



MG4 E | LIGHT MACHINE GUN

5.56 mm x 45 NATO

SUPERIORITY HAS MANY DIMENSIONS. THE LATEST ONE IS THE MG4 E.

LIGHTWEIGHT, COMPACT AND WITH HIGH FIRE POWER: THE MG4 E MEETS ALL FUTURE REQUIREMENTS WITH RESPECT TO MOBILITY AND FIGHTING STRENGTH IN COMBAT. THE MG4 E IS HECKLER & KOCH'S SOLUTION TO THE CURRENT ASYMMETRIC THREAT SCENARIOS AND THE CHANGE IN THE MILITARY RANGE OF TASKS.



The development of the “Infantryman of the Future” (IDZ) equipment concept for the German Army is aimed at increasing the capability of the German Army by means of a new armament concept. This is the reason why a light-weight, compact machine gun of high fire power was required. The idea was that it could be carried by one soldier and would guarantee full mobility in difficult terrain and in the urban environment. The MG4 E meets all these requirements and offers latest technological advances. Moreover, it is compatible with all NATO standard ammunitions and works with commercially available ammunition boxes and ammunition pouches.

The MG4 E provides unmatched reliability and performance characteristics even under the most adverse combat conditions.

Its outstanding battle field characteristics make this a weapon which is unparalleled.

Its standard MIL-STD-1913 Picatinny rail allows an almost unlimited number of mounting options for mechanical and optical sights, thus guaranteeing full night fighting capability. Its favourable dimensions and low weight allow the user to carry the MG4 E even over long distances without getting too tired. Its extensive special accessories make the MG4 E an unbeatable companion for all types of missions.

VERSATILE: THE MG4 E.



Example MG4 E: With mechanical sight, folding front sight, bipod and 0-D trigger (safe, sustained fire). Barrel length: 450 mm.



Example MG4 KE: With mechanical sight, folding front sight, heat shield, bipod and 0-D trigger (safe, sustained fire). Barrel length: 370 mm.



Example MG4 EBW (vehicle weapon): Main or secondary weapon with preparation for remote firing device and safety/fire selector lever. Without rear sight, buttstock, handguard, cartridge case deflector or bipod. Barrel length: 450 mm.

MG4 E



OPTICAL SIGHT
Example with an optical sight and an mechanical sight below it as an emergency sight.

HEAT SHIELD
Available as an accessory. Fits short and long barrel.

MIL-STD 1913 PICATINNY RAIL
For adapting tactical accessories at the 3 and 9 o'clock positions.

MIL-STD 1913 PICATINNY RAIL
On the top of the receiver, for mounting optical and/or mechanical sights.

COVER LOCK
Optional cover detents are available, depending on the cover load.



FRONT TRIPOD MOUNTING POINT

MOUNT FOR CARTRIDGE BELT BOX
Compatible with all NATO standard boxes.

BARREL LOCKING LEVER

REAR TRIPOD MOUNTING POINT

ERGONOMIC PISTOL GRIP
To hold the weapon easily and securely.



SERVICE-PROVEN FLASH HIDER

EXTENDABLE SHOULDER BAR



MECHANICAL SIGHT
Adjustable for elevation and windage.
Range setting up to 1000 m.

RELEASE BUTTON FOR THE BUTTSTOCK

CARRYING AND BARREL CHANGING HANDLE
Practical feature for carrying and for changing barrels without gloves.

STRONG BELT FEED
Reliable function even in extreme climatic conditions.

SLING SWIVELS FOR THE CARRYING SLING
Ambidextrous for comfortable carrying.

FOLDING FRONT SIGHT
Adjustable for elevation and windage.

MG4 KE



HARD CHROME PLATED BARREL
For extremely long service life.

INTEGRATED BIPOD
Adjustable height and flexible orientation.

CARTRIDGE CASE DEFLECTOR
With dust cover for protection against fouling.

ERGONOMIC HANDGUARD
To hold the weapon securely and comfortably when firing from the hip.

CHARGING HANDLE
Foldable. Can be used to lock the bolt in any position.



SAFETY/FIRE SELECTOR LEVER
Ambidextrous operation.

BUTTSTOCK
Foldable.

IN COMPLICATED SITUATIONS, ONLY SIMPLE SOLUTIONS WILL DO

A MACHINE GUN CAN MAKE MANY PROMISES. WHAT COUNTS IS THAT IT IS ABSOLUTELY RELIABLE IN COMBAT SITUATIONS. FEW MANUFACTURERS TEST THEIR NEW WEAPONS AS THOROUGHLY AS WE DO IN COOPERATION WITH THE USERS WHO WILL CARRY THEM LATER ON IN A MISSION.



CONVENIENT IN COMBAT: THE CARRYING SLING

The carrying sling, available as an accessory, allows the user different carrying modes and gives him absolute freedom of movement and immediate readiness to shoot in all firing positions. The hooks are simply inserted into the front and rear sling loops of the weapon. The carrying sling design facilitates easy carrying: at the side, in front of the body or on the back.



(RE-)LOADING WITHOUT CHANGE IN POSITION

The cover to the feed tray can be simply flipped open in the firing direction. This allows the cartridge belt to be changed in a matter of seconds. Another strength: While doing this, the MG4 E remains in the firing position.



HIGH CARRYING COMFORT THROUGH OPTIMUM ANGLE POSITION

The carrying grip of the MG4 E is attached at an optimum angle. This ensures minimum user effort when carrying it – a great advantage when changing the combat position.



ERGONOMIC SAFETY LEVER

The MG4 E is fitted with a simple ambidextrous safety lever compared to other machine guns.

IN CRITICAL SITUATIONS, THE CERTAINTY TO HAVE A PERFECT WEAPON HELPS.

THE MG4 E GIVES THE USER ALL THE ADVANTAGES REQUIRED TO HELP OVERCOME ALL DIFFICULT SITUATIONS. IT HAS A COMPACT DESIGN, AND ITS HANDLING IS SIMPLE AND USER FRIENDLY. THIS REDUCES THE RISK OF USER INDUCED ERRORS. MANY SAFETY FEATURES NOT FOUND IN COMPETITOR MACHINE GUNS MAKE SURE THAT THE USER CANNOT ENDANGER HIMSELF AND OTHERS DURING A MISSION.



SAFE IN CASE OF FAULTY AMMUNITION

The bolt head carrier design ensures maximum user safety in case of faulty ammunition and prevents incorrect cocking of the weapon.



BOLT CAN BE LOCKED IN ANY POSITION

A safe and practical option is to lock the bolt in any position of its track. Simply lift up the cocking lever and clamp it firmly against the receiver. Activating the bolt lock prevents any accidental firing.



SAFE BARREL LOCK, QUICK BARREL CHANGE

The carrying grip also performs as the barrel change grip. When it is folded down, the barrel is locked. To change the barrel, simply fold up the grip and unlock the barrel.



QUICK INDICATION OF THE LOADING STATUS

The upwards protruding loading indicator is very practical. It not only indicates optically that there is a cartridge in the feed tray, but it also allows you to feel the loading status in the dark.



ERGONOMICALLY OPTIMISED BIPOD SOLUTION

The bipod of the MG4 E is robust and dirt resistant. It can be simply folded up and stowed away in the ergonomically formed handguard. This allows the user to hold and transport the MG4 E as comfortably as an assault rifle. It can be rotated and has variable height adjustment – absolutely necessary for uneven terrain in combat situations.



SIMPLE AND QUICK BARREL CHANGE

Heckler & Koch set the standard for durability of barrels. At the same time, changing the MG4 E barrel could not be easier. Significantly it can be changed without using gloves, because the carrying grip is also the barrel change grip. This advantage comes into effect when the first barrel has heated up as a result of combat shooting. An additional key advantage: In the MG4 E, the barrel can be changed independently of the bolt position.

TECHNICAL DATA



	MG4 E	MG4 KE	MG4 EBW
Calibre	5.56 mm x 45 NATO		
Operating principle	gas-operated		
Bolt system	rotating bolt, fires from the open bolt		
Feed mechanism	belt feed from left side with loading indicator		
Cartridge case ejection	downwards through cartridge case deflector		
Modes of fire	burst fire sustained fire		
DIMENSIONS			
Length min. max.	approx. 830 mm 1030 mm	approx. 750 mm 950 mm	approx. 830 mm
Width	approx. 96 mm	approx. 96 mm	approx. 96 mm
Height ¹	approx. 228 mm	approx. 228 mm	approx. 185 mm
Barrel length ²	approx. 450 mm	approx. 370 mm	approx. 450 mm
Sight radius	approx. 490 mm	approx. 490 mm	-
WEIGHT			
Weapon	approx. 7.90 kg	approx. 7.70 kg	approx. 6.80 kg
Barrel	approx. 1.70 kg	approx. 1.50 kg	approx. 1.75 kg
Bipod	approx. 0.50 kg	approx. 0.50 kg	-
OTHER DATA			
Trigger pull	approx. 35-55 N	approx. 35-55 N	approx. \geq 55 N
Rate of fire	approx. 775 \pm 50 rounds/min	approx. 775 \pm 50 rounds/min	approx. 890 \pm 60 rounds/min
Muzzle velocity -v ₀ ⁻³	approx. 920 m/s	approx. 880 m/s	approx. 920 m/s
Muzzle energy -E ₀ ⁻³	approx. 1692 J	approx. 1548 J	approx. 1692 J
Barrel profile twist	Groove/land profile, 6 grooves right-hand twist	Groove/land profile, 6 grooves right-hand twist	Groove/land profile, 6 grooves right-hand twist
Sights ⁴	iron sights	iron sights	-
Mounting	fixing points for US field mount M122	fixing points for US field mount M122	fixing points for US field mount M122
Maximum effective range	approx. 1000 m	approx. 900 m	approx. 1000 m

¹ without sight, front sight folded down | ² without flash hider

³ DM11 ammunition | ⁴ various optical sights and accessories on MIL-STD-1913 rails

SUBJECT TO MODIFICATION | THE PICTURES SHOWN MAY DIFFER FROM THE ORIGINAL