

ESB-R HARIT-JUMBO27



27" SMOKELESS BIOMASS STOVE/BHATTI

खर्चा आधा, काम ज्यादा!

ENERSOL BIOPOWER PVT. LTD.

Enersol Biopower® a company established in 2013 has attained an enviable reputation in the market for manufacturing, supplying and distributing a range of biomass to energy products.

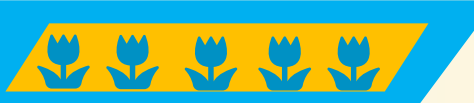
The consistent increase in LPG prices has significantly impacted the confectionery industry in recent years. Biomass stoves emerge as a favourable alternative to LPG stoves due to their dual advantages of being both environmentally friendly and cost-effective.

Our Harit-Jumbo27 Biomass Stove is specifically tailored for the confectionery industry, providing heat levels comparable to LPG stoves while also achieving over 60% savings in production costs.



A STEP TOWARDS GREEN ENERGY





KEY FEATURES OF ESB-R HARIT-JUMBO27

ESB-R Harit Jumbo27 biomass stove has some unique features that make it more advantageous than other available biomass stoves in the market. They are as follows:

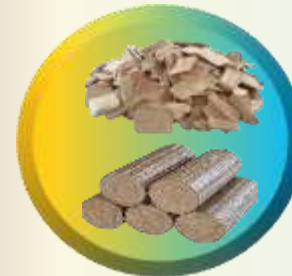
- ✓ It is more efficient than traditional chulha.
- ✓ It is a reliable, rugged, and compact system.
- ✓ It has low maintenance requirements and is easy to operate.
- ✓ Accessible to both urban and rural populations.
- ✓ It reduces the use of fossil fuels.
- ✓ It promotes sustainable fuel usage by efficiently utilizing biomass materials such as agricultural residues, wood pellets, or crop wastes, thereby reducing the demand for traditional fuel sources and mitigating deforestation pressures.
- ✓ As it comes with enclosed combustion chambers or temperature control mechanisms, it reduces the risk of accidental fires or burns.
- ✓ An eco-friendly product with low emission & no soot.



**60% more cost-effective
than LPG gas stoves.**

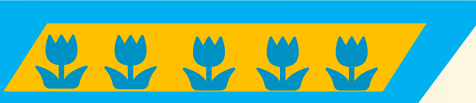


**Return on investment
in 2 months.**



**Wood waste, cow dung
cakes, coal, or briquettes
can be used**





TECHNICAL SPECIFICATIONS

Sr. No.	Particulars	Details
1.	Make	Enersol Biopower®
2.	Fuel Mode	100% Biomass
3.	Stove Type	Force-draft
4.	Feeding Mode	Manual
5.	Feeding System	Side Feeding
6.	Material	Mild Steel & Ceramic Bricks
7.	Biomass Consumption	35-80kg/hr.
8.	Thermal Output	87500-200000Kcal/hr.
9.	Accepted Moisture in Fuel	Less than 20%
10.	Ash Removal Mode	Manual
11.	Flame Regulator	Provided to adjust the flame
12.	Thermal Efficiency	35.5%

Model No.
ESB-R/HJ27

Power Required
**165W x 2
Blowers**

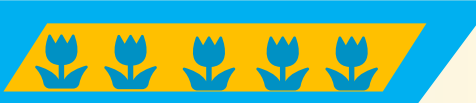
Stove
Dimension
H28" x W40"

Model Name
Harit-Jumbo27

Bhatti Fire Zone
27" fire zone

Stove Weight
400kg Approx.





RETURN ON INVESTMENT (ROI)

Sr. No.	Particular	Details
1.	LPG commercial cylinder cost	Rs.1819/-
2.	1kg LPG is equal to	5kg wood chips
3.	Biomass wood chips to replace one LPG commercial Cylinder	95kg (5 x 19)
4.	Total biomass cost to replace 1 LPG cylinder	Rs.665 (95 x 7) (considering wood cost Rs.7/kg)
5.	Saving per LPG cylinder	Rs.1,154/- (1819-665)
6.	If LPG consumption per day is one commercial cylinder then per day saving	Rs.1,154/-
7.	Per month saving	Rs.34,620/- (1,154 x 30)
8.	Yearly saving	Rs.4,15,440/- (34,620 x 12)

**IF REPLACE
ONE CYLINDER
PER DAY**

**SAVE
Rs.34,620/-
PER MONTH**

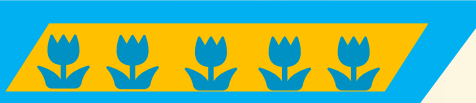
**SAVE
Rs.4.15lakh
PER YEAR**

**1kg
LPG**

=

**5kg
Wood**





APPLICATIONS



Prasad at Temple



At Mess & Canteen



To Prepare Langar at
Gurdwara



Sweet Shops



Banana Chips
Manufacturers



Namkeen
Manufacturers



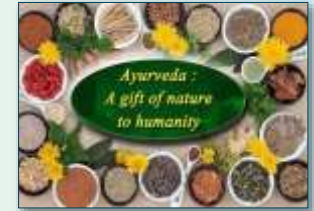
Laddu Manufacturers



Paneer (Chhena)
Manufacturers



Bundi-dana
Manufacturers



Ayurvedic Medicine
Manufacturers

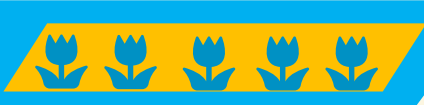


Fabric Dye Shops



At Hotel, Dhaba
& Restaurant





ESB-R HARIT-JUMBO27 PICTURES



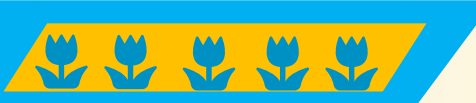


OUR PRODUCTS ON YOUTUBE

- ✓ https://www.youtube.com/shorts/YdZkz_QbkLU
 - ✓ <https://www.youtube.com/watch?v=LKDlbvXdHyM>
 - ✓ <https://www.youtube.com/watch?v=PfQVa7wNUBU&t=33s>
 - ✓ <https://www.youtube.com/watch?v=RjHPXigdAa8>
 - ✓ <https://www.youtube.com/watch?v=7MVHph7NfkY&t=116s>
 - ✓ <https://www.youtube.com/watch?v=LKDlbvXdHyM>
- ✓ <https://www.youtube.com/watch?v=5zYZ5I5zBfc>
 - ✓ <https://www.youtube.com/watch?v=0AhISC5Dw00>
 - ✓ https://www.youtube.com/watch?v=mkyeqDBI_2Y
 - ✓ <https://www.youtube.com/watch?v=W9HXk2M-Mgw>
 - ✓ <https://www.youtube.com/watch?v=l8NuflvOH4k>
 - ✓ <https://www.youtube.com/watch?v=Rp17MmDRilQ>

- ✓ <https://www.youtube.com/watch?v=7MVHph7NfkY>
 - ✓ <https://www.youtube.com/watch?v=hoFHYYMAstY>
 - ✓ <https://www.youtube.com/watch?v=-XmU5L6lytM>
 - ✓ https://www.youtube.com/watch?v=-dsKwNdd_IY
 - ✓ <https://www.youtube.com/watch?v=vY73UXW6aIM>
 - ✓ <https://www.youtube.com/watch?v=IAGaO9LRVOY&t=100s>
- ✓ <https://www.youtube.com/watch?v=FYPajsGRrrw>
 - ✓ <https://www.youtube.com/watch?v=6cYUyY25OXE>
 - ✓ <https://www.youtube.com/watch?v=qPXbaBs1cgU>
 - ✓ <https://www.youtube.com/watch?v=qT4slGGJEfl>
 - ✓ <https://www.youtube.com/shorts/JL5d8YCauic>
 - ✓ <https://www.youtube.com/watch?v=qJa4ePv7ggc>

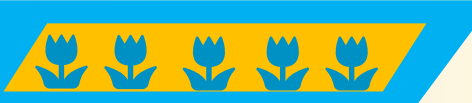




OUR PRESTIGIOUS PARTNERS

- ✓ Ashapura Mava Bhandar, Deesa, Gujarat.
- ✓ Dev Bhumi Udyog, Mandi, Himachal Pradesh.
- ✓ Model Dairy Pvt Ltd, Nidamanuru, Vijaywada.
- ✓ Purohit Namkin, Kalol, Gandhinagar.
- ✓ Unibro Martech Pvt Ltd, Uttomapur, Dist - Cuttock, Odissa.
- ✓ Maruti Traders & Hot Chips, Nellore.
- ✓ Madhav Mart, Shahdol, Madhya Pradesh.
- ✓ Jay Narayan Agro Foods, Maharashtra.
- ✓ Dilip Singh, Sikar, Rajasthan.
- ✓ Shri Jodhpur Sweet Home And Restaurant, Jhunjhunu, Rajasthan.
- ✓ Shyam Food Products, Mau, Uattar Pradesh

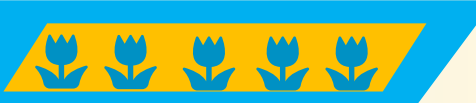




OUR PRODUCTS SOLD IN INDIA

- ✓ Jammu & Kashmir
- ✓ Himachal Pradesh
- ✓ Chandigarh
- ✓ Punjab
- ✓ Uttarakhand
- ✓ Haryana
- ✓ Delhi
- ✓ Rajasthan
- ✓ Uttar Pradesh
- ✓ Gujarat
- ✓ Madhya Pradesh
- ✓ Chhattisgarh
- ✓ Maharashtra
- ✓ Telangana
- ✓ Pondicherry
- ✓ Tamil Nadu
- ✓ Kerala
- ✓ Jharkhand
- ✓ West Bengal
- ✓ Sikkim
- ✓ Meghalaya
- ✓ Assam
- ✓ Bihar
- ✓ Arunachal Pradesh
- ✓ Orissa
- ✓ Goa
- ✓ Karnataka
- ✓ Andhra Pradesh





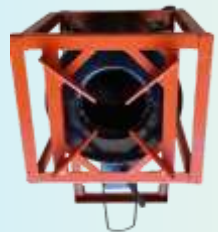
ESB-R BIOMASS STOVE RANGE



**ESB-R
Bio-Nature**



**ESB-R
Bio-Mini**



**ESB-R
Green-Agnika10**



**ESB-R
Harit-Agni12**



**ESB-R
Harit-Agni12B**



**ESB-R
Bio-Akash21**



**ESB-R
Green-Magic15**



**ESB-R
Bio-Prithvi24**



**ESB-R
Bio-Virat18**



**ESB-R
Jumbo-Shakti36**





OUR PRODUCTS



**Automaking Roti
Making Machine**



**Biomass based
Automatic
Mawa-Machine**



**Portable Biomass
Gasifier**



**Roti Maker
Biomass Stove**



**Biomass
Torrefaction Plant
(Charcoal Plant)**



**Used Oil
Recycling Plant**



**Multi-Purpose
Food Processing
Machine**



Biogas Generator

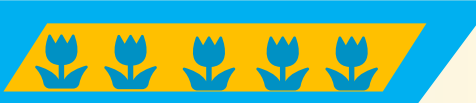


**Wood Cutter /
Biomass Shredder**



**Biomass
Briquette
Pellet Machine**





AWARDS

- ✓ Fifth National Grassroots Innovation Award, 2009.
- ✓ Innovation Scholars In-residence Program At President House.
- ✓ Indian Merchant Chamber (IMC) – Inclusive Innovation Award, 2012.
- ✓ Certificate of Appreciation As “Farmer Scientist” By Rajasthan University of Veterinary & Animal Sciences, Bikaner, Rajasthan.
- ✓ Certificate of “Farmer Scientist” By Pacific University, Udaipur, Rajasthan.
- ✓ Certificate From Department of Science & Technology At National Science Day, Jaipur, Rajasthan.
- ✓ Business Expo Kota 2023, Kota, Rajasthan.

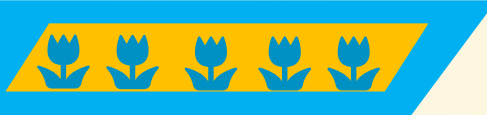




EXHIBITIONS

- ✓ Exhibition of Innovations, President House, 2010
- ✓ Inauguration of ESB-R Biomass gasifier by former chief minister of Meghalaya, 2013
- ✓ Third international conference on creativity & innovations at grassroots at Indian institute of management (IIM), Ahmedabad, 2015
- ✓ Exhibition of innovations, President House, 2015
- ✓ India International Science Festival (IISF), New Delhi, 2016.
- ✓ India International Trade Fair (IITF), New Delhi, 2016.
- ✓ Mega Science & Technology and Industry Expo, New Delhi, 2017
- ✓ Bollywood movie Padman promotion, 2018.





CONNECT US

 YouTube

<https://www.youtube.com/@enersolbiopower-biomassgas3987>


indiamart

<https://www.indiamart.com/enersol-biopower-jaipur/profile.html>



<https://twitter.com/EnersolBiopower>

LinkedIn

<https://www.linkedin.com/company/enersol-biopower-pvt-ltd>


Instagram

<https://www.instagram.com/enersolbiopower/>



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