Continutiki

$19,999 USD + shipping

Process a wide variety of materials in this continuous version of the popular Kon Tiki kiln.

The Coontinutiki biochar stove works with large, chunky materials like woody biomass and coconut shells, stringy materials like hemp, corn, or sunflower stalks, as well as grassy materials. This system features an auger for unloading automatically, which reduces labor required to operate and hugely improves upon the traditional Kon Tiki design. The internal grate allows the Continutiki stove to process larger chunks of biomass, cooking them more completely than the Kon Tiki kiln. By avoiding large unburned pieces of biomass, the Continutiki yields a more consistent size of the finished biochar product and reduces the water needed for quenching. The Continutiki is uniquely designed for flame containment, the biggest improvement yet over the popular Kon Tiki stove. It allows for oxygen control, reduces emissions, and mitigates significant risks of wildfire hazards associated with open flames. The Continutiki also allows for capturing the heat generated, which is not possible using a traditional Kon Tiki kiln. Options are available for air and liquid heat exchangers.

Input: Up to 80 pounds of wood waste per hour

Output: lump biochar

- Hourly: Up to 10 lbs/hr, using wood waste for feedstock
- Daily: Approximately 100 lbs/day, running 10-12 hrs
- Yearly: Approximately 18 tons/yr

Temp range: ~260-800°C (~500-1500°F)

Heat: Up to 300k BTU/hr output. An optional heat exchanger is available at an additional cost, with different options for air or liquid applications.

Lead time: 120 days

Fuel: Runs on a variety of chunky materials

- Wood waste including sawmill waste & branches
- Stringy materials such as hemp, corn, and sunflower stalks
- Grassy materials, reeds, and straw
- NOT suitable for small particles like wood chips or sawdust

Site requirements: 8" stove pipe and 110V power. Stove is 10 ft. tall with a footprint of approximately 10 ft. x 5 ft.

Options: Air or liquid heat exchangers are available. Grates with different size openings are available for processing different materials

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