



CG CUSTOM
NL GUNS
NEXT LEVEL

**Weapons
for professionals**

«ADAR» LLC

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- «ADAR» LLC is a licensed firearms manufacture, operating **since 2016**. We design, produce, test, and repair firearms and firearm components for hunting, sport, and professional applications. We welcome cooperation in the supply of our products and can offer special terms for institutional customers.
- All firearms are manufactured in Saint Petersburg using domestic materials, combining global industry experience with the traditions of the Russian school of gun design. Localization is **100%** (excluding polymers). All parts are produced in-house or by vetted Russian partners, with mandatory quality inspection.
- Each new design begins as a precisely modeled digital prototype and is produced using modern CNC equipment. Every firearm undergoes **multiple testing and refinement cycles** before entering serial production.
- We are ready to manufacture specialized variants of combat weapons, incorporating user-specific experience and adapting designs and technologies to particular operational requirements.



Carbine NL9 Compact

Operating principle: blowback

Optimized for training, close-quarters combat, and urban operations.

Specifications:

- Magazines - Glock or Vityaz for 9×19, Glock for 9×18.
- Weight (civilian configurations) - 2.3 kg.
- Barrel length - 220 mm and shorter (1:10 twist, 254 mm pitch).
- Optional quick-change barrel assemblies of various lengths and calibers (barrel, receiver, handguard, muzzle brake, bolt group).
- For law enforcement and other government users, any barrel length or full-auto fire capability available on request.
- Barrel is threaded to accept various muzzle devices, including compensators and sound suppressors.
- Optional high-efficiency tactical sound suppressor.

Calibers: 9×19 mm,
9×18 mm



Carbine NL545 DI



Operating principle: gas operated,
direct impingement

Calibers: 5.45×39 mm,
7.62×39 mm

- Built on the renowned AR-15 platform, engineered for reliable operation with all double-stack AK magazines in respective calibers.
- Combines the high accuracy of the AR system with the proven effectiveness of Russian service ammunition.
- Fully reveals the potential of the **5.45 mm 7N40 enhanced-precision cartridge**, allowing engagement of «standing man» targets at ranges of **up to 1,000 m**.
- A gas regulator ensures reliable and comfortable suppressed fire.
- Full-auto capabilities and custom barrel lengths are available on request.
- Can be chambered for **9×39 mm subsonic ammunition**, as a tactical analog of VSS/VSSM suppressed sniper rifles and compatible with 9mm AS and VSS magazines.



Carbine NL545 DI

Operating principle: gas operated,
direct impingement

Calibers: 5.45×39 mm,
7.62×39 mm

Specifications:

- 7.62mm variant can be supplied with additional complete upper receivers for use with 6.5mm Grendel or 9x39mm SP-5/SP-6 ammunition, using commercial magazines.
- Magazines - **all AK types** in respective calibers except 60-round quads.
- Weight (civilian configurations) - 3.2-3.5 kg.
- Barrel length - 380-600 mm.
- The NL545 with **600 mm** barrel is capable of engaging targets **at 500-600 meters** with accuracy **down to 1 MOA**.
- Twist:
1:7.6 / 195 mm (5.45×39),
1:10 / 254 mm (7.62×39).
- Cold hammer forged, chrome lined barrels ensure maximum service life and simplified maintenance.
- Optional additional complete upper receiver kits (including bolt groups and gas systems) with different barrel profiles and lengths.



Carbine NL545 GP



Operating principle: short-stroke,
gas piston

- AR-15 / M16 was adapted for gas piston system upon request from an elite US Special Operations unit Delta forceto maximize reliability while preserving familiar AR-15 ergonomics. NL545GP follows this trend with introduction of a carefully designed short stroke gas piston system.
- As an upper receiver kit, it is **fully compatible with NL545 DI lower receivers**, and vice versa.
- NL545 GP is equipped with a **3-postion gas regulator** that ensures reliable and comfortable operation under most conditions, including use with a sound suppressor. Cleaning and field maintenance is simplified compared to a DI version.
- Specially designed reinforced barrel nut and barrel profile offer **same high accuracy as with DI system**. Heavier construction allows for intense firing schedules without noticeable POI shift.
- Aluminum alloy forend is equipped with a rigid quick-detach system, allowing for **easy access to the gas system**.

Calibers: 5.45×39 mm,
7.62×39 mm



Carbine NL545 GP

Operating principle: short-stroke,
gas piston

Specifications:

- 7.62mm variant can be supplied with additional complete upper receivers for use with 6.5mm Grendel or 9x39mm SP-5/SP-6 ammunition, using commercial magazines.
- Magazines - **all AK types** in respective calibers except 60-round quads.
- Weight (civilian configurations) - 3.4-3.7 kg.
- Barrel length - 380-600 mm.
- Twist:
1:7.6 / 195 mm (5.45×39)
1:10 / 254 mm (7.62×39)
- Cold hammer forged, chrome lined barrels ensure maximum service life and simple maintenance.
- Optional additional complete upper receiver kits (including bolt groups and gas systems) with different barrel profiles and lengths.

Calibers: 5.45×39 mm,
7.62×39 mm



Carbine NL545 GP Compact

Operating principle:
short-stroke, gas piston

Calibers: 5.45×39 mm,
7.62×39 mm

Specifications:

- Magazines - **all AK types** in respective calibers except 60-round quads.
- Weight (civilian configurations) - 2.3 kg.
- Barrel length - 220 mm and shorter.
- Twist:
 - 1:7.6 / 195 mm (5.45×39),
 - 1:10 / 254 mm (7.62×39).
- Cold hammer forged, chrome lined barrels ensure maximum service life and simple maintenance.
- Optional additional complete upper receiver kits (including bolt groups and gas systems) with different barrel profiles and lengths.



Carbine NL15 Tactical



Operating principle:

gas operated, direct impingement

Calibers:

.223 Rem (5,56×45 mm NATO)
300 AAC Blackout

- NL15 T is a tactical configuration with broad versatility. It is suitable for training and practice shooting.
- **A full-mass bolt carrier** and high-quality assembly ensure reliable and predictable operation in demanding conditions.
- Forward assist, ejection port cover, enhanced charging handle with steel guide, and ambidextrous safety are built for reliable operation in harsh field conditions.



Carbine NL15 Tactical



Operating principle:

gas operated, direct impingement

Calibers:

.223 Rem (5,56×45 mm NATO)
300 AAC Blackout

Specifications:

- Magazine type: AR-15 / STANAG / DuraMag.
- Weight (civilian configurations): from 2.7 kg.
- Barrel length: 12.5 / 14.5 / 16 / 20 inches.
- Barrel: chrome-lined, cold hammer forged.
- Gas system: mid-length.
- Barrel profiles: spaghetti / lightweight / SSO / SPR / heavy (16 / 18 / 20 / 21 / 22 mm)
- Overall length: from 700 mm.
- Optional additional complete upper receiver kits (including bolt groups and gas systems) with different barrel profiles and lengths.



Rifle NL745 DI



Operating principle:
direct impingement

- The NL745 platform is lighter than a typical AR-10 rifle, stronger than an AR-15, and offers superior accuracy potential.
- It includes an extended optics rail, and a rigid barrel mounting system that minimizes thermal point-of-impact drift.

Calibers: .308 Win
6.5 Creedmoor



Rifle NL745 DI

Operating principle:
direct impingement

Specifications:

- Magazines - AR-10/SR-25 standard.
- Weight (civilian configurations) - 3.2-4.0 kg.
- Barrel length - 380-660 mm.
- Twists:
 - .308 Win - 1:8, 1:10, 1:11, 1:12
 - 6.5 Creedmoor - 1:8.
- Barrel options - cold hammer forged with or without a chrome coating, or stainless steel.
- Threaded barrels for simple installation of various muzzle devices.
- Optional suppressors and full-auto versions for authorized agencies.

Calibers: .308 Win
6.5 Creedmoor







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