

Gauss Sub Machine Gun

The GSMG is a heavy armor service rifle created by [Origin Defense Manufacturing](#) in YE 34.



WARNING: This weapon has powerful kick and care must be taken by users not in power armor.

Weapon Specifications

Nomenclature Information

- Nomenclature: OI-W31-1A
- Designer: Rob Robertson III
- Manufacturer: [Origin Defense Manufacturing](#)
- Name: Armor Service Gauss Rifle
- Type: Gauss Railgun
- Role: Armor Submachinegun
- Length: 28 inches
- Barrel Length: 15 inches
- Ammo Capacity: 600 rounds
- Mass: 25 Lbs (without 600-round Magazine)
- ROF: 1500 RPM

History

The GSMG was developed in conjunction with the [SSGR](#) and [GSR](#), taking the strengths of the older [HGR](#) and eliminating its weaknesses, allowing for heavier, military use. The GSMG is a submachinegun, meant to be the secondary weapon for most power armor troops to use.

Appearance

The GSMG is shaped like a box which has a rounded section in the back, which attaches to the grip. The sides of this box have large heat vents to cool the Gauss coils. The top of the main box of the gun body has universal rails, and the cylindrical Helicoil magazine covers the bottom of the gun body, extending from the handguard to the nose of the weapon. The Magazine also functions as a foregrip if needed.



Discharge Information

Firing Mechanism

The first round is loaded into the action by pulling back on the cocking handle. Further rounds are loaded by the cycling action during firing. Once rounds are loaded into the action, they are pushed forward by the bolt and into the barrel, where the charged coils propel the round down the four twisted rails, accelerating the round to high rates of speed while giving it a twist to allow for better ballistics.

Ammunition Description

- [4x50mm Gauss Darts](#)
- Power: DU: Tier 3, HEI-AP: Tier 5, HESH: Tier 4
- Range: 1 KM in atmosphere, theoretically unlimited in space
- Muzzle Velocity: 4,000 M/S
- Muzzle Blast: A light flash of white light
- Firing Modes: Full Auto, Semi-Auto, five round burst
- Recoil: Very high

Weapon Mechanisms

- **Safety:** A button on the right side of the grip, near the trigger
- **Weapon Sight:** The GSMG has a built-in electronic sight, which is linked to the Power armor's HUD, and includes a Laser sight for reflex firing. This E-sight is located at the front of the weapon, just below the muzzle. It comes standard equipped with a fixed 'iron' sights on the top of the weapon.
- **Buttstock:** The GSMG does not come with a buttstock, but may have one affixed.
- **Firing mode selector:** A switch on the left side of the gun allows the firing mode to be switched.
- **Magazine:** The GSMG uses a Proprietary Helical magazine which mounts beneath the barrel of the GSMG. The magazine is released by a button on the left side of the gun, just above the magazine well. The magazine is reloaded by twisting the end of the magazine until it clicks, and then inserting rounds into the feed slot of the Magazine. The Magazine contains a rod-battery that is inserted down the center of the magazine from the front, which may be swapped for fresh rod batteries to allow for faster reloading. Charge time for the battery is 60 minutes.

Other

Construction: The GSMG is created mainly out of composite materials such as carbon fiber and Carbon nanotubes, in an attempt to lower the weight while keeping the rifle fairly strong. The materials are reinforced to allow them greater strength and durability, meaning the gun is unlikely to break during battle without a considerable effort.

Field Maintenance Procedure: Wipe and clean after every mission, taking care to scrub the rails and all moving parts. Lubrication is optional. The outer casing must be removed to service the coils, and is removed by undoing four bolts in the gap between the stock and main body, allowing the casing to be slid off.

Pricing:

- Gun (includes 2 600-round Magazines)- 2,000 KS

Replaceable Parts and Components:

- Extra Barrel - 150 KS
- 600 round helical Magazine - 150 KS (Empty)
- Rod battery - 100 KS
- Electronic sight - 150 KS
- Casing - 500 KS
- Stock - 200 to 1,000 KS, depending on design

Additional Ammo:

- **4x50mm Gauss Darts** -DU: 1KS/2 rounds , HEI-AP: 3KS/2 rounds , HESH: 2KS/2 rounds

OOC Notes

This page was originally created on 2012/12/29 03:41 by [Kai](#). Approval thread can be found [here](#)

Products & Items Database	
Product Categories	weapons
Product Name	Gauss Submachine Gun
Nomenclature	OI-W31-1A
Manufacturer	Origin Industries

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