

# Ne-P1-4A Mining Module

A module designed for the [Ya'tronesha Hub Station](#), the module is designed to give the hub mining and refining capabilities. This module consumes a great deal of power and requires a dedicated power systems module to function properly. It was made available in ER 750.

*This module can be built as a pre-fabricated kit*

## About the Ne-P1-4A

### Details

Organization Using This item: [Kingdom of Neshaten](#) Type: Mining Nomenclature: Ne-P1-4A Designers: Se'verem Industrial Consortium and Neshaten Dockyards Research Departments Manufacturers: Se'verem Industrial Consortium and Neshaten Dockyards Entered service: ER 750 Crew Requirement: 4,200

### Dimensions

Width: 17 Kilometers (10.0 Miles) Height: 3 Kilometers (1.8 Miles)

### Damage Capacity

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

Hull: 100 Structural Points (SDR) Shields: 100 Shield Points (Threshold 5)

### Components

#### Attachment Corridors

The module has six attachment corridors that allows the module to be connected to the HUB or to other modules, the corridors are equipped to transfer water, power, and personnel from one point to another.

#### Foremens Offices

There are two foremen offices, each one located at each individual yard to help oversee construction and

ensure safety procedures are being met. These offices include a desk, chair, chalkboard and sticky-board for blueprints and also a video monitoring system so that the foremen can monitor construction while attending to other duties.

## **Unrefined Mineral Storage Bays**

A storage bay for unrefined minerals that are mined from mining ships; the bay has enough space to hold nearly eight days worth of refining. The bay's dimensions are three hundred by three hundred meters, there are only two of these bays.

## **Refined Mineral Storage Bays**

A storage bay for refined minerals and where they are stored. The module has two of these bays, they are smaller than the unrefined bays both in how much can be stored and the size, the bay is only two hundred meters by two hundred meters.

## **Refining Bay**

Located between the unrefined and refined storage bays; the refining bay is where all unrefined minerals are transported too their gravitational elevators for refining. The bay is mostly zero-g which allows module workers to float freely in the various refining sections to ensure that all equipment is working properly.

There are walkways all over the bay, allowing crews to easily use those to move around when the bay has gravity.

## **Loading and Unloading bay**

The loading and Unloading bays are where unrefined minerals are dropped off, and refined minerals are loaded. The unrefined unloading bay allows for bulk-transports to fly into the storage bay itself and literally 'dump' their minerals into the bay directly.

On the other hand, the unloading bay uses gravity elevators to transport refined minerals into the transport.

## **Systems**

## **Life Support**

There are four life support generators in the module, that allows it to be sealed off from the Hub. In an emergency, the generators can provide up to two seasons of recycled air before they must be replaced.

## Generator

The module has four medium sized [Lunabren generator](#) that provide power to the module for its onboard systems.

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