

NAM "Svarog" Anti-Ship Mass Driver AShMD-01a

Developed in the run up to [YE 41](#) by [Nepleslian Arms and Munitions](#), the NAM Svarog Anti-Ship Mass Driver AShMD-01a is an advanced electromotive cannon intended for use by the [NSN](#) in the fire support and anti-ship roles. The Svarog uses 8-inch [Starship Grade UMD](#) canisters as its payload.

About the Svarog

Intended as a replacement for earlier direct fire starship weapons, the Svarog is a direct and indirect fire kinetic weapon with multiple intended platforms. Based around the old 8-inch UMD canisters, the Svarog is intended to be used as primary armaments on light and medium-weight vessels, and as a secondary armament on larger vessels. It can be mounted in turrets, in casemates, or as a spinal mount.

The Svarog features a longer range and projectile velocity than previous NAM kinetic weapons meant for starship usage due to its use of virtual barrel technology. Virtual Barrel technology uses quick pulses of lasers to ionize atmosphere or expelled gas in front of a weapon's barrel, then electromagnetic fields to shape the ionized gas into extensions of the weapon's acceleration rails.

The Svarog is too large to be fitted on most vehicles such as tanks or to be used by conventional armorsuits. The Svarog can generally be mounted on larger escort ships and up, such as destroyers and gunships.

Nomenclature Information

The Svarog is designated the AShMD-01a officially and is produced by [Nepleslian Arms and Munitions](#).

- Designer: [Nepleslian Arms and Munitions](#)
- Manufacturer: [Nepleslian Arms and Munitions](#)
- Name: NAM "Svarog" Anti-Ship Mass Driver
- Nomenclature: AShMD-01a
- Type: Mass Driver
- Role: Anti-Starship, Anti-Installation
- Length: Variable
- Weight: Variable

Appearance

The Svarog's appearance is not standardized, given how it can be altered to fit the needed mount on a platform. The barrel of the weapon, however, remains the same: two parallel rails make up the barrels, with each rail mounted to long rectangular housings that contain power transfer circuits, stored gas, and

the necessary equipment for the virtual barrel.

Discharge Information

The Svarog fires a solid kinetic round using a physical electromagnetic rail and virtual rail formed from energized gases.

- Muzzle Flash: When fired, the Svarog produces a spurt of white brilliant plasma that dissipates from the force of the traveling round.
- Retort: Delayed sonic boom in atmosphere.
- Projectile Appearance: A large cylindrical [UMD](#) round.
- Effective Range: 30,000 meters in atmosphere, .5 AU in space.
- Muzzle Velocity: 
- Rate of Fire: Dependent on loading mechanism; usually 12 RPM.
- Recoil: Minor but negligible to a starship in combat

Ammunition

The Svarog uses starship grade 8-inch UMD canisters as ammunition. When utilized in atmosphere, the canisters are mated to discarding sabots to improve range and accuracy.

- Ammunition: [Starship Grade UMD Canisters](#)
- **Purpose:** Varies by munition
- Round Capacity: Variable; dependent on vessel's magazine

UMD Purpose Chart		
Type	Purpose	Blast Radius
RED <i>High Explosive Canister</i>	Tier 11, Medium Anti-Starship, can achieve Tier 12, Heavy Anti-Starship if shell penetrates target's armor before detonating	40m
WHITE <i>Tungsten Penetrator Canister</i>	Tier 12, Heavy Anti-Starship, reduced to Tier 9, Heavy Anti-Mecha against shields	N/A
BLACK <i>Executioner High Explosive Armor Piercing</i>	Tier 8, Medium Anti-Mecha	N/A
BLUE <i>EMP Canister</i>	Tier 11, Medium Anti-Starship to shields, minor electronic scrambling effects against unshielded targets.	N/A
GREEN <i>Antimatter Canister</i>	Tier 13, Medium Anti-Capital Ship	N/A

Weapon Mechanisms

- Firing Mechanism: The loaded round is rapidly accelerated down the barrel by a pair electromagnetic rails within the weapon's barrel. The Virtual Barrel is generated before firing, with the gases of the barrel dissipating after each round fired.

- Loading: Usually through a breach in the rear by an auto-loader system but it depends on the ship and mount.
- Firing Modes: Semi-automatic

Other

Pricing

The Svarog is not available for sale, and is produced by NAM as needed.

- Complete Svarog Anti-Ship Mass Driver is not for sale outside of the [SMDIoN](#).

Replaceable Parts and Components

Ammunition

[UMD Canisters](#) are not for sale outside of the [SMDIoN](#).

OOC Notes

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