intelligent and contemporary build standard, with numerous technical and ergonomic innovations. The mounting interface of the HK121 is compatible with MG3 mounts and tripods already in service. The universal HK121 can be used by dismounted infantry in the ground role, as well as for air defence or as a vehicle mounted/co axial machine gun. The Universal HK121 is designed to meet the complex tactical demands of the modern battlefield.



FEATURES

- ▶ COCKING IN ALL SAFETY POSITIONS
- ▶ WITHSTANDS BARREL OBSTRUCTION TEST IN ACCORDANCE WITH NATO-AC225/D14 STANDARDS (SOFT CORE AND STEEL CORE AMMUNITION DM111A1, DM151)
- ▶ CAN BE INSTALLED ON ALL MOUNTS AND TRIPODS ORIGINALLY DEVELOPED FOR MG3 MACHINE GUNS
- ▶ DAY AND NIGHT FIGHTING CAPABILITY
- ▶ NATO-STANAG 4694 MOUNTING RAILS
- ▶ MISSION RELATED OPTIONAL BARREL LENGTHS (QUICK CHANGE BARREL WITH CARRYING HANDLE)
- ▶ TOOL-LESS AND SIMPLE RECONFIGURATION TO A MOUNTED, UNIVERSAL, SPECIAL FORCES OR INFANTRY MACHINE GUN
- ▶ 3 POSITION RATE OF FIRE ADJUSTMENT
- ▶ BELT FED WITH WEAPON STATE INDICATOR

- ▶ AMBIDEXTROUS SAFETY/FIRE SELECTOR LEVER
- ▶ SIMILAR OPERATION TO MG4
- ▶ MODERN DESIGN BUFFER REDUCES RECOIL AND STABILISES THE RATE OF FIRE
- ▶ BLACK AND GREEN BROWN COLOUR SCHEME
- ▶ FIXED, FOLDABLE AND ADJUSTABLE LENGTH BUTTSTOCK OPTIONS

USAGE

- ▶ MACHINE GUN FOR ENGAGEMENT OF SINGLE OR MULTIPLE TARGETS (SUPPORT/SUPPRESSIVE FIRE)
- ▶ MOUNTED AS FIELD/VEHICLE MACHINE GUN OR DEPLOYED AS AN ANTI-AIRCRAFT WEAPON (E.G. ON FLW100)
- ▶ INTEGRATED AS A SECONDARY OR COAXIAL ARMAMENT (INFANTRY FIGHTING VEHICLE TURRET CONFIGURATION)
- ▶ SUSTAINED FIRE SUPPORT WEAPON FOR MOBILE INFANTRY



HK121

Technical Data



	HK121 I	HK121 U	HK121 S	HK121 EBW
Calibre	7.62 mm x 51 NATO			
Operating principle	gas-operated			
Bolt system	rotating bolt, fires from the open bolt			
Feed mechanism	belt fed from left side, NATO 7.62 disintegrating links			
Modes of fire	0-D (automatic)			
DIMENSIONS				
Length min. max.	approx. – 1060 mm	approx. 960 mm 1160 mm	approx. – 1012 mm	approx. – 1055 mm
Width	approx. 120 mm	approx. 120 mm	approx. 171 mm	approx. 120 mm
Height ¹	approx. 285 mm	approx. 239 mm	approx. 239 mm	approx. 195 mm
Barrel length ²	approx. 460 mm	approx. 550 mm	approx. 550 mm	approx. 663 mm
Sight radius	approx. 600 mm	approx. 602 mm	approx. 602 mm	–
WEIGHT				
Weapon ³	approx. 9.90 kg	approx. 11.20 kg	approx. 12.10 kg	approx. 10.00 kg
Barrel	approx. 2.50 kg	approx. 3.00 kg	approx. 3.00 kg	approx. 3.24 kg
Bipod	–	approx. 0.70 kg	approx. 0.70 kg	–
Grip Pod	approx. 0.30 kg	–	–	–
OTHER DATA				
Trigger pull	approx. 35 - 80 N	approx. 35 - 80 N	approx. 35 - 80 N	approx. 35 - 80 N
Rate of fire ⁴	approx. 600/700/800 rounds/min	approx. 600/700/800 rounds/min	approx. 600/700/800 rounds/min	approx. 600/700/800 rounds/min
Muzzle velocity -v0- ⁵	approx. 785 m/s	approx. 810 m/s	approx. 810 m/s	approx. 840 m/s
Muzzle energy -E0- ⁵	approx. 2912 J	approx. 3100 J	approx. 3100 J	approx. 3334 J
Barrel profile Twist	groove/land profile, 4 grooves right-hand twist	groove/land profile, 4 grooves right-hand twist	groove/land profile, 4 grooves right-hand twist	groove/land profile, 4 grooves right-hand twist
Sights ⁶	dioptr sight	dioptr sight	dioptr sight	–
Max. effective range	approx. 600 m (bipod)	approx. 600 m (bipod) approx. 1200 m (gun mount)	approx. 1500 m	approx. 1500 m
Colour scheme	■ ■	■ ■	■ ■	■ ■

¹ without sight, front sight folded down | ² without flash hider | ³ dependent on weapon configuration | ⁴ adjustable rate of fire (3 position) | ⁵ ammunition DM111A1/AB22 | ⁶ various optical sights and accessories on STANAG 4694 rail



■ GREEN BROWN

■ BLACK