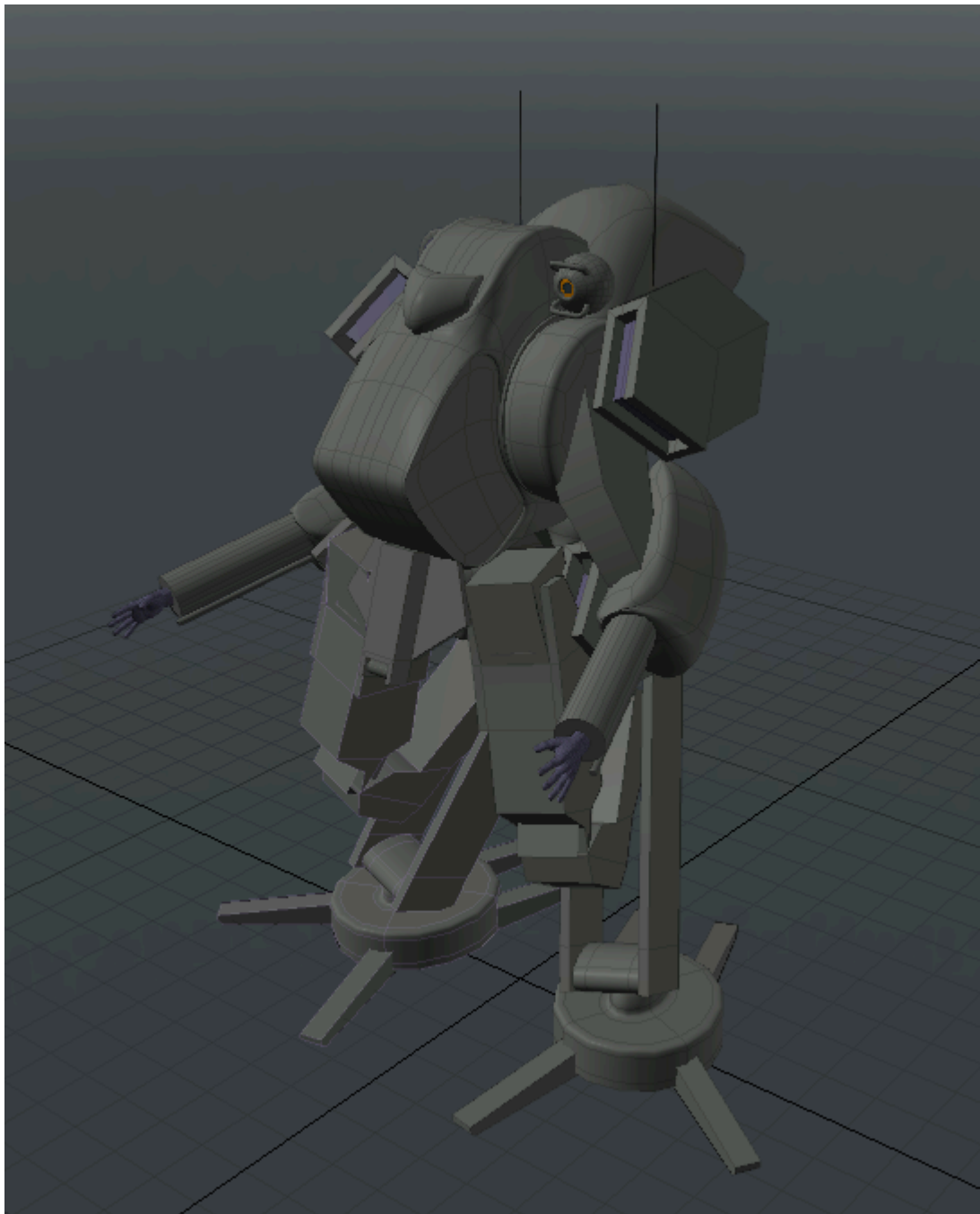


LABERUS.CONSORTIUM

U302 GENI ('frog) Worker mining & construction frame



The geni is a cheap durable reliable and simple powered-armour the Lazarus consortium uses in private mining and construction operations. Recently, Lazarus have begun selling them to the public. Important is that most of the geni is made from cheap standardized 'generic' parts, making it especially cheap to repair or modify with the exception of the gravitic centrifuges and the FF welder.

The unit includes some basic motor functions integrated into its systems layout, allowing it to act as a simple non-military power-armor well suited for construction and mining tasks. Minimal propulsion and hauling equipment also allow it to move whatever equipment it needs with it.

The GENI was introduced in YE34 and retails for 5999.99 KS

General Data

Organization: Lazarus Consortium

Class: Light Mechanized worker

Manufacturers:

- UMC

Wearer Information: Fits one pilot. Hand-controls are located in the side-units.

Height: 4.4 meters Width: 1.9 meters Mass: 600kg weight, 6800kg maximum load.

Speeds:

- **Sublight:** 0.17c in a vacuum
- **FTL:** None
- **Atmospheric:** 108mph, mach 0.3 burst for 2.2 seconds.
- **Underwater:** 7mph

Handling The Geni U301 Power Armor is capable of operations either in space or on a planet but cannot achieve escape velocity or re-enter a planet without special assistance. It is able to skim over landscapes, with its propulsive focus on torque rather than speed, for lifting and hauling tasks. In addition, it is able to hover for extended periods of time, up to 3 hours before its engine assembly requires a 40 second cooldown.

It is common to move over terrain with bursts that greatly reduce the duration of the hover – locking into terrain of interest to cooldown (1.2 seconds) with pile-bunkers and then unhooking to perform another leap - covering huge distances very rapidly without flight, especially under lower gravity.

Wearer Information The units can be automated to a limited degree by onboard users, allowing them to designate simple tasks and then perform another task (such as sleeping or using the basic computing and communications functions aboard) while the unit performs its designated construction (typically from a downloaded schematic) or simple issued instructions.

The inclusion of storage space onboard for food, water and waste removal and recycling systems allow

users to operate for days, sometimes weeks at a time beyond the confines of a starship, making it ideal for those with hard deadlines to meet.

Systems Listings

- LAZ-ARIA-301 - Basic computer (Aria chipset?)
- LAZ-D07 - Volumetric display (Optional)
- LAZ-C55MONO - interface-system
- LAZ-GENI-C/A - GENI casing (titanium carbide cast?)
- LAZ-GENI-S/A - Inner carbon skeleton
- LAZ-R02 - Frictionless magnetic joints
- LAZ-CN33 - Civilian Centrifuge assembly w/ slave energizer
- LAZ-DCC32 - Basic camera system
- LAZ-DNS441 - Life-support system

* Optional Systems The GENI stated is the standard model. Changes are easily made and complete documentation for modification is included in the database stored within the unit.

Cockpit & Processor Suite

The cabin of the Geni is designed with pilot comfort in mind, with a high number of cushioned surfaces and ample room for a unit of its size.

Control is provided by **LAZ-C55MONO** hand-control suite, similar to those used on most starfighters, via a simple fly-by-wire control system. Balance, attitude, stability, inertia, communications, power-management and feedback from other systems is provided by a **LAZ-ARIA-301** Aria chipset computer and basic resealing structol cabling running through the body of the unit. Optionally, a **LAZ-D07** volumetric display can be fitted to the interior, aiding visualisation provided by the ARIA.

The **LAZ-DNS441** Basic life-support system recycles air and optionally water, *offering a maximum of two weeks of usable atmosphere and hydration.*

For visibility, the **LAZ-DCC32** Basic camera system offers a wide field of view, using photon-diodes which pick up emissions from across most of the electromagnetic spectrum. These finger-sized cameras are situated in teeth-like strips of compound eye-like arrays beneath the front-visor assembly, which can be detached via winch to investigate tight areas. In the event it is lost, the wire can be cut and backup DCC32s in the fore-arms (used for precision work) and torso allow for very basic navigation.

In addition, the gravitic centrifuges mounted into the unit offer a mass-gravitational 3D imaging facility which can pierce thick dense materials to search for changes in density, ideal for discovering micro-fractures in hulls or discovering rich veins of material to mine during an initial survey. In the event of a malfunction, magnetic pickups can very slowly act as a turbine system, bleeding power off the centrifuges as an emergency backup, which can offer food, water and basic propulsion for about 18 hours.

Construction

The construction of the GENI begins with the **LAZ-GENI-S/A** interior skeleton which features technology similar to the structural layering system, weaving the data and power through cabling inside the modular endoskeleton, which can easily be disassembled (even while in use in a vacuum) to conduct repairs.

Next, graphene is added around the pilot area and fragile components, in order to provide a strong sealant from hostile atmospheres and protection from the harshness of space, such as fragments of rock or wreckage which would puncture through traditional padding and coverings almost instantly.

Internal systems are then lain in the skeleton and finally the **LAZ-GENI-C/A** cast titanium carbide panels are bolted against hardpoints of the skeleton, a shock-absorbsion material lain upon the interior which also provides a basic seal, preventing dust or harmful materials reaching the units interior. The bolts can easily be removed with standardised equipment to get at the interior and effect repair. In addition, the plates are also attached to each-other via a graphene, meaning if a panel is to be serviced in a vacuum, it won't float off into space.

Damage Capacity

See [Damage Rating \(Version 3\)](#) for an explanation of the damage system.

- Body: 2 SP (Mecha scale)
- Shields: None, but can be modified.

Power-plant

Fitted with a [Lorath Quantum Nuclear cell](#) is used but this can easily be swapped out with any equipment meeting the power requirements of the unit, regardless of the source. Can also operate from tethering to a starship, negating the need for any integrated power-source of its own.

Weapons and Accessories

- (4) [LAZ-CN4X - Fusion/Fission mining/construction device](#)
- (2) [LAZ-CND33 - Simplified modal system \(refinement & construction\)](#)
- (2) [Manipulator Centrifuge Array \(3 centrifuges\)](#)
- (4) [Wire Anchor](#)
- (2) Hip hardpoints
- (2) Shoulder Hardpoints
- (2) Rear hardpoints
- Optional Handheld equipment

LAZ-CN4X Molecular Applicator

The [Molecular Applicator](#) is a precise cutting and forming tool. Generally, the more precise work is, the longer it takes. For this reason, it is ideal for cracking when mining or rapid sealing of hull components but it is also capable of high precision manufacture and repair in both additive (building up material) and subtractive (Stripping material away) methods.

- **Damage Rating:** Tier 5 or Tier 6, Medium Anti-Armor or Heavy Anti-Armor (Staff needs to determine which)
- Range: Point blank



LAZ-CND Modal Fabrication Device

An ultra-simplified modal device, ideal for producing large sheets, panels or beams from a prepared source medium or circuitry and computational systems. Essentially an additive printing system. Used in reverse, it can collect material released by the molecular applicator, filling expandable balloon-like source-tanks beneath its armour-plating which expand as used. The name GENI originates from the Lorath word for 'frog', inspired by the way mother frogs carry their eggs on their backs as the GENI carries its mined materials or additive printing materials.

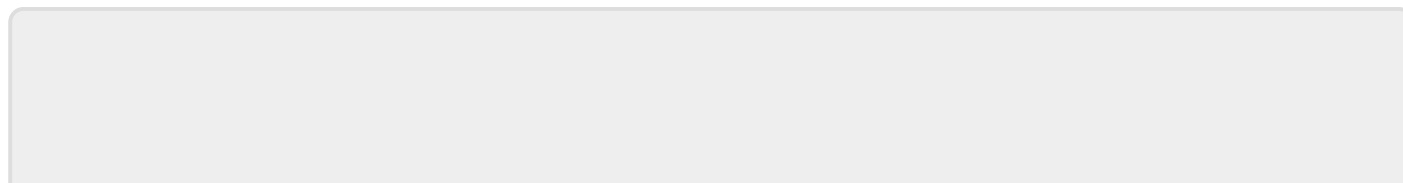
Wire Anchor pile bunkers

Similar to those seen on the AMX-10X series, these are used to either anchor the GENI to a structure, or are fired and used to haul objects. When fired, the harpoon bolt can open its tip, locking into a structure or unlock to release and can winch back either to pull an object toward it or it toward an object. The bolt is made to be re-used many times and does not require any ammunition or gunpowder as it is driven by magnetic induction.

In the event it strikes a person, the damage from the piercing head would be very painful and almost certainly lethal if it strikes a persons' center of mass unless medical assistance is on hand.

- **Damage Rating:** Tier 1, Light Anti-Personnel
- Range: Sixty meters

[Old Images](#)



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