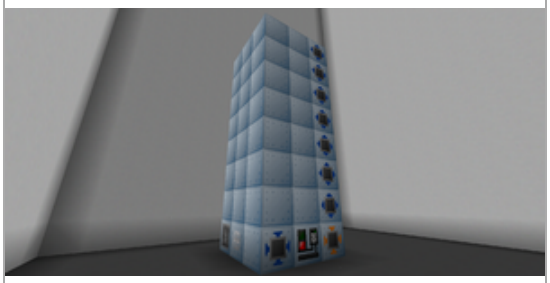
GT New Horizons

Dangote Distillus

The **Dangote Distillus** (Dangote) is an IV tier multiblock that is an upgraded form of the Distillery and Distillation Tower, capable of running distillation recipes with large speed increases and access to parallels. These features allow it to run much faster and with much lower power usage than the standard Distillation Tower or Distillery, making it useful (although never required) for high throughput chemical lines and power production. The Dangote Distillus can also be upgraded by placing a Distillus Upgrade Chip in the controller, which will be consumed; the upgrade is tied to the controller, and is retained when the controller is broken. In Distillation Tower mode, the multiblock runs 3.5 times faster than a standard Distillation Tower, and runs up to four parallels, which increases to twelve parallels when upgraded. In Distillery mode, it benefits from an 85% discount on energy usage and runs twice as fast, alongside a maximum of four parallels per voltage tier, which increases to eight when upgraded.

Dangote Distillus	
	
Mod	GT++
Relevant Quest	Super Distillation Bet on the Distillus
Tier	IV
Size	3x3x3 - 3x12x3
Pollution	480/second
Energy:	
Energy usage	60-1.9m EU/t
Voltage in	As Energy Hatch
Max amperage	1-2A

Construction

The Dangote Distillus, similar to the Distillation Tower, is a hollow 3x3 structure with a height of between 3 and 12 blocks. The height the tower needs to be depends on what recipes the player intends to use it for: for Distillery mode, it must be built to its maximum height of 12, while for Distillation Tower mode, the number of layers above the first determines the maximum number of distinct output fluids it can produce. Compared to the Distillation Tower, the Dangote only adds the requirement for a Muffler Hatch on the top layer, although it also allows for many more Output Hatches to replace casings if desired. Use the Multiblock Structure Hologram Projector to visualize/build the structure with the number of projectors held in a single stack to specify the height, which starts at 3 with a single projector and reaches its maximum when 10 are held.

Requires:

- 1 Dangote Distillus (controller)
- 7+ Clean Stainless Steel Machine Casings
- 1-2 Energy Hatch, replacing any casing

- 2-11+ Output Hatch, depending on height, with a minimum of one per layer except the bottom
- 0+ Input Bus, replacing any bottom layer casing
- 0+ Output Bus, replacing any bottom layer casing
- 1+ Muffler Hatch, replacing any top layer casing

Wallsharing

Multiple Dangotes can be wallshared to reduce the number of casings and hatches required, as well as streamline logistics by sharing inputs and outputs.

Usage

Once placed, the Dangote Distillus defaults to Distillation Tower mode, and can be toggled between its two modes by right clicking the controller with a Screwdriver. Two of the standard configuration options are supported: Voiding Mode, with Nothing, Excess Items, Excess Fluids, and Excess Items/Fluids as available options, and Batch Mode, which can be enabled. A Programmed Circuit can be placed in either the controller block or an Input Bus for recipes that require one.

The Distillation Tower recipes shown in NEI will show a grid of numbered cells with liquids in them. The grid number denotes which output hatch the liquid will come out of in a Dangote running in Distillation Tower mode, where 0 is the Output Bus (items) and 1 is the Output Hatch of the second layer, 2 is the Output Hatch of the third layer, etc. from bottom to top. If a Dangote is too short to accommodate all of the potential outputs, it will show a "not enough output space" error message. Turning Voiding Mode on for Excess Fluids will make it run anyways. If running this type of setup, ensure the Output Hatches are emptying fast enough because the Dangote will also void overflow of potentially desired fluids.

GT++ [Collapse]		
Blocks [Collapse]		
Blocks/Casings		Botmium Machine Casing • Laurenium Machine Casing
Machines		Cold Trap • Computer Cube • Reactor Processing Unit
Multiblocks	**GT Processing**	Amazon Warehousing Depot • Boldarnator • Cryogenic Freezer • Cutting Factory • Dangote Distillus • Density^2 • FusionTech Mk IV • High Current Industrial Arc Furnace • Industrial 3D Copying Machine • Industrial Centrifuge • Industrial Coke Oven • Industrial Electrolyzer • Industrial Extrusion Machine • Industrial Material Press • Industrial Mixing Machine • Industrial Sledgehammer • Large Processing Factory • Large Scale Auto-assembler • Large Sifter • Large Thermal Refinery • Maceration Stack • Ore Washing Plant • Steam Grinder • Steam Squasher • Utupu-Tanuri • Volcanus • Whakawhiti Wera XL • Wire Factory • Zyngen
	GT++ Processing	Alloy Blast Smelter • Compact Cyclotron • ExxonMobil Chemical Plant • IsaMill Grinding Machine • Reactor Fuel Processing Plant • Sparge Tower • Thermal Boiler
	Resource Prod.	Algae Farm • Tree Growth Simulator • Zhuhai Fishing Port
	Powergen	Large Advanced Gas Turbine • Large Generator Array • Large Semifluid Burner •

	Turbine • XL Turbo Plasma Turbine • XL Turbo HP Steam Turbine • XL Turbo Steam Turbine
Other	Matter Fabrication CPU • Molecular Transformer • Power Sub-station

Items [Collapse]

Tools Portable Scanner

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