

**PELLET FIRE
BURNER
SAVE FUEL
COST UP TO
50%**



BIOMASS PALLET BURNER

PALLET FIRE NAMKEEN BHATTI



Renewable Source of Energy

Best Alternate of Fossil Fuel

Economic & Environmental Friendly

Mfg. of Pellet Fire Burners, Compact Burners, Steam Boilers, Hot Water Generators, Hot Air Generators, Thermic Fluid Heaters, Edible Oil Heat Exchanger, Aluminum Melting Furnace, Dryers, Ovens



BIOMASS PALLET BURNER



SILENT FEATURES

- Low Fuel Indication
- 60% Saving in Fuel Cost
- Clean & Silent Operation
- Smooth & Smokeless Firing
- Service and Spare Parts Backup
- Zero Maintenance & Robust Design
- Plc Control Panel with Safety Features
- Auto Ignition & Auto Ash Removal System
- Fully Automatic & Low Power Consumption

APPLICATION

Edible Oil Heat Exchanger

Aluminium Melting Furnace

Continuous Namkeen Fryer

Batch / Rectangular Fryer

Dall / Papad / Fryums / Dryers

Hot Air Generators / Steam Boilers

Rotogravour & Printing Industries

Bitumen Tanks & Road Construction

Bakery Oven, Biscuit Line & Rice Mill

Poha / Chana / Murrura/ Peanut Roaster

Thermic Fluid Heater

Pharmaceutical

Chemical Industry

Textiles Industries

Rotomoulding Plants

Why Pellets Are Economical

Particular	Pellet (KG.)	LPG (KG)	LDO (Ltr.)	Diesel (Ltr.)	FO (Ltr.)	PNG (nm ³)
Calorific Valur (Kcal)	4400	11500	8200	10500	10000	8500
Rate (Rs)*	18	100	70	90	65	77
Pellet Consumption	-	2.9	2.0	2.5	2.25	2.5
Cost of Pellet (Rs.)	-	40	28	35	24	18
Tentative Savings (Rs)	-	20	21	35	21	35
Saving in %	-	33	42	50	46	40%

** Savings on Price is subjected to very bases on fuel market rates

TECHNICAL SPECIFICATIONS OF BIOMASS PELLET BURNER

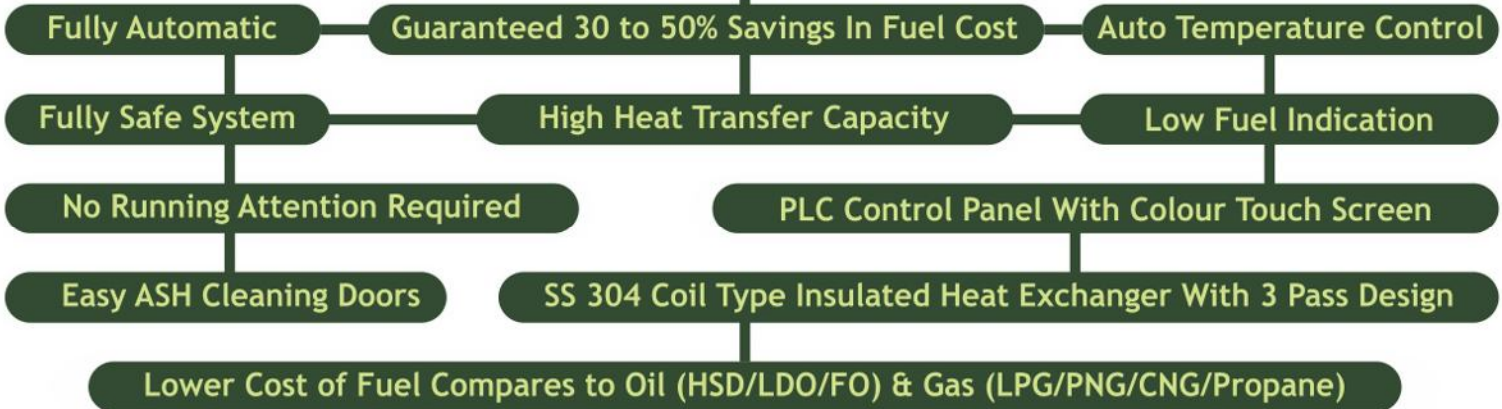
Particular	Unit	JEPB-25	JEPB-50	JEPB-70	JEPB-100	JEPB-150	JEPB-200	JEPB-250	JEPB-300	JEPB-400
Capacity	Kcal/hr	1,00,000	2,00,000	3,00,000	4,00,000	6,00,000	8,00,000	10,00,000	12,00,000	18,00,000
PLC Control Panel	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overall Dimension	Length	1500	1800	1900	2000	2200	2500	2800	3000	3300
Overall Dimension	Width	550	600	700	800	900	1000	1100	1200	1600
Overall Dimension	Height	1325	1600	1600	1800	1800	2000	2000	2500	2800
Power Rating	KW	0.37	0.75	1.50	1.50	2.25	3.75	3.75	5.50	7.50
Fuel Consumption (Min)	Kg/hr	12	16	25	33	40	65	80	90	100
Fuel Consumption (Max)	Kg/hr	36	48	75	100	150	190	240	290	450
Secondary Fuel Feeder	-	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes	Yes
Weight (Approx).	KG	600	900	1100	1250	1400	1500	1800	3000	4500

Capacity (kcal/hr): 1 Lacs to 70 Lacs

Design : Air Cooled & Water Cooled



SILENT FEATURES



TECHNICAL SPECIFICATIONS OF EDIBLE OIL HEAT EXCHANGER

DETAILS	UNIT	JEHE-100	JEHE-200	JEHE-300	JEHE-400	JEHE-600	JEHE-800	JEHE-1000
Heat Out Put	Kcal/Hr	1,00,000	2,00,000	3,00,000	4,00,000	6,00,000	8,00,000	10,00,000
PLC Control Panel	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
All Std. Safety Accessories	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Electrical Supply	Volts	220 volt, 1 Phase			440 volt, 3 phase			
Fuel		Pallet, Natural Gas, CNG, Oil						
Fuel Consumption								
Gas (LPG)	Kg/Hr	3.5	14	24	28	40	56	70
Pallet	Kg/Hr	15	30	60	65	100	140	170
Oil Circulation Pump	KW	1.5	2.25	3.25	3.75	5.5	7.5	11.25
Blower/ Burner Motor	KW	0.37	0.75	1.00	1.5	2.25	3	3.75
Total Electrical Load	KW	1.87	3.75	4.25	6	8.63	12.75	16
Overall Dimensions	LxWxH	1200x800x1000	1500x1000x1200	2200x1200x1500	2400x1350x1500	2500x1500x1800	2800x1650x2000	3000x2000x2200
Dry Weight (Approx.)	KG.	800	1200	1500	1800	2500	2800	3800

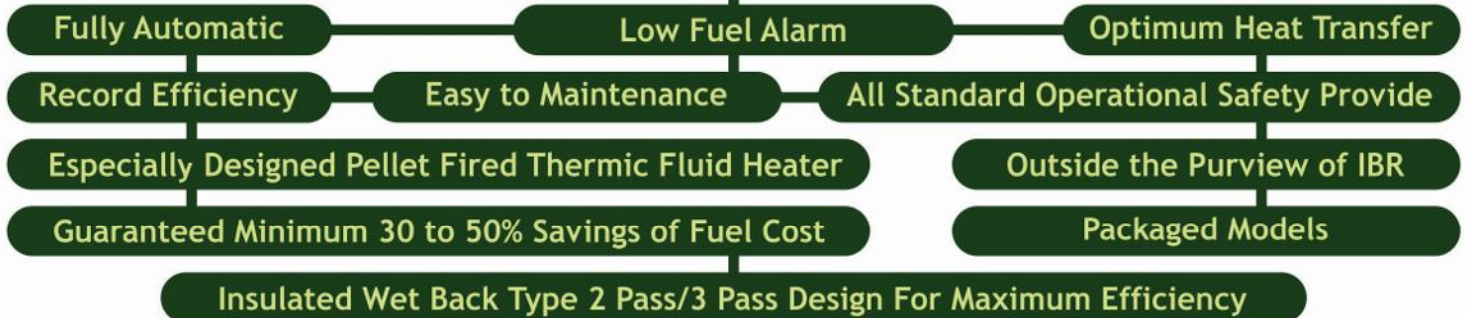
Capacity (kcal/hr): 1 Lacs to 20 Lacs

Thermal Efficiency (%): Gas 95% & Pallet 90%

Max.Oil temp: 220 °C



SILENT FEATURES



TECHNICAL SPECIFICATIONS OF THERMIC FLUID HEAT EXCHANGER

DETAILS	UNIT	JETFH-100	JETFH-200	JETFH-400	JETFH-600	JETFH-800	JETFH-1000
Heat Output	Kcal/Hr	1.00.000	2.00.000	4.00.000	6.00.000	8,00,000	10.00.000
Fuel Consumption							
Pallet	Kg/hr	20	40	80	120	160	200
FO	Kg/hr	10	20	40	60	80	100
Thermic Fluid pump Motor	H.P.	3.0	5.0	7.5	10.0	12.5	20.0
Blower Motor	H.P.	1.0	1.0	2.0	3.0	5.0	7.5
Burner Control	ON-OFF	ON-OFF	ON-OFF	ON-OFF	LOW-HIGH	LOW-HIGH	LOW-HIGH
PLC Control Panel	-	Yes	Yes	Yes	Yes	Yes	Yes
Total Connected Electrical Load	H.P.	4.0	5.0	9.5	13.5	18.0	26.0
Expansion Tank Capacity	Liters	150	150	200	400	400	500
Additional Fuel Storage tank	-	Optional					

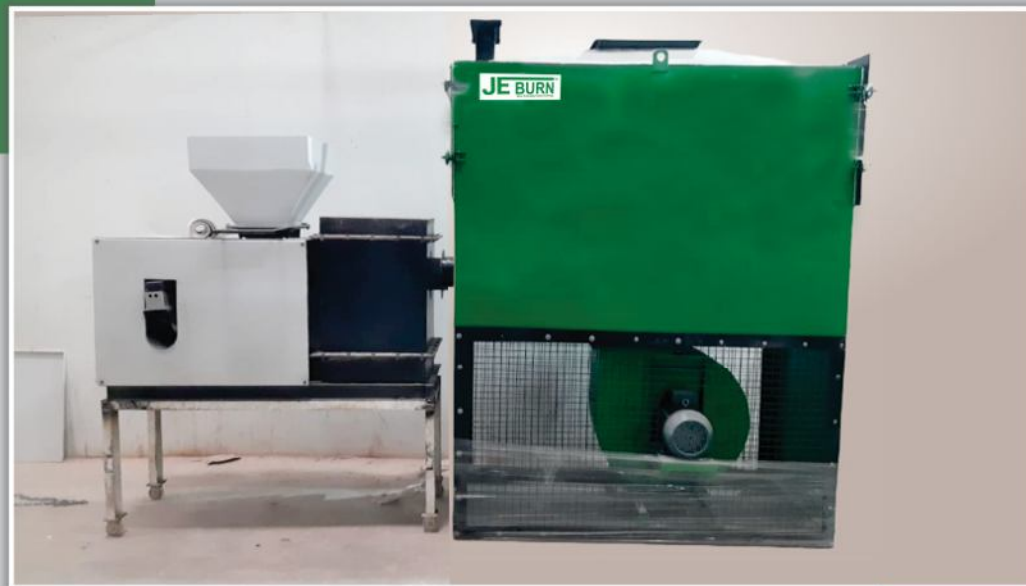
Max. Outlet temp: Upto 300

Thermal Efficiency (%): 90% ±2%

Electrical Supply: 440 Volts 3 Phase, 4 Wire

FUEL FIRING OPTION - PELLET & GAS

CAPACITY AVAILABLE - 1 TO 20 LAC KCAL/HR



SILENT FEATURES

- Fully Automatic System
- Heavy Duty Systems
- Auto temperature control
- User friendly system
- 60% Fuel Saving from Diesel & Gas
- Easy Ash Cleaning Process
- Specially design according biomass pellet
- Use for all Printing / Coating & Drying Process

USES

- Rotogravour, Tape Coating, Paper Coating
- Textile Industries
- Fryums Drying & Papad Drying

TECHNICAL SPECIFICATIONS OF HOT AIR GENERATOR

DETAILS	UNIT	JEAH-100	JEAH-150	JEAH-200	JEAH-300	JEAH-400	JEAH-600
Heat Output Capacity	Kcal/Hr	1,00,000	1,50,000	2,00,000	3,00,000	4,00,000	6,00,000
(1.2 KGM ² Air Density)	M ² /hr (80°C)	7000	10500	14000	21000	28000	35000
	M ² /hr (120°C)	3890	5835	7780	11670	15560	19670
	M ² /hr (150°C)	2920	4380	5840	8760	11680	14580
Max Fuel Consumption							
Pallet	Kg/hr	20	25	45	70	100	150
Gas	Kg/hr	8	10	20	30	40	55
Total Electric Load	Kw	3.75	5.65	7.5	9.5	11.5	15
Air Blower Motor	Kw	5	7.5	10	12.5	15	20
Overall Dimensions	LxWxH	1500x700x2200	1650x800x2200	1700x900x2500	18500x1100x2800	2000x1250x3000	2200x1400x3300
Process Air Flow at STP	mmwc	50-150					

Max. Hot Air Outlet Temp: upto 400 °C

Thermal Efficiency on GCV (%): 87%±2%

Electrical Supply: 440 Volts 3 Phase, 4 Wire

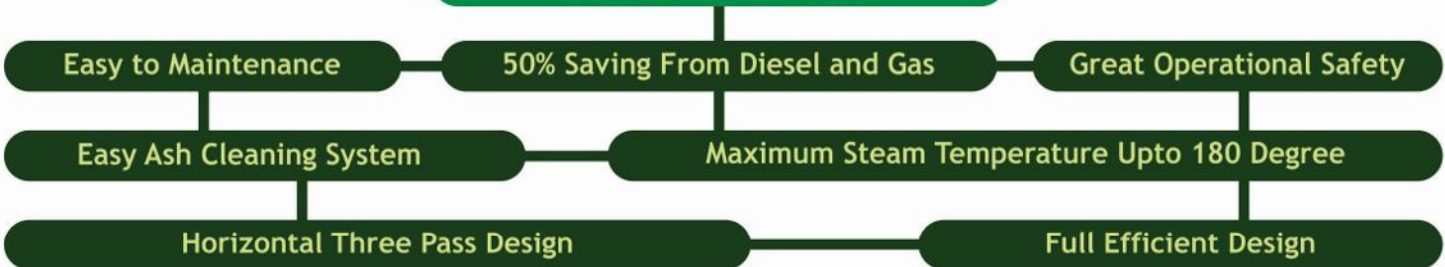
HOT AIR TYPE- DIRECT & INDIRECT

FUEL FIRING OPTION- PELLET & GAS

CAPACITY UPTO 10 LAC KCAL/HR.



SILENT FEATURES



TECHNICAL SPECIFICATIONS OF STEAM BOILER

DETAILS	UNIT	JESG-100	JESG-200	JESG-300	JESG-500	JESG-800	JESG-1000	JESG-2000
Steam Out Put	Kg/Hr	100	200	300	500	800	1000	2000
Burner Control		--ON-OFF ---				High/Low		
Electrical Supply		220 volt, single phase				415 volt, 3 phase		
Thermal Efficiency	%	Gas 95% & Pallet 90%						
Fuel		Pallet, Natural Gas, CNG, Oil						
Fuel Consumption								
Gas (LPG)	Kg/Hr	4	8	12	18	32	50	100
Pallet	Kg/Hr	10	15	30	45	100	125	170
Water Pump Motor	KW	0.75	0.75	1.5	1.50	2.25	2.25	3.25
Total Electrical Load	KW	1	1	1.5	1.50	2.50	2.50	3.50
Overall Dimensions	LxWxH	800x800x100	1000x800x1100	1500x1200x1200	1800x1200x1500	2000x1500x2000	2500x1800x2500	3000x2000x3000
Dry Weight (Approx.)	KG.	400	600	850	1300	1800	2200	3500

Working Pressure: 5-15 (kg/cm2g)

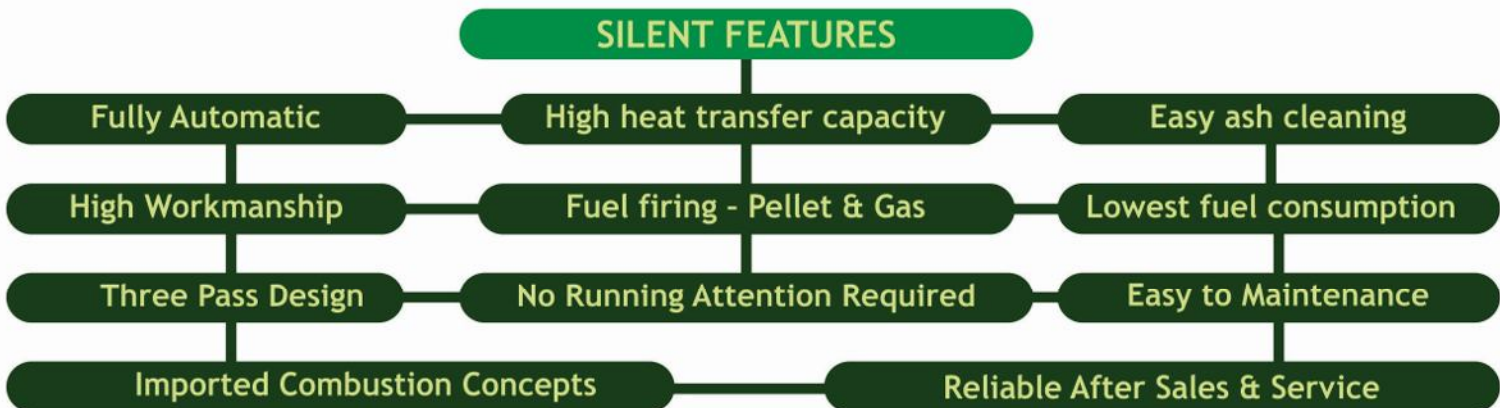
Capacity (kg/hr): 100kg/hr to 5000kg/hr

Max. Steam Pressure: 4-10kg/cm²

HOT WATER GENERATOR



SILENT FEATURES



TECHNICAL SPECIFICATIONS OF HOT WATER GENERATOR

DETAILS	UNIT	JEHW-100	JEHW-200	JEHW-300	JEHW-400	JEHW-600	JEHW-800	JEHW-1000
Heat Out Put	Kcal/Hr	1,00,000	2,00,000	3,00,000	4,00,000	6,00,000	8,00,000	10,00,000
Burner Control		-----ON-OFF -----			High/Low			
Electrical Supply		220 volt, single phase			440 volt, 3 phase, 4 wire			
Fuel		Pallet, Natural Gas, CNG, Oil						
Fuel Consumption								
Gas (LPG)	Kg/Hr	3.5	14	24	28	40	56	70
Pallet	Kg/Hr	15	30	60	65	100	140	170
Water Pump Motor	KW	2.25	3.75	5.62	7.5	11.25	15.0	18.75
Blower/ Burner Motor	KW	0.37	0.75	1.00	1.5	2.25	3	3.75
Total Electrical Load	KW	1.87	3.75	4.25	6	8.63	12.75	16
Overall Dimensions	LxWxH	1200x800x1000	1500x1000x1200	2200x1200x1500	2400x1350x1500	2500x1500x1800	2800x1650x2000	3000x2000x2200
Dry Weight (Approx.)	KG.	600	800	1300	1600	2000	2500	3500

Capacity (kcal/hr): 50000 to 20,00,000

Thermal Efficiency (%): Gas 95% & Pallet 90%

Max. Outlet temp: Upto 90 °C

COMPACT BURNER



SILENT FEATURES

Specially Design for Bakery Industry

Saving Upto 60% Against any Oil & Gas Fired Burners

Smooth & Smokeless Firing

Automatic Ash Removal System

Automatic Plc Base Control Panel

Light Wight and Compact Design

No Need Refiling Pellet in Burner

Long Lasting and Easy Maintain Design

Manufactured by JSON Energy in India

SAFETIES

Flame Detector to Ensure for Constant Flame

Self- Extinguishing Flexible Hose for Ensure that Prevent Back Fire

Security Alarm and Interlocking Ensure for Proper Operation

Capacity (kcal/hr) : Available upto 6 Lac kcpl/hr

TECHNICAL SPECIFICATIONS OF COMPECT BURNER

Particular	Unit	JECB-50	JECB-150	JECB-300
Capacity	Kcal/hr	50,000	1,00,000	2,00,000
Fuel Feeding Rate	Kg/hr	7-12	8-20	20-48
Power	KW	0.7	0.8	1.00
PLC Control Panel	-	Yes	Yes	Yes
Auto Ash Removal	-	Yes	Yes	Yes
Auto Ignition System	-	Yes	Yes	Yes

Note: We reserve the right to change any specification / design without prior notice.

ALUMINUM MELTING FURNACE



TECHNICAL SPECIFICATIONS OF ALUMINUM MELTING FURNACE

PARTICULAR	UNIT	JEAMF-200	JEAMF-300	JEAMF-500	JEAMF-800
Melting Capacity	kg/h	200	300	500	800
Liquid Alu Capacity	KG	200	300	500	800
Fuel Consumption	KG	15	22	35	60
Power	KW	1.0	1.5	1.5	2.0
Length	MM	1700	1800	2200	2500
Width	MM	1300	1400	1600	1800
Heigh	MM	1300	1500	1500	1700

Fully Automatic

Compact Design

Low Fuel Consumption

Easy Installation & Maintenance

Smooth & Smokeless Firing

Customer Support & Service 24x7 & also available Sale, Service, Spares & Amc

**JSON
ENERGY**

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