

Ke-M6-W3000 50mm Gauss Bazooka

The [Ketsurui Zaibatsu](#) Ke-M6-W3000 50mm Gauss Bazooka is a collapsing coilgun fielded by the [Star Army of Yamatai](#).



Date entered service: [YE 30](#)

Purpose

The [Ketsurui Zaibatsu](#) Ke-M6-W3000 50mm Gauss Bazooka (derived from the [Mindy's Ke-M2-W2905 Shoulder-Fired 50mm Gauss Cannon](#)) is designed to be an anti-armor weapon for the [M6 Daisy power armor](#). Unlike the [Ke-M4-W2902 LASR-SLAG](#), it is specifically deployed for use as a long-range, anti-vehicle or -power armor sniping weapon used within atmospheric conditions. However, with its 50 mm round, it is also capable of minor shelling, and acting as an anti-personnel force multiplier.

Technical statistics

Category	Data
Length (collapsed):	1.6 m (5.24 ft)
Length (full):	3 m (9.82 ft.)
Width (max, w/handle):	200,325 mm
Height (weapon, w/magazine):	350,400 mm
Weight (weapon, w/magazine):	35,55 kg
Bore:	50 mm
Rate of fire:	Semi-automatic

Components

Coils: The Bazooka is a coilgun. It does not utilize rails inside coils, however; instead, it almost has two sets of coils. One set is the actual coils that propel the round; the other acts as a rifled barrel. This provides better spin and stability over long distances without subtracting significant velocity.

Sighting systems: Much like the LASR-SLAG, the Bazooka does not have iron sights or peer-through aiming systems. It instead fields a sensor package forward and parallel with the weapon's pistol grip, which briefly specializes the standard M6-1A's own sensor equipment. The package includes:

- A more precise range finder that can be angled off of a planet's stratosphere and back down onto a target. This is an ACTIVE system.
- A pulse Doppler radar system good for 50 km that can locate aerial targets and provide targeting data for them. This is an ACTIVE system.

The sensor package does need to be utilized to use the Bazooka; if it is left off, sighting will be done with the help of the armor's [AIES](#).

Recoil mitigation unit: Three systems are used to dampen the intense recoil from the Bazooka.

- A self-molding “cushion” that forms onto the shoulder plate of the armor. This cushion, little more than very thick smart rubber with plates behind it, form-fits itself to the plate, but gives greatly upon the weapon experiencing recoil.
- A small, dual-nozzle compressed air engine that fires a strong burst of air behind it upon firing. The engine draws into a surrounding canister (behind the barrel and magazine port), and is powered by the Bazooka's onboard battery.
- The barrel has a muzzle brake at the end of the weapon, to reduce muzzle flip.

Magazine: The Bazooka is a magazine-fed device, with the option of firing single rounds without a magazine. Each magazine can contain six rounds, and is fed from upward into the Bazooka's chamber.

Trigger unit: Located roughly 1 meter from the back tip of the weapon, the trigger unit is parallel with the sensor package and the magazine. It is padded with smart rubber. A second, folding handle, perpendicular with the magazine, folds out at the 1.4-meter mark.

Collapsing: The Bazooka collapses to about half its maximum length, to allow for it to be transported on the back of an armor more easily. The collapsing portions are the first front meter of the barrel, about 0.3

meters of the second meter, and just 0.2 meters of the rear meter. The magazine remains in the Bazooka when it is collapsed.

Available ammunition types

All rounds designed for the Bazooka are caliber 50 x 200 mm.

Round	Type	Effect, purpose	Velocity	Range	Damage Rating V3
Frangible 50 mm	Anti-personnel	Essentially a long-range frag grenade, fired artillery-style.	3,000 m/s	30,000 m	Tier 4, Light Anti-Armor
Depleted uranium/nickel alloy rod 20 mm	Armor piercing	Sabot-held long-rod penetrator plows through many vehicles from long range. Also pierces fortifications.	9,000 m/s	15,000 m	Tier 7, Light Anti-Mecha
Steel-encased thermite 50 mm	High-explosive	Equivalent to a 125-kilogram (275-pound) bomb.	3,000 m/s	30,000 m	Tier 5, Medium Anti-Armor

Maintaining the Bazooka

Parts that can be replaced include the coils, the barrel portions, and perhaps other smaller components. The Bazooka is designed to be built out of common components, as much as possible, with a Star Army vessel's Nodal System handling the other complicated parts.

Star Army Logistics	
Supply Classification	Class G - WEAPONS INDIVIDUAL SMALL ARMS
Products & Items Database	
Product Categories	weapons: power armor
Product Name	50mm Gauss Bazooka
Nomenclature	Ke-M6-W3000
Manufacturer	Ketsurui Zaibatsu
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