

# CSW-S1-C1 "Daedalus" Fabrication Module

The Daedalus Fabrication Module is an [Machine Intelligence](#)-driven manufacturing center capable of producing a wide range of parts, materials, and complex parts assemblies. So long as it has sufficient resources, time, and schematics, it can produce nearly anything that [Conclave Ship Works](#) has access to.

|               |                                     |
|---------------|-------------------------------------|
| Designer:     | <a href="#">Conclave Ship Works</a> |
| Nomenclature: | CSW-S1-C1                           |
| Manufacturer: | <a href="#">Conclave Ship Works</a> |
| Fielded by:   | <a href="#">New Dusk Conclave</a>   |
| Cost:         | 20,000+ <a href="#">DS</a>          |

## History

As the [New Dusk Conclave](#) began to expand into systems near [Sanctum](#), it became clear that any extended-duration operation would require its own robust fabrication capabilities. Up to this point, the NDC had been purchasing manufacturing systems from other major powers within the sector, such as the [Automanufactory Module](#). Not wanting to continue to rely on an uncertain supply of critical components, the newly formed Conclave Ship Works set out to design their own advanced fabrication facility.

The result is something that matches the faction's new [Operator](#) scientists and engineers very well. That is to say, it is both very advanced and so utilitarian in design that calling it bland would be generous. Regardless of size, the new device appears to be a thick-walled box with one side missing.

The Daedalus' general utility and wide range of size options make it ideal to fit the NDC's growing fabrication needs.

## Function and Design

Essentially an advanced 3D printer, the Daedalus can convert raw resources into a variety of materials and combine those materials with extreme precision. This process uses one or more [Multistruct Multitools](#) for fabrication/deconstruction, including complex or miniscule components thanks to the Daedalus' careful MI<sup>1)</sup> management. These Multistructs are held by a [Rebinder](#) suspension that can swiftly move the tools into nearly any position. A network of [Orchestras](#) are used to move objects into place and then hold them there for assembly or fabrication.

Gravity forges are used for manufacturing particularly dense or complex materials. Necessary resources are maneuvered into location by the Orchestra units. Then, the resources are compressed by powerful gravity generators in a fashion that resembles multiple layers of something being vacuum sealed.

The production capacity of a Daedalus is determined by its size and resource supply. As the fabrication module lacks any major moving parts, nearly the entire space within the Daedalus can be used for fabrication. For example, a Daedalus whose interior is exactly large enough to fit a single fighter could

fabricate that entire fighter.

Objects placed into the Daedalus can also be broken down into their discrete resources using the Multistructs. By design, the majority of the module's resources should be provided by an external system, but this can be used to efficiently recycle damaged or disposable components.

By design, one side of the Daedalus is left open. This allows objects within the Daedalus to be easily removed when they are complete. Specific installations may cover some portion of this opening, but doing so effectively limits the maximum size of what the fabrication module can produce.

A Daedalus module can be no smaller than a 3 meter x 3 meter cube in order to fit its minimum necessary components. It has no maximum size, although the power requirements for accurately moving objects within any module larger than 1000m x 1000m are so excessive that using multiple, smaller modules would be a better approach. Larger units will feature progressively more, and larger, components, as appropriate.

It is reasonably safe for crew to move and work within an active Daedalus. The built-in MI is designed to put occupant safety before any ongoing fabrication efforts. It is still possible for a careless crew member to harm themselves, however, so it is recommended that only crew who have been sufficiently trained in how to work within a Daedalus are allowed to do so.

## Appearance

The CSW-S1-C1 seems to be a large, empty chamber while not in use. When it is active, one or more objects seem to materialize out of thin air as fine streams of resources are maneuvered into place and assembled by one or more of the modules' [Multistructs](#). These objects are suspended in a fixed position without physical contact from any visible system within the module. The resultant process resembles something like an object being 3D printed in mid-air.

Periodically, larger drones will maneuver into position to provide software installations to components, attach pre-made components, or maneuver large parts into place.

## Availability

Not available for retail sale. Developed by [Conclave Ship Works](#) for [Conclave Aerospace and Fleet Forces](#).

## OOO Notes

[Whisper](#) created this article on 2020/11/06 16:55.

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| Nomenclature              | CSW-S1-C1                           |
| Manufacturer              | <a href="#">Conclave Ship Works</a> |
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[Machine Intelligence](#)

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