VFC AK105 GBBR Airsoft Black

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SKU	Designation	French Law	Shots	Length (cm)	Weight (g)	Airsoft Type	MSRP
LG4043	VFC AK105 GBBR Airsoft Black	Vente libre	42	94	3090	Gas	699.00 € incl. tax

An all-steel AK105 GBB with adjustable bolt travel, maximum realism at an increased rate of fire.

The VFC AK105 GBB combines a **stamped steel** body, a CNC-machined bolt carrier, and an adjustable-stroke gas blowback mechanism. Switching between a long stroke for realism and a short stroke for increased rate of fire allows you to tailor the performance of this **airsoft AK** to your desired setup.

- **Brand: VFC**
- **Model: AK105 GBB**
- **Family:** AK
- **Caliber:** 6 mm Airsoft
- **Operation:** Gas Blowback
- **Power supply:** Green Gas
- **Color:** black
- **Material:** polymer and metal
- **Body:** stamped steel
- **Length:** 840 to 940 mm
- **Weight:** 3090 g
- **Power:** 360 FPS with 0.20g BBs
- **Firing modes:** semi-automatic and automatic
- **Hop-up:** adjustable
- **Hop-up joint:** standard VSR
- **Internal barrel:** VSR standard
- **Cylinder head carrier:** CNC machined integrated steel
- **Cylinder:** 22 mm diameter
- **Bolt stroke:** long or short, adjustable
- **Firing mechanism:** Internal FCG made entirely of steel

- **Dog spring:** braided wire
- **Side rail:** dovetail joint, Warsaw Pact standard
- **Thread:** 24 mm CW adapter to 14 mm CCW main thread
- **Magazine included:** gas, aluminum, 42 BBs, 5.45x39 mm style
- **Magazine type:** Spring-loaded mid-cap
- **Magazine compatibility:** VFC AK74M, VFC AK105, VFC AKS74U
- **Magazine functions:** magazine empty indicator and dry-fire mode
- **F Marking:** marking not present

Steel body and 1:1 scale design

The **VFC AK105 GBB** features a 1:1 scale design, with a **stamped steel** body and a realistically detailed surface finish. The outer barrel, front sight, gas block, and cleaning rod are also made of steel.

The external components are described as conforming to the specifications of the actual weapons and compatible with parts for authentic AKs. Period-correct manufacturing markings complement this approach, which prioritizes both appearance and construction consistency.

CNC cylinder head carrier and long stroke piston simulation

The **Gas Blowback** system is based on an integrated, CNC-machined steel cylinder head assembly. The mechanics replicate the movement of a **long-stroke piston** , a characteristic architecture of the AK platform.

The cylinder has a diameter of 22 mm and completes a full bolt cycle. The replica operates on **Green Gas** and produces the mechanical recoil typical of a GBB system.

Long run or short run depending on priority

The bolt travel is adjustable. With a **long travel** , the system utilizes the full movement to enhance mechanical simulation. With a **short travel** , the movement is reduced to increase the rate of fire.

This possibility therefore directly modifies the behavior of the replica without changing its main mechanics: a configuration oriented towards realism on one side, another more dynamic on the other.

FCG firing mechanism made entirely of steel

The internal firing mechanism, or **FCG** , is made entirely of steel. It incorporates a braided wire hammer spring and a rate-of-fire reducer, in a functional reproduction of the AK mechanism.

Firing modes include semi-automatic and automatic. The replica also features a dry-fire mode, useful for maintaining mechanical operation even when there are no BBs in the magazine.

Accessible hop-up and VSR standard components

The **adjustable hop-up** system features a design that facilitates disassembly. The hop-up bucking and inner barrel adopt the **VSR standard** , clearly identifying the format used for these two components.

This compatibility relates to the documented elements of the hop-up system and the inner barrel; it should not be automatically extended to all internal parts of the replica.

Side rail and double thread interface

The replica retains a **Warsaw Pact-style dovetail** side rail for mounting optics compatible with this standard.

At the front, a **24 mm CW** thread adapter covers a **14 mm CCW** main thread. This configuration allows the use of a mouth device corresponding to either interface.

42-round gas magazine and wide compatibility within the range

The **VFC AK105 GBB** comes with a lightweight aluminum gas magazine with a capacity of 42 BBs, replicating the style of a 5.45x39 mm magazine.

Documented compatibility includes **VFC AK74M** , **VFC AK105** , and **VFC AKS74U** gas magazines. The system also includes a click-activated magazine empty indicator and a dry-fire mode.

FAQ

What is the difference between a long stroke and a short stroke cylinder head?

The long stroke utilizes the full travel of the bolt to enhance mechanical realism. The short stroke reduces this travel to increase the rate of fire. This adjustment allows you to tailor the operation according to your preferred focus.

Which magazines are compatible with this AK105 GBB?

The listed compatibilities refer to VFC AK74M, VFC AK105, and VFC AKS74U gas magazines. The replica comes with a 42-round aluminum gas magazine.

What are the 24 mm CW and 14 mm CCW threads used for?

The 24 mm CW adapter covers a 14 mm CCW main thread. This design allows the use of mouthpieces compatible with either of these two standards.

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