

BIOMASS WOOD PELLET STOVE



Welcome to Ecosmart

We at "ECOSMART" are providing environment friendly wood pellet stove and other road equipment oil burner, industrial burner, hydraulic power pack too. We offer high technically good designed wood pellet stoves and oil burner for both residential, commercial and industrial uses.



Concept

1. We are presenting proven & efficient series of biomass pellet fired stove.
2. This is basically the concept for environmentally friendly fuel heating process.
3. Pellets are made from wood and agriculture waste.
4. Which is the renewal of energy
 - Carbon neutral fuel
 - Alternate low-cost source of energy against conventional oil & gas.

Why We?

- We have rich experience in combustion tech since 15 years.
- We have put in depth for 3 year to develop these products.

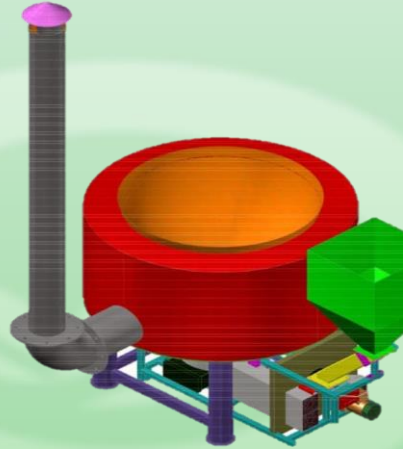
ecosmart
Renewable Energy



FEATURES:

- Auto Temp Control
- Air Control Dampers
- Double Ash Cleaning Door
- Timer Based Control Panel
- Auto Ignition(Optional)
- Multi-fuel Stove

APPLICATIONS:



SPECIFICATIONS:

Model	Capacity	Consumption	Max Power
ES STV	Kcal/hr	Kg/hr	kw
40k	40000	5 to 10 kg	120 W
60k	60000	10 to 14 kg	180 W
80k	80000	15 to 19 kg	240 W
100k	100000	20 to 25 kg	260 W
150k	150000	30 to 35 kg	300 W
200k	200000	40 to 48 kg	1 HP
250k	250000	60 kg	1 HP
300k	300000	70 kg	1 HP

APPLICATIONS:

- Farsan Making
- Food Industry
- Textile
- Metal
- Packaging
- Bakery Oven
- Boiler
- Dryer
- Lodge Restaurant & Hostel
- Restaurant
- Melting Furnace
- Namkeen Fryer
- Roaster
- Roto Molding
- Plastic

Wood Pellets – An Innovation Revolutionary Fuel

Pellets are small “nugget” of compressed waste wood including saw dust and wood chips.



Benefits:

- Refined and Densified Biomass Fuels.
- Uniform Consistency and Burning Efficiency.
- Carbon Neutral Fuel (Zero Pollution).
- Substantial Savings Over Gas and Diesel.
- Identical Flame Like Gas and Diesel Burner.
- Safe to Store and Handle.
- Higher Calorific Value Compared to Other Biomass Fuels.
- Minimum Ash Content Compared to other Solid Fuels.
- Eco friendly combustion.
- Minimum 40 to 60% savings in fuel cost is guaranteed.
- Clean & Silent operation.

1 ton Pellet SAVES 1 ton CO2 Emissions

HOW PELLETS ARE COST EFFECTIVE:

		Wood Pellet/Kg	LDO/Liter	HSD/liter	FO/liter	PNG/Kg	LPG/Kg
Calorific Value	Kcal/Kg	4200	10200	10500	9650	8600	11200
Rate	Rs.	12	61	90	60	60	90
Equivalent Pellet Required	Kg		2.43	2.5	2.29	2.05	2.67
Pellet Cost	Rs.		34	30	28	25	32
Saving in Rs.	Rs.		27	60	32	35	58
Saving in %	%		44%	67%	53%	58%	64%



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