

SG02: Shulker Box Splitter

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Tags: splitting

Features

- 2wABt, fully hopper locked
- Globally clocked, allowing the array to be paused in operation
- Status outputs for activity, inactivity, & empty box supply

Applications

- Dynamic sorting systems.

General Description

Splits mixed boxes into smaller boxes of the same type. This design uses the hopper dueling mechanism for a "filter itemless" setup. It uses a global clock to allow for it to be paused during operation. Control wiring is comparatively tricky to do because of the global clock. Can lose empty boxes (although will not break) if they are input with no items. So don't do that.

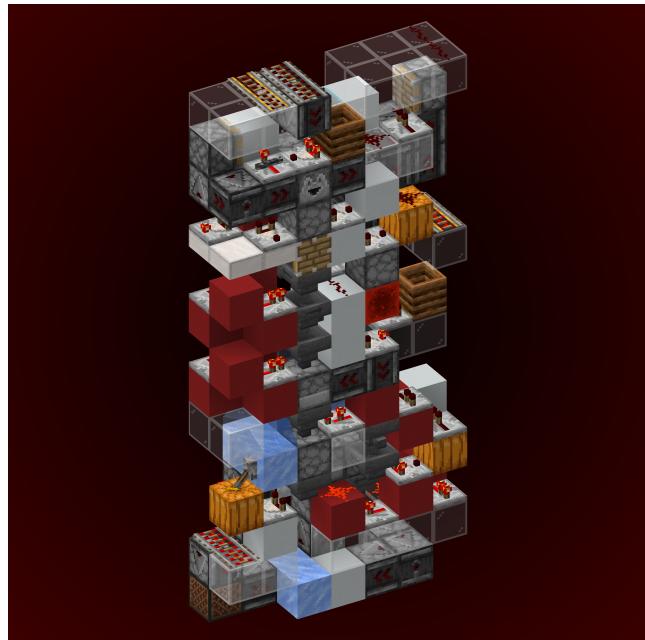


Figure 1: Shulker Box Splitter

Device Specifications

Table 1: Inputs

Name	Range	Description
Clock signal	Pulse	Executes conversion algorithm with each pulse.

Table 2: Outputs

Name	Range	Description
Output	Pulse	Outputs

Table 3: Device Specifications

Parameter	Min.	Typ.	Max.	Unit	Conditions
MC Version	1.11	-	-	MCV	Latest version at time of writing: 1.19.3
Dimensions		11 x 18 x 16		Blocks	

Testing Data

TODO

Download Information

Table 4: Download Information

Identifier	MC	File	Description
SG02	1.17.1	SG02_Shulker_Box_Splitter.litematic	Schematic of device.