

## **ESB-R HARIT-AGNI12B**



**12" SMOKELESS BIOMASS  
STOVE/BHATTI WITH BLOWER**

## **ABOUT US**

- ❖ 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 ESB-R Harit-Agni12B is a 12-inch smokeless biomass stove equipped with a blower, ideal for small-scale confectionery businesses such as tea/coffee stalls, samosa/kachori stalls, or small PG houses. Constructed from durable mild steel (MS), this stove ensures a long lifespan.
- ❖ With its adjustable flame feature and efficient design, it offers convenience and versatility for various cooking needs."



**A STEP TOWARDS GREEN ENERGY**

## **KEY FEATURES OF ESB-R HARIT-AGNI12B**

ESB-R Harit-Agni12B 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

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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	Top Feeding
6.	Made of	Mild Steel
7.	Accepted Moisture in Fuel	Less than 20%
8.	Ash Removal Mode	Manual
9.	Flame Regulator	Provided to adjust the flame
10.	Thermal Efficiency	35.5%



Model Name  
**Harit-Agni12B**

Model No.  
**ESB-R/HA12B**

Stove Type  
**Forced-Draft**

Stove Fire Zone  
**12" fire zone**

Biomass Consumption  
**8-12kg/hr.**

Power Required  
**100Watt Blower**

Dimension  
**H22" x W18"**

Weight  
**72kg Approx.**

## APPLICATIONS



**At Poha Stalls**



**Daal-Bati-Churma  
makers**



**At Tea & Coffee Stall**



**Prepare Food for  
50-60 People**



**At Samosa Stall**



**At Hotel & Dhaba**



**At Mess & Canteen**



**At Pakora &  
Snack shops**



**At Kachori Stall**



**At Street Food Stalls**

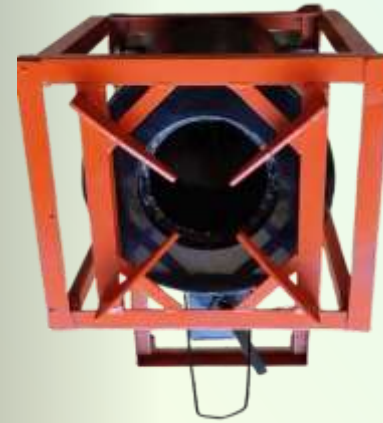


**At Idli-Dosa Stalls**



**At Chhole-  
Kulcha Stall**

**ESB-R HARIT-AGNI12B  
PICTURES**



## CONNECT US ON YOUTUBE

- ✓ [https://www.youtube.com/shorts/YdZkz\\_QbkLU](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=5zYZ5l5zBfc>
- ✓ <https://www.youtube.com/watch?v=0AhISC5Dw00>
- ✓ [https://www.youtube.com/watch?v=mkyeqDBI\\_2Y](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=-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/JL5d8YCauc>
- ✓ <https://www.youtube.com/watch?v=qJa4ePv7ggc>

## OUR PRESTIGIOUS PARTNERS

- ✓ Anushka Products And Marketing, Nashik.
- ✓ Mr. Kanhiyalal, Telangana.
- ✓ Mr. Balwant Singh, Jhunjhunu, Rajasthan.
- ✓ Shree Dadudyal Sweets, Jaipur Rajasthan.
- ✓ Mr. Ashok Kumar Sharma, Bundi, Rajasthan.
- ✓ Mr. Shukracharay Rajendra, Kolhapur, Maharashtra.
- ✓ Dhodha House, Kotkapura, Punjab.
- ✓ Shree Jain Misthan Bhandar, Guna, Madhya Pradesh.
- ✓ Jodhpur Sweet Home & Bakers, Jaipur, Rajasthan.
- ✓ Harish Beniwal, Nanded, Maharashtra.
- ✓ Dimpal Sweet House, Haryana.



## OUR PRESTIGIOUS PARTNERS



## 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





**BIOMASS STOVE RANGE**

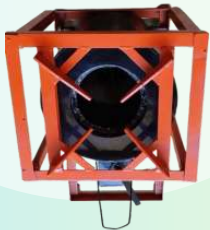
**ESB-R BIOMASS STOVE RANGE**



**ESB-R  
Bio-Nature**



**ESB-R  
Bio-Mini**



**ESB-R  
Green-Agnika10**



**ESB-R  
Harit-Agni12**



**ESB-R  
Green-Magic15**



**ESB-R  
Bio-Prithvi24**



**ESB-R  
Bio-Virat18**



**ESB-R  
Harit-Jumbo27**



**ESB-R  
Bio-Akash21**



**ESB-R  
Jumbo-Shakti36**

## **OUR PRODUCTS**



**Automaking Roti Making Machine**



**Biomass based Automatic Mawa-Machine**



**Portable Biomass Gasifier**



**Roti Maker Biomass Stove**



**Biogas Generator**



**Used Oil Recycling Plant**



**Multi-Purpose Food Processing Machine**



**Biomass Torrefaction Plant (Charcoal Plant)**



**Wood Cutter / Biomass Shredder**



**Biomass Briquette Pellet Machine**

## **OUR PRODUCTS**

## AWARDS

### 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

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- ✓ 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



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



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



<https://twitter.com/EnersolBiopower>



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



Instagram

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

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