

Steam Oven

The **Steam Oven** is a Steam tier multiblock that functions as a large furnace. The steam oven consumes steam for fuel and processes up to 9 items at once. Unlike the other steam tier multiblocks, there is no time or energy discount and there is no second tier. However, the parallels are still incredibly useful over vanilla or even nether furnaces.

Construction

The Steam Oven does not have a controller or any hatches--it consists of only a single type of block. The Multiblock Structure Hologram Projector does not show/build the structure for the player, but it is very easy to build. Simply place the 8 blocks in a 2x2x2 cube as shown in the image above.

Assuming plates are made in a forge hammer and all other parts are made by hand, a Steam Oven requires 235 steel ingots, 42 bronze ingots, and 6 brick blocks to build.

Requires:

- 8 Steam Oven Blocks

Wallsharing

As a Railcraft multiblock, the Steam Oven cannot wallshare any part of its structure and must be at least one block apart from other Steam Ovens to form properly.

Usage

There is a fixed cost of 13.5s and 8,000L of steam per smelting cycle which means it takes 1.5s or 889L of steam to process each item if there is at least nine items in the Steam Oven. The cost is not reduced if there is less than nine items inside the machine.

Steam and item **inputs** can be inserted directly from any side, but there is no auto-pull from nearby inventories. Item **outputs** can similarly be extracted from any side, but there is not auto-push to nearby inventories.

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Mod	Railcraft
Type	Tile Entity
Relevant Quest	Smelt All the Things...
Tier	Steam
Size	2x2x2
Pollution	none



Steam Oven GUI

Different items can be mixed for each smelting cycle. If multiple input slots are filled, the Steam Oven will split its processing amongst them as evenly as possible rather than prioritizing the first slot. If all items are removed before the cycle completes then it will stop, wasting the consumed steam. Upon completion of a cycle, the oven will emit white smoke particles and make a soft steam venting noise. This is purely cosmetic and will not damage nearby players or entities. Items that grant experience for smelting will yield the points when they are removed from the Steam Oven, much like vanilla furnaces.

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