



## Greenvinci biomass steam generator

### Product Introduction

Greenvinci biomass steam generator, using low cost biomass pellets as combustion fuel, is a automatic free inspection steam generator. Energy saving and environmental protection.

Adopting the most advanced semi-gasification compound combustion technology, microcomputer control system and modular design, with the advantages of fully automatic intelligent operation, no supervision, free of inspection, simple operation and maintenance, fast steam production and high dryness of steam, it's the best choice to replace coal, oil, gas and electric heating boilers to save **30%- 80%** running cost!

### Product display



### Production Details



## Product Features

<p><b>High efficiency &amp; energy saving</b></p>	<ol style="list-style-type: none"> <li>1. Semi-gasification compound combustion technology--Fuel burnout rate is over 98.5%;</li> <li>2.Unique multi-return furnace design, large heat transfer surface and micro-negative pressure combustion--thermal efficiency more than 93%;</li> <li>3.Save cost up to 30-80% compared with traditional products (see the energy consumption comparative analysis table below);</li> </ol>
<p><b>Environmental</b></p>	<ol style="list-style-type: none"> <li>1. Biomass fuel--low-carbon,no sulfur and nitrogen emissions</li> <li>2. Full combustion, multistage dust removal structure, smokeless and low noise</li> <li>3. Emission indicators are lower than the "Boiler Air Pollutant Emission Standard" (GB13271-2001).</li> </ol>
<p><b>Stable &amp; reliable</b></p>	<ol style="list-style-type: none"> <li>1. years of experience in energy saving equipment;</li> <li>2. Intelligent control system, pressure, water shortage, safety valve, feed, air distribution, dry burning and other multiple interlocking protection devices to ensure stable operation;</li> <li>3.Three-stage feeding system with micro-negative pressure combustion mode--no smoke return;</li> <li>4. Designed according to the standard process of boiler, each product is tested by water pressure, non-destructive testing, pressure holding, efficiency and stability, and strictly checked out with certificate.</li> </ol>

<p><b>Convenient &amp; efficient</b></p>	<ol style="list-style-type: none"> <li>1. Free of inspection;</li> <li>2. Full automatic intelligent control, no need to be on duty;</li> <li>3. Compact structure, complete configuration, universal rubber wheel, easy transportation and installation;</li> <li>4. Ignition, electronic control hand self-integrated configuration, feeding, fire observation, sewage, ash removal, black and white water level and other humanized design, flexible operation, easy maintenance;</li> </ol>
<p><b>Elegant appearance</b></p>	<ol style="list-style-type: none"> <li>1. The utility model appearance patent, standard industrial process design, compact structure, small space occupation, simple but beyond simple;</li> <li>2. 5 heavy sheet metal pretreatment, 260 degree powder spraying high temperature baking paint, as long as new, durable;</li> <li>3. The structure, material and baking paint adopt green tripod energy-saving and environmental protection design concept, novel shape and elegant appearance.;</li> </ol>

## Technical parameters

Model	Rated evaporation (kg/h)	Fuel consumption ( kg/h)	Working pressure (MPa )	Steam temperature	Size(L*W*H) (mm)	Gross Weight(kg)
LSG0.1-0.7-S	100	17	0.7	170℃	1410*650*2300	520
LSG0.2-0.7-S	200	25	0.7	170℃	1500*750*2420	650
LSG0.3-0.7-S	300	30	0.7	170℃	1600*850*2420	750
LSG0.5-0.7-S	500	50	0.7	170℃	2600*1950*2420	1500

## Economic Analysis

Fuel consumption comparison, per 100kgs steam (USD):

	Electricity	0#diesel	LPG	Gas	Biomass
<b>Rated fuel consumption</b>	72KW/H	6.8KG/H	16.5NM <sup>3</sup> /H	7.8 NM <sup>3</sup> /H	16KG/H
<b>Fuel price</b>	0.14/KW	0.86/KG	0.86/KG	0.43/M <sup>3</sup>	0.14KG
<b>Fuel cost per 100kgs steam</b>	10	5.8	14	3.4	2.3

Relative energy efficiency	<b>-77%</b>	<b>-60%</b>	<b>-84%</b>	<b>-32%</b>	
Cost saving/hr (80% capacity)	<b>6.4</b>	<b>2.8</b>	<b>9.5</b>	<b>0.85</b>	
Cost saving/day (8hrs)	<b>51.2</b>	<b>22.4</b>	<b>90</b>	<b>6.8</b>	
Cost saving/month (26 days)	<b>1331.2</b>	<b>582.4</b>	<b>2340</b>	<b>176.8</b>	
Cost saving/year (11 months)	<b>14643.2</b>	<b>6406.4</b>	<b>25740</b>	<b>1944.8</b>	
Cost saving/3 years	<b>43930</b>	<b>19219.2</b>	<b>77220</b>	<b>5834.4</b>	

## Our service

We will challenge ourselves with excellent product quality, perfect after-sales service, and good commercial reputation to meet customers' satisfaction.



Scene investigation, Energy Consumption Analysis.



Energy Conservation Scheme Design, Customized Solution.



Project Construction, Plane and 3D Map.



8 Major Sectors , Standardized and Precise Production.



Strict Quality Inspection, Idling Test & Fuel Test.



Packaging, Transportation, and Logistics Service.



Turn-key Engineering or Engineer Instructs Installation (At Home and Abroad).



Lifelong After-sales Tracking, 24-hour Online Service.

## Q & A

### 1. How to install?

It is very sample to install. There will be a instructions and there are another 3 ways we usually support:

make a phone call; send videos; video chat with technician.

## 2. How to maintain?

To use water softener. When there are problems with the machine, it is generally in operation. Telephone and video communication can be available. The damaged parts can be replaced directly. The service life is more than 5 years in normal use.

## 3. What's the energy saving efficiency?

Saving cost up to 30-80% compared with diesel, natural gas and electricity.

## 4. Why choose us?

- A. More energy efficient: can save energy up to 20-30% compared with other brands in China with same capacity.
- B. With more than 20 years experience: mature technology and stable quality.
- C. Low failure rate, almost no after-sale cost.
- D. Brand effect: Have been providing Energy Saving Solutions for Thousands of Global Customers.

## Applications



### Used for autoclaves in a Cosmetics Factory



### Used for moon cake making factory



Used for a Washing plant



Used for Distillery for wine making

## Our certificates

### CERTIFICATE



## OUR CUSTOMERS



India ,Airier Natura Pvt.Ltd



Malaysia Ipoh



Ukraine Kiev



Malaysia



Thailand



Malaysia



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