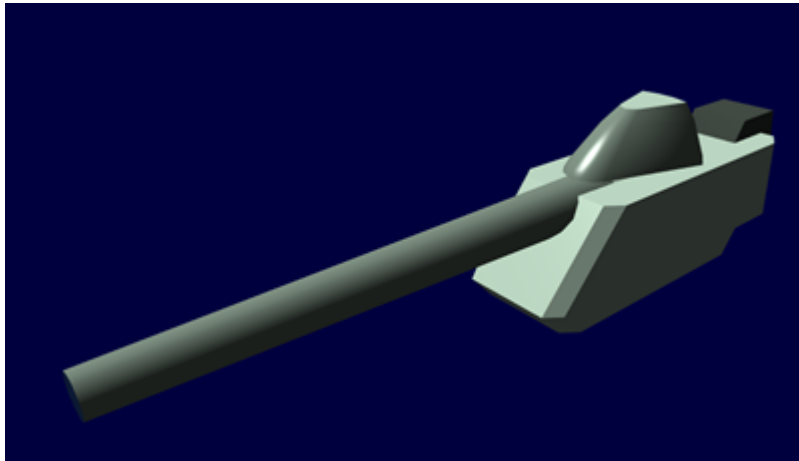


# Akko Rotyka (Coil Cannon)

The Akko Rotyka (Coil Cannon) is a shipboard weapon that the [Poku Saeruo Degonjo](#) developed in the year 731 CY ([YE 12](#)).

The Akko Rotyka was the result of a five year effort of the [Otâmovi Wiy Jael \(Silver Moon Sect\)](#) to develop a new weapon system. It fires a three round burst of (10.16 cm (4 in) x 25.4cm (10 in)) [Mâqirây \(Bound Metal\)](#) projectiles with ferrous cores. The Akko Rotyka is turret mounted on the larger [Poku Saeruo Degonjo](#) ships.



The weapon consists of the following systems:

## Barrel

The Barrel is constructed of several components. They are listed here.

## Frame

The barrel frame is constructed of [Mâqirây \(Bound Metal\)](#) and is 20 meters in length. It is lined with Magnetic coils that provide the motive force for the projectile. The projectiles are suspended by the magnetic field of the coils, so they do not contact the inside of the barrel. The end of the barrel can elevate and lower by 30 degrees. The bore of the barrel is 11.43cm (4.5in).

## Magnetic Coils

The projectile is accelerated through a series of [Superconducting](#) magnetic coils. Each coil activates sequentially to continue accelerating the projectile. The coils are cooled by a system to keep the coils at optimum conductivity temperature.

## Casing

The barrel and its surrounding coils are encased in [Mâqirây \(Bound Metal\)](#). This protects the inner workings of the barrel from debris and other objects.

## Muzzle Cover

The muzzle of the barrel is closed when the weapon system is shutdown. The muzzle cover keeps dust, debris, etc from entering the barrel during travel and damaging the internal mechanisms. The muzzle cover is a four part clam shell, when open it resembles a four pointed star.

## Charging System

The charging system is tied directly to the assigned [Âmanus Tyokanorjopa \(Anti-Hydrogen Reactor\)](#). It builds up a charge sufficient to fire a three round salvo and then recharge. This accounts for the 15 second interval of firing.

## Loader

The projectiles are fed into the cannon barrel by a fabric belt feed mechanism. The belt disintegrates as the projectile is extracted. Inspection and cleaning of the loader must be done after battle.

## Magazine

The Akko Rotyka magazine houses 300 projectiles in a drum container. The Magazine takes one minute to remove and install a new one. The cannon must be disabled during the exchange.

## General

Class: Anti-Ship/Anti-Fighter Nomenclature: HS-S4-W1200 Type: Anti-Starship Designers: [Otâmovi Wiy Jael \(Silver Moon Sect\)](#) Manufacturer: [Otâmovi Wiy Jael \(Silver Moon Sect\)](#) on [Poku Movi Vamâqi \(Clan Void Berth\)](#)

## Details

Rate of Fire: Three round burst 15 seconds Damage: ([Damage Rating \(Version 3\)](#))

- 3 SDR

Effective Range 250,000 miles Maximum Range:

- Unlimited in space

Payload 300 rounds

## OOC Notes

Authored by [Nashoba](#) and approved by Zack on May 5, 2010 <sup>1)</sup>

<sup>1)</sup>

<https://starmy.com/roleplay-forum/index.php?threads/hsc-acco-rotyka-coil-cannon.5244/>

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