Soontech Annals
SG01: Shulker Box Splitter Array

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Tags: splitting

Features

- No "filter items"
- 2 wide tileable design

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. Video explanation here.
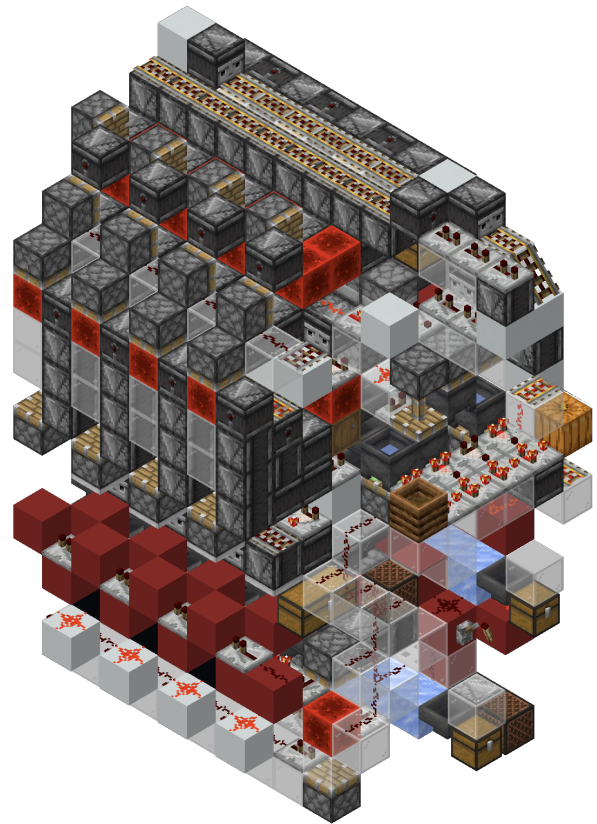

Figure 1: Shulker Box Splitter Array

Device Specifications

Table 1: Inputs

Name	Range	Description
Mixed boxes input	Box	Boxes to split. Boxes can contain any items.

Table 2: Outputs

Name	Range	Description
Split boxes output	Box	Boxes with same item types only
Unstackables output	Item	Unstackable items

Table 3: Device Specifications

Parameter	Min.	Typ.	Max.	Unit	Conditions
MC Version	1.16.5	1.16.5	-	MCV	Latest version at time of writing: 1.19.3
Dimensions		14 x 19 x 9		Blocks	

Testing Data

Table 4: Executed Tests

Test	Result
Splitting test	Device was able to split mixed boxes correctly.

Download Information

Table 5: Download Information

Identifier	MC	File	Description
SG01	1.17.1	SG01_Shulker_Box_Splitter_Array.zip	World download of device.