

OrchidGear Gravity Boots

OrchidGear Gravity Boots were developed by the [Yugumo Corporation](#) in [YE 45](#).



Year of Creation	YE 45
Designer	Yugumo Fleetworks
Nomenclature	YU-G1-1A
Manufacturer	Yugumo Corporation , Yugumo Fleetworks , Ryu Heavy Industries
Fielded by	Yugumo Corporation
Availability	Mass Production
Price	Starting at 250KS

History and Background

The OrchidGear Gravity Boots were originally designed with the [RHI Type 43 "Megumi" Environmental Skinsuit](#) in mind, as it was the standard EVA suit for the [Yugumo Corporation](#) in [YE 45](#). The boots can also be worn in multiple other applications. They came up with a design that utilized miniaturized graviton generators, which emitted a localized gravitational field around the wearer's feet as opposed to using magnets found in similar designs.

Function and Design

Function and Design information for OrchidGear Gravity Boots. They were designed originally for use with the [RHI Type 43 "Megumi" Environmental Skinsuit](#). The design utilizes layered [Kinugoshi-ko](#) and [polymer](#) as well as thin [Durandium Alloy](#) plates for reinforcement.

Artificial Gravity Manipulation

Gravity boots rely on advanced technologies that manipulate and control gravity within a localized field. This means they can adapt to different gravitational conditions and maintain a consistent sense of “down” for the wearer, regardless of the ship's orientation or the lack of gravity in certain areas.

Microgravity Adaptation

In microgravity environments, such as deep space or zero-gravity regions of a starship, gravity boots activate their miniaturized graviton generators. These generators create a small, localized gravitational field around the wearer, allowing them to move about with ease and perform tasks as if they were in normal [Yamatai](#)-like gravity.

Variable Intensity

Gravity boots are often equipped with variable intensity settings. Users can adjust the strength of the artificial gravity field to match their comfort level or the specific task they're performing. This adaptability is particularly useful when transitioning between different areas of a starship with varying gravity levels.

Safety Features

Safety mechanisms are built into the boots to prevent accidents. If the boots detect a sudden loss of power or system failure, they can quickly release the user to ensure they don't become trapped or injured. Additionally, an emergency “zero-gravity mode” allows users to detach the boots entirely and float freely if necessary.

Usage

To use the gravity boots functions, the wearer can either roll back on their ankles which triggers the activation (or deactivation), or they can activate them by the switch on the back of the boot. The boots have an integrated [KAIMON-Aperture](#) chip, so that they can be reprogrammed, or utilized through [KAIMON](#)-based systems.

Efficient Mobility

Gravity boots enable crew members to navigate starships more efficiently, regardless of the ship's size or configuration. This enhanced mobility is vital for tasks like maintenance, repairs, or emergency responses.

Combat and Security

Gravity boots can also serve as a tactical advantage for security personnel or soldiers. They allow individuals to move swiftly and engage in threats in different gravitational conditions, giving them a significant edge in combat scenarios.

Reduced Muscle Atrophy

Extended periods in microgravity can lead to muscle atrophy and other health issues. Gravity boots can help combat these effects by allowing crew members to exercise and move in a manner that simulates [Yamatai](#)-like gravity.

Versatile Use

Gravity boots can be used in a wide range of settings, from starships to space stations, planetary exploration, and even during extravehicular activities (EVA). They are an indispensable tool for the [Yugumo Corporation](#).

OOC Notes

[Andrew](#) created this article on 2023/09/12 15:24.Written with the assistance of ChatGPT.

Art was made using Midjourney by [Andrew](#).

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Products & Items Database	
Product Categories	clothing
Product Name	OrchidGear Gravity Boots
Nomenclature	YU-G1-1
Manufacturer	Yugumo Fleetworks , Yugumo Corporation
Year Released	YE 45
Price (KS)	250.00 KS

¹⁾
<https://starmy.com/roleplay-forum/threads/more-damage-control-tools-and-gear-for-yugumo.70881/#p>

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