

SPECIFICATIONS FOR AN ECOAL MOBILE POWER PLANT

Attached is a diagram of a mobile power plant unit I want to build. These will be demo units and be sold to franchisees to market its components. What I need if you produce Gasifiers, is a **Coal Bin**, with an **Automatic Timed Screw Feeder**, to a **Gasifier**, that has an **Automatic Ash Discharge**. The **Gasifier will need a Compressor** to pump the produced syngas into a Gas Storage Tank. I want the Gasifier to have a double insulated outer wall to prevent injuries or damage from the heat and if possible use a microwave heating element. If the Gasifier uses water, provide a **Water Tank**. I am also looking for a 10Kwh Solid Oxide Fuel Cell (SOFC) if you have any contacts. The trailer size is 6'W x 16'L with a maximum height of 6' from the bed of the trailer. I need a gasifier that uses 2 kg/h of coal an hour to create 10 kWh or 34120 btu/h supply of syngas.

If you can build the components or even the entire mobile unit let me know what your cost would be.

US COAL POWER MOBILE DEMONSTRATION POWER PLANT

