

Kodoku-Class Mining and Processing Facility

In late [YE 34](#), [Motoyoshi Hanei Kaisha](#) began to explore the possibilities of providing a major materials processing facility for mining operations within the [Yamatai Star Empire](#). The *Kodoku-Class Mining and Processing Facility* was the resulting product.

About the Kodoku-Class Facility

After exploring the prospects of opening an in-house mining division to boost internal revenue through the sale of raw and processed materials as well as for state sanctioned use by the [Yamatai Star Empire](#), the focus of designers turned to a mobile mining and processing facility that would not only process harvested materials but serve as a major platform for asteroid mining.

As analysts and designers began to work together, it became plausible and economical to turn the design into a hub for the receiving and processing for mining ships conducting operations on worlds that did not have mining facilities of their own, as well as to serve as a storage and processing terminal for tankers carrying gases and liquids harvested from gas giants and nebula.

After intensive debate, it was decided that the [Ge-H1-7A - Kōdaina Minato-Class Orbital Installation](#) would be modified for this use, creating a super-hub for materials processing. Due to the design's massive size and cost however, it was likely however that only a small number of the facilities would be built.

The first facility was constructed in [YE 35](#), and then placed into active production in the [Siren System](#) by [Yugumo Corporation](#) as Yugumo Corporation's primary Port in the system.

Statistics

General

- Type: Mining and Processing Facility
- Class: Kodoku-Class
- **Nomenclature:** Mh-H1-1A and Gs-H1-7B
- Designers: [Motoyoshi Hanei Kaisha](#), [Geshrinari Shipyards](#)
- Manufacturer: [Motoyoshi Hanei Kaisha](#), [Geshrinari Shipyards](#), [Yugumo Corporation](#) (After [YE 42](#))
- Production: On-Demand
- Fielded by: [Motoyoshi Hanei Kaisha](#), [Geshrinari Shipyards](#) and [Yamatai Star Empire](#)
- Price: 1,350,000,000 KS

Dimensions

Width: 43.56 kilometers (27.07 miles) Height: 30.97 kilometers (19.24 miles) **Decks/Sections:**

- Total Decks: 7,742
- Habitable Decks 7,200
- Uninhabitable Decks: 542

Inertial Mass: 5,741,643,000 metric tonnes

Propulsion Performance and Range

Geshrinari Turbo Plasma Drive:

- Maximum Acceleration: 312.28 km/s² (0.000,002,087 c/s² or maximum speed in four minutes)
- Cruising Speed: 59,959 km/s (37,260 mi/s or 0.20 c)
- Maximum Speed: 74,948 km/s (46,570 mi/s or 0.25 c)

Geshrinari Hyperspace Fold Drive:

- Charging Time: 30 minutes minimum, 30 LY range. +10 Minutes per additional 10 LY up to maximum range.
- Maximum Speed: 195,192 c (0.2 ly/m)
- Maximum Range: 60 Light Years

Durability and Maintenance

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

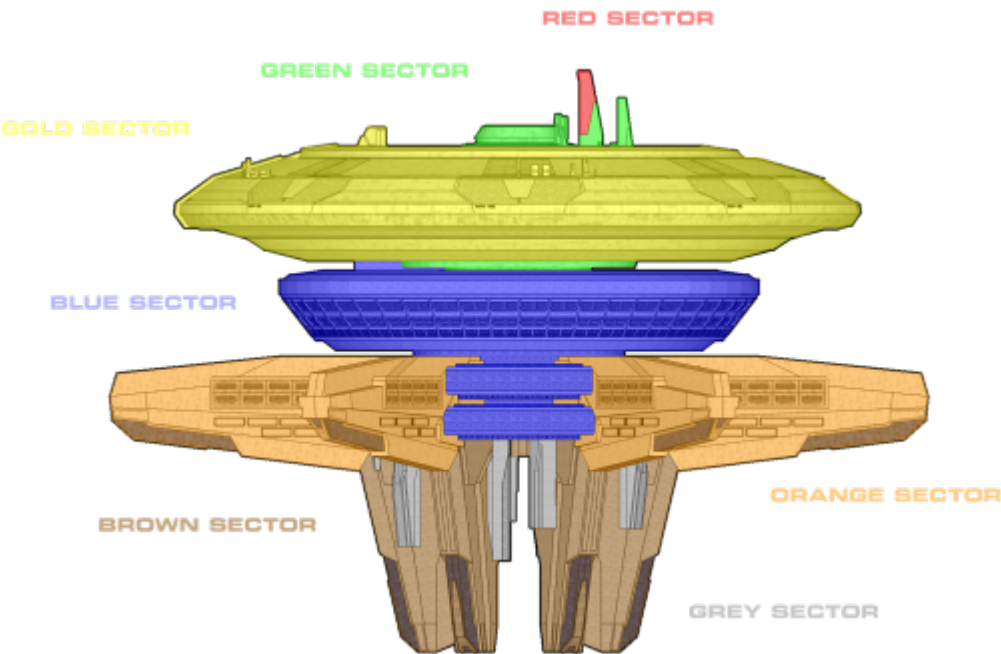
- Tier 15

Service Lifespan: Indefinite Refit Cycle: Constant

Pricing

Inside the Kodoku-Class Facility

Kodoku-Class Interior Layout	
Red Sector	Command and Administration
Green Sector	Residential, Agriculture, and Business
Gold Sector	Mineral Refining, Industrial Complexes
Blue Sector	Primary Receiving and Sizing
Orange Sector	Gas and Liquid Receiving, Gas and Liquid Processing
Brown Sector	Hard Materials Storage, Main Engineering, and Support Systems
Grey Sector	Liquid and Gas Materials Storage



Systems of the Kodoku-Class Facility

OOC Notes

- This page was originally created on 2012/12/20 03:38 by [Andrew](#).
- OK from [Nashoba](#) to make a [Ge-H1-7A - Kōdaina Minato-Class Orbital Installation](#) Variant.
- Finalised and approved by [Wes](#) on May 9, 2014¹⁾


Products & Items Database	
Product Categories	space stations
Product Name	Kodoku-Class Mining and Processing Facility
Nomenclature	Mh-H1-1A
Manufacturer	Yugumo Corporation , Yugumo Fleetworks
Year Released	YE 34
Price (KS)	1,350,000,000.00 KS
Star Army Logistics	
Supply Classification	Class A - STARSHIPS

¹⁾
<https://starmy.com/roleplay-forum/index.php?threads/kodoku-mining-and-processing-facility.14739/>

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Last update: **2023/12/21 04:21**



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