

Hyper-Intensity Laser Engraver

Introduction

The Hyper-Intensity Laser Engraver (or HILE) is an IV-tier multiblock which can replace singleblock laser engravers. HILE is 200% faster than singleblock machines, uses 80% of the standard EU/t, and gets a variable number of parallels. It uses a laser source hatch, but this hatch does not accept or transmit laser power as it normally would. Instead, this hatch determines the maximum recipe tier (tier of source hatch + 1) and the number of parallels (the cube root of the amperage value of the hatch). This means that the maximum parallels range from 3 (32A Low Power Laser Source Hatch) to 812 (Legendary Laser Source Hatch)

Because this is a multiblock, you can use multiple input buses with different lenses in each one to perform different recipes, rather than building many engravers. It also ignores the "Needs Cleanroom" restriction for recipes which have it.

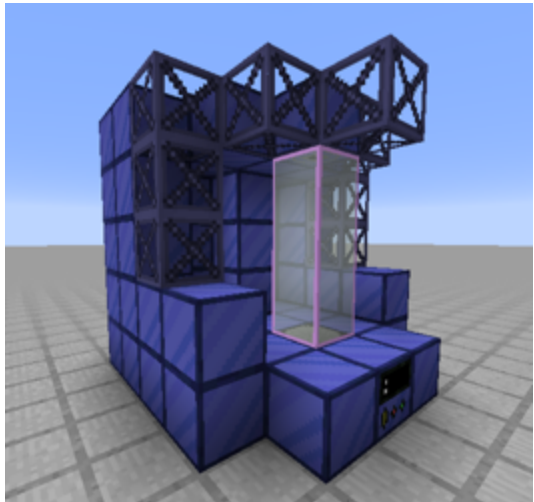
Construction

The HILE has one notable detail in its construction: the tier of glass used will restrict the maximum tier of the laser source hatch. This restriction is ignored above UMV glass - all hatches will be allowed.

Requires:

- 1 Hyper-Intensity Laser Engraver (controller)
- 1 Laser Source Hatch
- 1 Laser Resistant Plate
- 35 Laser Containment Casings (minimum)
- 3 Glass (tiered)
- 9 Tungstensteel Frame Boxes
- Any number of Input Buses, Output Buses, Input Hatches, Output Hatches, Energy Hatches, and Maintenance Hatches (replaces any Laser Containment Casing)

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Mod	GregTech
Relevant Quest	Engraving With Style
Tier	IV
Size	5x5x5
Rotatable	Yes

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