



VIRTUAL WHITE FLAME PVT. LTD.

"TURNING ORGANIC WASTE INTO CLEAN ENERGY SOLUTIONS."

www.virtualwhiteflame.com





INTRODUCTION

ABOUT COMPANY

Virtual white flame is a leading in biomass briquettes/Biomass Pellets manufacturer & supplier covering major regions of India. The company is established in Year 2013 by the name of Seva Bio Briquettes with the dynamics of mixed management. Considering the market demand for Briquette & to improve customer service, established Virtual White Flame Pvt Ltd in the Year 2017.

Virtual White Flame Private Limited is a leading manufacturer specializing in the production of biomass briquettes and biomass pellets. Our company is dedicated to providing sustainable energy solutions by utilizing renewable resources and reducing carbon emissions. With a strong focus on quality, innovation, and customer satisfaction, we aim to contribute to the global transition towards cleaner and greener energy alternatives.

At Virtual White Flame Private Limited, we recognize the pressing demand for renewable energy sources to combat climate change and promote sustainable development. As a prominent manufacturer in the biomass industry, we are dedicated to producing high-quality biomass briquettes and biomass pellets to supplant traditional fossil fuels. By leveraging biomass, we provide efficient and eco-friendly energy solutions for a variety of applications.

Virtual White Flame Private Limited is a trusted manufacturer of biomass briquettes and biomass pellets, providing sustainable energy solutions for diverse industries and applications. With our steadfast commitment to quality, innovation, and environmental responsibility, we aim to pave the way for a cleaner and greener future. Partner with us to embrace renewable energy and make a positive impact on the world. For more information, product inquiries, or business collaborations, please reach out to us using the contact information provided.



MISSION:

Our aim to deliver superior quality by producing high-grade biomass fuel. Our mission extends beyond mere production; we aspire to empower rural communities through the utilization of social technology, fostering economic empowerment and inclusivity.

Furthermore, we are committed to maintaining environmental equilibrium by employing eco-friendly practices in biomass fuel production. We recognize the importance of equitable distribution of benefits, and therefore, strive to provide fair monetary compensation to all our stakeholders.

VISION:

Our vision is to emerge as a leading force in the green energy generation sector, leveraging all available resources to their fullest potential. We are committed to nurturing strong partnerships with our stakeholders, empowering them socially and technologically, as we collectively strive towards a sustainable.

TYPES OF RAW MATERIALS:



BAGASSE



TAMARIND SHELL



SAWDUST



COTTON STICKS



WOOD CHIPS



SOY ABEAN HUSK



GROUND
NUR SHELL



CASHEW NUT
SHELL



PALM KERNEL
SHELL IMAGES



CORN COBS



PRESS MUD



COFFEE HUSK



OUR PRODUCTS :



Briquettes

PRODUCT SPECIFICATION:

Sr. No	Material (Briquettes)	GCV in KJ/Kg	Ash in %	Moiture In %
1	100 % Soybean	3400 to 3600	10 to 12	10 to 12
2	100% GNS	3800 to 4000	10 to 12	10 to 12
3	SD + GNS	3700 to 3900	10 to 12	10 to 12
4	Bagas + sd + woodchip	3600 to 3800	10 to 12	10 to 12
5	Soybean + Turre + Chana	3400 to 3700	10 to 12	10 to 12
6	Bagad + Pressmud	3400 to 3600	10 to 12	10 to 12



Pellets



Loose Wood Chips

Sr. No	Material (Pellet)	GCV in KJ/Kg	Ash in %	Moiture In %
1	Sawdust	4000 to 4200	8 to 10	8 to 10
2	GNS	4000 to 4200	8 to 10	8 to 10
3	Agrowaste	3400 to 3700	8 to 10	8 to 10



OUR 15TH BIOMASS BRIQUETTES & PELLETS MANUFACTURING PLANTS



OUR SERVICES



BIOMASS SUPPLY CHAIN

The biomass supply chain typically commences with the collection of feedstock, which can include agricultural residues, forestry waste, and organic municipal waste gathered from various sources. Following collection, this biomass is transported to processing facilities, where it undergoes conversion into biofuels, biogas, or bioproducts. Various technologies such as anaerobic digestion, pyrolysis, or fermentation are employed in this conversion process.



PELLETS MACHINE



BRIQUETTES MACHINE

BIOMASS BRIQUETTER & PELLETS MANUFACTURING

The briquetting and pelleting manufacturing process involves the conversion of agricultural waste and agro-industrial waste into uniformly shaped briquettes or pellets. These briquettes/pellets are designed to be easy to use, transport, and store for extended periods of time.



BUILD-OWN-OPERATE & TRANSFER FOR BOILER & CO- GENERATION PLANT

•Introducing our Build-Own- Operate and Transfer Model, where projects such as Boiler-based, Co-Generation, Bio-CNG, Bio-CBG, etc., are seamlessly installed and operated by Virtual White Flame over a long-term contract spanning 4 to 5 years or more. Under this model, the client benefits from savings on capital investments for boilers and accessories.



OPERATION & MAINTENANCE




The Operations and Maintenance projects cater to industries such as Boiler-based, Co-Generation, Bio-CNG, Bio- CBG, All services are executed by qualified and trained employees or subcontractors of VWFPL, ensuring compliance with all applicable norms and regulations while maintaining competency in carrying out assigned tasks.

WHAT DIFFERENT SERVICES DO WE DO PROVIDE ?


We offer consultation services for start-up plant setup. Our primary focus is to educate start-up teams by providing valuable insights and expert advice to ensure their successful establishment. Additionally, we support with legal procedures such as licensing, subsidies, and certifications.

We also provide guidance on manufacturing processes, ensuring efficiency and effectiveness. Our organization ensures that every entity in our partnership experiences a growing sales graph. We assist in branding and provide strategic consultancy for sales growth, marketing techniques, and brand establishment planning.

WHAT CHOOSE US

-  We have been working in the biomass sector from the last 12 years.
-  We are manufacturing all type of briquettes and pellets at our own Manufacturing company. Also our own total 15 Manufacturing companies was installed at various location.
-  We implemented new innovative ideas for raw material collection and manufacturing unit.
-  Our aim is to be give biomass briquettes & pellets availability at minimum price than market rate as well as good quality.

WHAT WE DO?

-  We ensure the timely availability of biomass fuel to our customers, meeting their requirements and adhering to scheduled delivery times.
-  Our commitment extends to supplying customers with high-quality materials at competitive prices, ensuring their satisfaction with every transaction.
-  In addition to material provision, we offer comprehensive technical guidance to customers, equipping them with the necessary knowledge and systems to efficiently operate boilers and related equipment.
-  Our energy solutions prioritize efficiency and sustainability, harnessing the power of renewable resources to meet both environmental and operational needs.
-  We provide comprehensive service, including ash disposal, ensuring that our customers experience a seamless and hassle-free process from start to finish.
-  Customers have access to a wide range of materials, all produced and sourced from our facilities. Additionally, our extensive network allows us to fulfill orders from multiple locations, ensuring consistent supply and flexibility to meet varying demands.

OUR CUSTOMERS



THANK YOU

FOR ATTENTION

 **AnantaZirpe**
Director

 **SachinJawale**
Director

 **BalramPayghan**
Director

 **Sales@virtualwhiteflame.com**
Opration.virtualwhiteflame@gmail.com

 **Mr.NitinUshir(Sales&MarketingManeger)**
 **+919209695919/+917821910054 0241-**
 **3551997**

● **FlatNo.2,PlotNo.1,Pushkar**
Apartment,Savedi,Pipeline
Road,Ahmednagar414003

● **C/OVaibhaviPlusPharmaShopNo.08,**
Gangaaltus,NearManipalHospital,
Kharadi,Pune411004

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