

GGG

GIRAITĖS GINKLUOTĖS GAMYKLA
PASSION. PERFORMANCE. PRECISION.





OUR COMPANY

GGG is one of the most modern operating ammunition plants in the world. GGG ammunition is manufactured according to the advanced technology, NATO STANAG requirements, and our own know-how. Having started our activities in 2000, we have gone through the process of certifications according to ISO 9001 and ISO 14001 standards, and have passed cartridge qualification approval tests at NATO European Regional Test Center (ERTC) in 2005. Since then our company has been nominated for NATO interchangeability sign used to mark cartridges 5.56x45 mm GP21 (SS109) and 7.62x51 mm GP11 (M80).

WHY US?

In our daily production work we take care of our personnel qualification and equipment maintenance, which are both essential to ensure a strict control of manufacturing process parameters. We also run modern Metrology, Metallography and advanced Ammunition Test Laboratories featuring the 50 m indoor shooting range for functional tests and 580 m indoor shooting range for ballistic tests. Quality and orientation to every detail are the daily duties that we perform in order to satisfy our customers' needs for the best-quality ammunition.



METROLOGY, METALLOGRAPHY AND TESTING LABORATORIES

Our advanced laboratory facilities support both in-house quality assurance and testing services for external customers.



NATO STANAG 4172 AND STANAG 2310 COMPLIANT

Manufactured in accordance with NATO standards for 5.56x45 mm and 7.62x51 mm ammunition.



ISO 9001 AND ISO 14001 CERTIFIED

Ammunition produced in accordance with internationally recognized quality and environmental standards.



STATE-OWNED COMPANY

Under the Ministry of Finance of the Republic of Lithuania, ensuring long-term stability and reliability.

THE LONGEST INDOOR BALLISTIC RANGE IN EUROPE (580 M)



ANTI-DRONE AMMUNITION



CARTRIDGE PARAMETERS		
5.56 ANTI-DRONE	CALIBER	7.62 ANTI-DRONE
Most effective range: up to 100 m	CHAMBER PRESSURE MEETS C.I.P REQUIREMENTS	Most effective range: up to 150 m
900	INITIAL VELOCITY, M/S	820
350	MAXIMUM HORIZONTAL RANGE, M	450
250	MAXIMUM VERTICAL RANGE, M	300
100	MOST EFFECTIVE RANGE, M	150
~150	DISPERSION AT 50 M, (CM)	~100



OPERATIONAL CONCEPT

Each soldier or critical infrastructure security unit is equipped with a dedicated magazine loaded with GGG multi-projectile ammunition. In the event of a drone threat, the operator rapidly switches to this magazine and engages the target at close range.

The multi-projectile effect increases hit probability against fast-moving drones, enabling an effective and immediate response in critical situations.

SCAN TO WATCH
HOW IT WORKS



NATO BALL AMMUNITION

Compatible with STANAG 2310 (7.62 mm) and STANAG 4172 (5.56 mm) ammunition standards.

CARTRIDGE PARAMETERS		
5.56 mm	CALIBER	7.62 mm
NATO Ball, (type SS109)	BULLET	NATO Ball, (type M80)
11,85 ± 0,45 g	CARTRIDGE MASS	24,4 ± 1,0 g
4 ± 0,1 g	BULLET MASS	9,55 ± 0,1 g
Brass	CASE MATERIAL	Brass
Tombac jacket, lead and steel core	BULLET MATERIAL	Tombac jacket, lead core
Double base	PROPELLANT	Double base
Boxer, non-toxic	PRIMER	Boxer, non-toxic
≤ 200 mm	PRECISION 550 m HORIZONTAL AND VERTICAL STANDARD DEVIATION	≤ 200 mm
≥ 200 N	BULLET EXTRACTION FORCE	≥ 265 N
≥ 1564 J	MUZZLE ENERGY	≥ 2931 J
≥ 1480 J	BULLET ENERGY 24 m	≥ 2756 J



WE MANUFACTURE THE FOLLOWING PRODUCTS:

- Cal. 5.56x45 mm GP21 (SS109) NATO cartridges (bulk, linked or clipped)
- Cal. 7.62x51 mm GP11 (M80) NATO cartridges (bulk, linked or clipped)

We deliver our cartridges in corrugated carton or metal boxes.
The package design may be created to meet the specific needs of the customer.



In order to run a full manufacturing process control, we produce and sell our own metal components such as, e.g., cores, bullets, cases, and cups.

COMPONENTS



CARTRIDGE
CASES



BULLETS



LEAD
CORES



STEEL
CORES



CUPS

CALL OR E-MAIL US TO KNOW MORE
ABOUT THE ADVANTAGES OF OUR AMMUNITION:

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