

Not Approved

Sahaad Nuclear Ordinance

Below is a list of the nuclear weapon types the [Sahaad](#) employ for use. Fission and Fission-Fusion warheads are more widespread throughout the Confederation due to the abundance of fissile material and the ease in which the fuel can be produced with neutron bombardment of fertile materials.

Mobile Armor Grade Nukes

Starship Grade Nukes

Nuclear Artillery Shells

Nuclear Artillery Shells are an offshoot of standard nuclear warheads. Usually they are pure fission-based devices of the 'Gun-Type' category. Typically these are delivered by cannons but can also include short range rockets or missiles. While not of the 'high-yield' caliber of purposed missiles the artillery shells are of the tactical nuclear weapon category.

Mobile Armor Scale

Mobile Armor Scale weaponry is in a class of itself as MA's are usually larger than standard tanks or mobile ground weaponry.

Naos 115 mm 'Howitzer'

One of the first nuclear shell types to be developed. It is a linear implosion nuclear fission weapon, relying on crushing of the 'pit' ¹⁾ to attain critical mass. Unlike traditional warheads the Naos relies on more material than larger 'normal' implosion warheads as there is less space for more complex assemblies and explosive shaping charges. Prior to impact the pit is of a non-spherical configuration similar to that of a football. What charges are within the shell are set off upon impact causing the pit to be reshaped into a super critical mass which begins the chain reaction as the 'tip' of the projectile is crushed and the rear explodes forming the spherical mass. The end result is an expansion as force is released into a small-scale nuclear explosion of not even a kiloton of force.

Stele 155 mm 'Howitzer'

One of the first nuclear shell types to be developed. It is a linear implosion nuclear fission weapon, relying on crushing of the 'pit' ²⁾ to attain critical mass. Unlike traditional warheads the Stele relies on more material than larger 'normal' implosion warheads as there is less space for more complex assemblies and explosive shaping charges. Prior to impact the pit is of a non-spherical configuration similar to that of a football. What charges are within the shell are set off upon impact causing the pit to be reshaped into a super critical mass which begins the chain reaction as the 'tip' of the projectile is crushed and the rear explodes forming the spherical mass. The end result is an expansion as force is released into a small-scale nuclear explosion of about one half a kiloton's worth of force.

Fusion Ordinance

Fusion-based weaponry is actually a step up from traditional pure fission or fusion boosted fission warheads. They're usually only employed in fleet engagements against hostile forces while the mainstay is the tried and true pure fission or fission-fusion boosted weaponry.

¹⁾ , ²⁾

Nuclear Material

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