

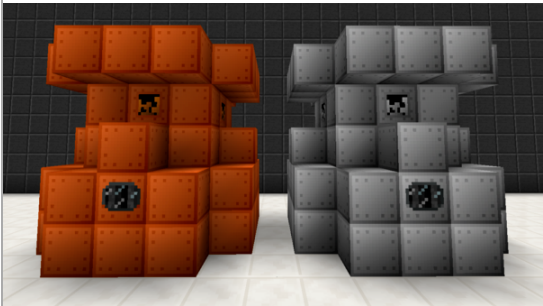
# Steam Separator

The **Steam Separator** is a Steam tier multiblock that functions as a large centrifuge. Not only can the Steam Separator process up to 8 items at once, but it is 25% faster than single-block steam machines of the same pressure and only consumes 62.5% of the steam normally required. There are two tiers of the machine: basic (T1) and high-pressure (T2).

## Construction

There are two tiers of the Steam Separator with the only difference being the material of the casings. The Steam Separator only accepts steam through a steam hatch (NOT an input hatch), much like other steam tier multiblocks. The Multiblock Structure Hologram Projector can show/build a basic Steam Separator, but holding at least two in a single stack can show/build the high-pressure version.

### Steam Separator



Mod	Gregtech 5
Type	Tile Entity
Relevant Quest	A steam-powered whirl!
Tier	Steam
Size	5x5x5 (LxWxH)
Pollution	None

Assuming plates are made in a forge hammer and rods are made with a file, a basic Steam Separator (with the necessary hatches) requires 1,125 bronze ingots and 69 brick blocks to build. Similarly, a high-pressure Steam Separator requires 1,559 steel ingots, 86 bronze ingots, and 4 brick blocks to build.

**Basic (T1) Requires:**

- 1 Steam Separator (Controller)
- 60-65 Bronze Plated Bricks
- 8 Bronze Gear Box Casing
- 4 Bronze Pipe Casing
- 3 Bronze Firebox Casing
- 1+ Steam Hatch (any casing)
- 1+ Steam Input Bus (any casing)
- 1+ Output Hatch (any casing)
- 1+ Steam Output Bus (any casing)

**High-Pressure (T2) Requires:**

- 1 Steam Separator (Controller)
- 60-65 Solid Steel Machine Casing
- 8 Steel Gear Box Casing
- 4 Steel Pipe Casing
- 3 Steel Firebox Casing
- 1+ Steam Hatch (any casing)
- 1+ Steam Input Bus (any casing)
- 1+ Output Hatch (any casing)
- 1+ Steam Output Bus (any casing)

## Wallsharing

A large amount of bronze or steel can be saved by wallsharing the top layer of the Steam Separator with another one directly overhead and upside down. The sides can also be shared, but that does not save as many resources.

## Usage

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The Steam Separator processes recipes up to LV tier, but does NOT accept input hatches. A single-block centrifuge is necessary for recipes requiring fluid inputs.

Again, the Steam Separator can process up to 8 items at a time, is 25% faster than single-block steam machines of the same pressure, and only consumes 62.5% of the steam normally required. Upgrading to high-pressure doubles both the processing speed and steam consumption. The player will likely use this machine up through HV because of the large bonuses over single-blocks.

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