



Save  
Your  
fuel  
**COST**  
up to  
**20% to 50%**

**GIRIRAJ INDUSTRIES**

MFG. OF : WOOD PELLETS & PELLET BURNERS

## WHY WOOD PELLETS ???

Classified as a "densified biomass fuel", wood pellets are a sustainable heating fuel product that reduces pollution and conserves finite supplies of fossil fuels such as oil, natural gas, and coal. It's estimated that wood pellets are currently providing clean, efficient heat to approximately 1 million homes and businesses throughout the U.S., with millions more using them around the world.

Wood pellets are an extremely clean source of energy. In fact, according to the Pellet Fuels Institute (PFI), when compared to oil, a ton of wood pellets burned to create the same heat energy reduces CO<sub>2</sub> emissions by 1.5 tons! And because most wood pellets are made from by-products of other lumber-related industries, they further help the environment as a recycled fuel source-reusing materials already harvested for other purposes, in addition, burning wood fuel pellets for heat instead of oil, natural gas, or coal heating costs and dependence on foreign sources of energy.

Wood pellets burn cleaner, are more convenient and easier to store firewood. They produce significantly less ash and particulate waste than firewood and a ton of wood fuel pellets can easily be stored in a 4" x 4" space.



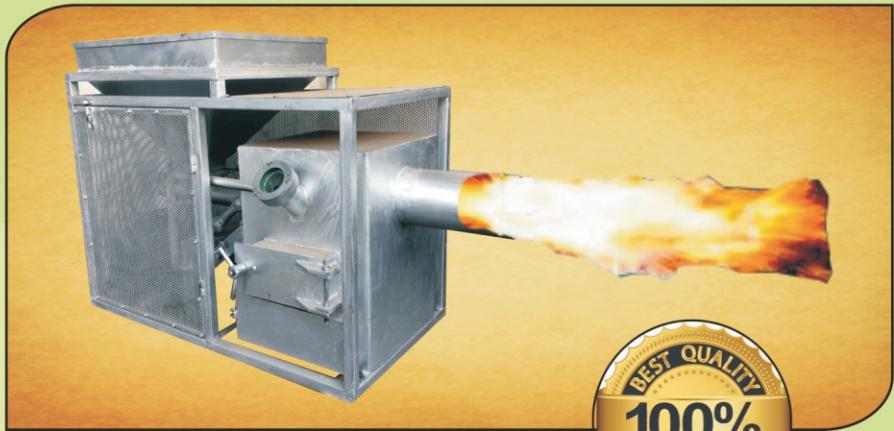
### Concept

- we are presenting proven & efficient series of Bio-mass pellet fired burners..
- This is basically European concept for environment friendly combustion heating process.
- Why eco-friendly ? Because **PELLETS** are made from woods & agri-waste, which are :
  - **Renewable** source of energy
  - **Carbon** neutral fuel.
  - No fossil fuel - No **Sox** or **Nox** Release- No **CO** release
  - Alternate Low-cost source of energy against conventional **Oil & Gas**

## Wood Pellet Commercial Burners

No.	Model	Capacity	Consumption	Power	Auto Control Panel	Auto Ignition System	Auto Temp. Control & Double Ash - Cleaning Door
1	GEP-100	1-Lac Kcl/hr	15-25 (kg/Hr.)	0.5 KW	Yes	Yes/No-Optional	
2	GEP-200	2-Lac Kcl/hr	30-50 (kg/Hr.)	0.75 KW	Yes	Yes/No-Optional	
3	GEP-300	3-Lac Kcl/hr	45-75 (kg/Hr.)	1.5 kW	Yes	Yes/No-Optional	

### Auto Control Panel

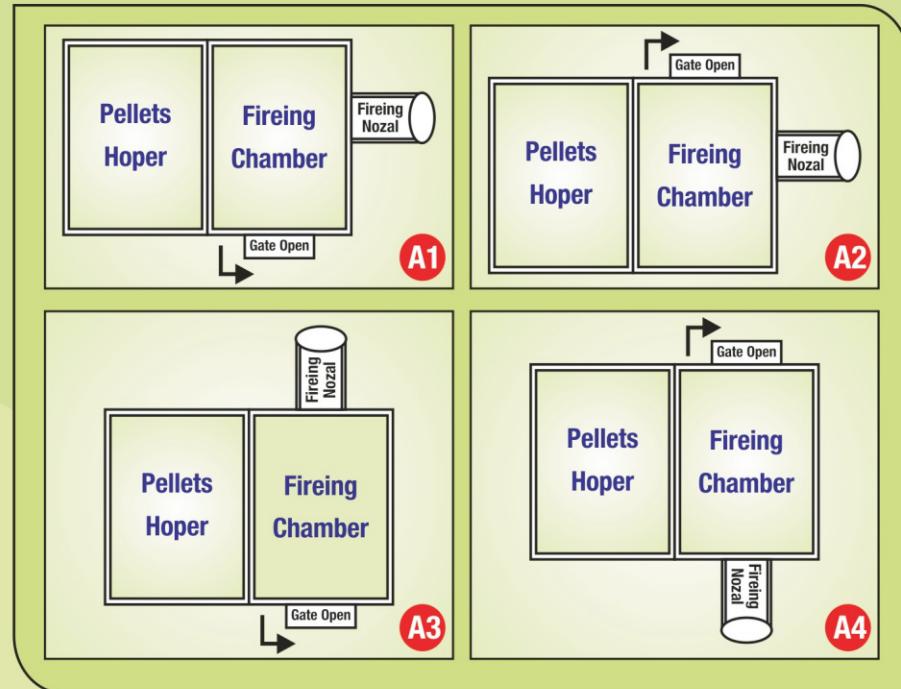


## Wood Pellet Commercial Stove

No.	Model	Capacity	Consumption	Power	Auto Control Panel	Auto Ignition System	Auto Temp. Control & Double Ash - Cleaning Door
1	GEP-50	50,000 Kcl/Hr	7-15 (kg/Hr.)	0.30 KW	Yes	Yes/No-Optional	
2	GEP-100	1 LAC Kcl/Hr	15-25 (kg/Hr.)	0.50 KW	Yes	Yes/No-Optional	



# BURNER TOP VIEW



## Application



Circular Fryer



Namkeen / Chips



Rectangle Fryer



Asphalt Mix



Plastic Roto Molding



Biscuit



Printing & Paper



Textile Industries



Pharmaceutical



Plastic Roto-Molding



Bakery Oven



## Specification

High Caloric Value	>4200 ± 2%
Uniform Moisture	<10%
Low Ash	<2 - 5 %
Bulk Density	600 kg/m <sup>3</sup>
Highly Efficient Combustion	Size 6 mm
Approx-Length	10 - 30 mm

## Choose Wood Pellets Because....

- Reduces dependence on oil, natural gas and coal and foreign countries.
- Renewable source of energy.
- Burn longer and stronger than other solid biomass fuels (8,000 BTUS per lb)
- Better for the environment than fossil fuels like oil, natural gas and coal.
- Burn cleaner, hotter and more efficiently than firewood (pellet stoves are 80-90% efficient)
- Easier to store than firewood - 1 ton can fit in a 4' X 4" space
- Less expensive than fossil fuels.
- Tax credits for switching to a wood pellets stove are available.
- Pellets stoves are easier to clean than traditional wood stoves.

## Pellets VS Other Fuels Comparison Chart with Saving Potential Approx)

No.	Particulars	Pellet \ (kg)	LPG \ (kg)	(Ltr) \ (Diesel)	LDO\ (Ltr)
1	Calorific Value (Kcal)	4200	12000	10,500	9500
2	Rate (Rs)	15 (/Rs.)	75	70	50
3	Equivalent Pellet Consumption		2.86	2.50	2.27
4	Cost of Pellet (Rs.)		43	38	34
5	Tentative Savings (Rs.)		32	32	16
6	Savings in %		10%	45%	32%

\*Savings on Price is subjected to very based on fuel market Rates.





**Zero Maintenance**



**Eco Friendly**



**No Dust**



**Wood Pellets Renewable Energy**



## OUR CLIENT FAMILY



**PD INDUSTRIES**  
MANUFACTURER OF SELF ADHESIVE TAPE



White Line Enterprise

ॐ સાંઈ દાણાચણા  
નારાયણ સીંગ  
ફિરોજભાઈ ચણાવાલા  
**DLC FRIYMS**

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**SHAILESH MOVALIYA**

+91 9825213536

+91 9825213524

greenecopower1@gmail.com

www.thegirirajindustries.com

35, Ghandi Estate, Navagam, N.H.-8, Kamrej, Surat-394185 (Guj.) INDIA.

