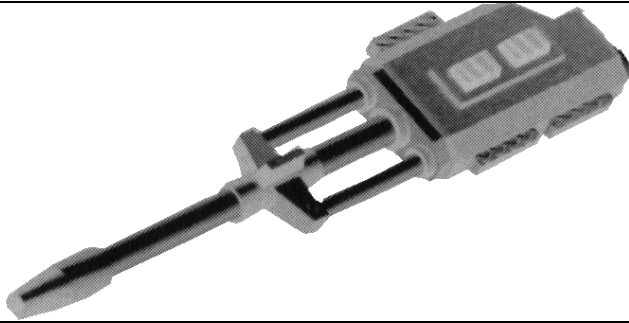


Laser Cannon



"The Laser cannon is the single most reliable weapon a space fighter can have. They ARE the standard which all other energy based weapons are judged against"

Henry Carright TCNA Instructor

The Laser cannon has been around for ages, and despite it's age, it is still a preferred weapon among fighter pilots. It's basic design is little changed from the initial concepts developed in the early 2600's.

The principle behind the laser is a process by which light waves are passed through a ruby chamber and galvanized into a piercing beam. The process takes little energy and practically no time to conduct. It is these facts that makes the laser cannon a trust worthy friend in a space fight.

It's range is among the longest of any Confed energy weapon and it's Refire delay is among the shortest. While it may possess a tiny amount of penetration power, the rapid succession of shots can add up and very quickly over power a fighter ship's shields. Most veteran pilots have stories of a time when the speed of the laser's shots, the range of the cannon, or both, has saved their skins.

Service Date: Entered service: 2628
Decommissioned: N/A

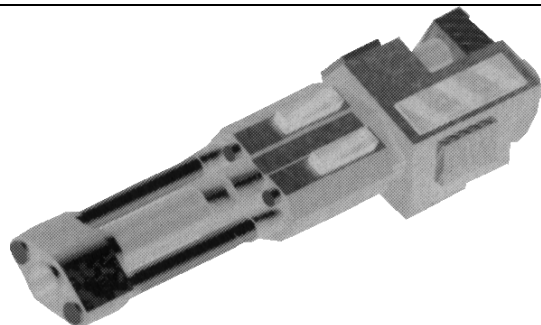
Penetration: 18

Energy: 10 Nj (Nan Joules)

Range: 5000 k

Refire Delay: .25 seconds

Mass Driver Cannon



"The Mass Driver is a great weapon for scaring the shit out of your enemy. It does a lot of visual damage and it's got that Gut Wrenching sound"

Robert "Pliers" Sykes UBW technician

The Mass driver has become a staple in modern space warfare. The design is easily up scaled for use on capital ships, and the Confederation uses larger versions of these weapons for planetary security, and for blasting rouge asteroids that may threaten lives.

The mechanism of the cannon, uses a linier accelerator to speed up particles of metal to near light speeds. When these particles impact their target, they generate minute nuclear explosions and will wear down armor and shielding alike.

Modern innovations have increased the effective range of the mass driver while still retaining the sheer stopping power. A development of the last decade as been the introduction of a secondary fire control system that incorporates a "choke" system. This innovation allows a pilot to charge up more powerful shots from the mass driver and inflict considerably more damage on his target. However this does decrease the fire rate of the cannon.

Service Date: Entered service: 2650
Decommissioned: N/A

Penetration: 45

Energy: 12 Nj (Nan Joules)

Range: 2000 k

Refire Delay: .30 seconds