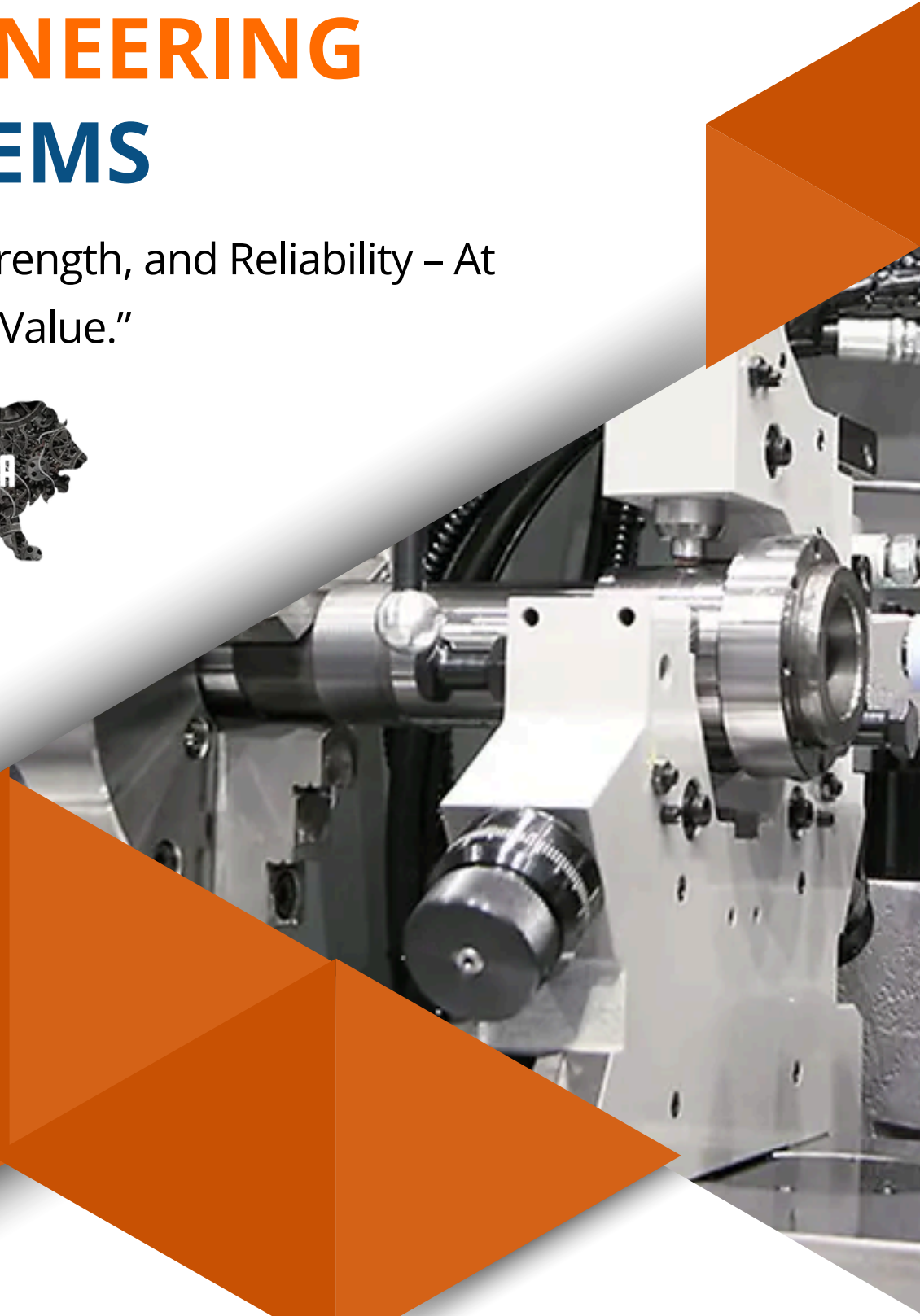




# KRISHNA ENGINEERING SYSTEMS

"Quality, Strength, and Reliability – At  
a Cost You Value."



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# > Company Introduction

Since its establishment in 2011, Krishna Engineering Systems has been recognized as a prominent organization offering a wide range of high-quality products in the market. Headquartered in Bengaluru, Karnataka (India), we operate as a Sole Proprietorship firm dedicated to delivering engineering solutions that combine quality, efficiency, and reliability.

Our cost-effective products are highly appreciated for their fine quality, superior finishing, optimum functionality, high strength, and durability. Our product portfolio includes Trommel Screens, Solid Waste Management, Shredder Machine, Waste Grinder Machine, Compost Screening Machine, Sand Screening Machine, Coconut Husk Shredder, Hammer Mill Pulverizer Machine Shredder and many more equipment designed to meet diverse industrial needs.

At Krishna Engineering Systems, we aim to maintain a healthy, safe, and long-lasting relationship with our customers, which is reflected in their continued trust and satisfaction. Our skilled and experienced professionals conduct thorough market research and adhere to strict industry standards to manufacture products that meet global benchmarks.

# > Mission & Vision

At Krishna Engineering Systems, our mission is to design and deliver innovative, durable, and cost-effective machinery solutions that help industries achieve higher productivity, reliability, and efficiency. We are dedicated to maintaining uncompromised standards of quality, safety, and customer service, ensuring long-term value for every client we serve.



## Our Mission

To deliver innovative, durable, and cost-effective machinery solutions that enhance productivity, ensure reliability, and create long-term value for our customers while upholding the highest standards of quality and service.



## Our Vision

To be a leading engineering solutions provider recognized globally for excellence, innovation, and customer trust, contributing to sustainable industrial growth.



# SOLID WASTE MANAGEMENT

1. Municipal Solid Waste Separation Machine
2. Solid Waste Equipment
3. Material Recovery Facility Plant

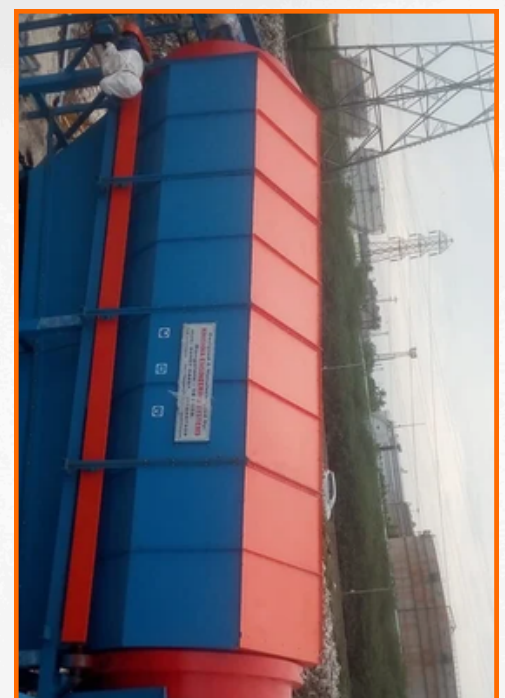
# Municipal Solid Waste Separation Machine

The Municipal Solid Waste Separation Machine is designed for efficient segregation of mixed household and commercial waste. It separates organic matter, recyclables, plastics, metals, and inert fractions with high accuracy, reducing landfill burden and maximizing resource recovery. Built with a robust structure and advanced screening system, it ensures durability, low maintenance, and consistent performance. This machine supports large-scale waste management operations, reduces manual labor, and promotes eco-friendly recycling.



# Solid Waste Equipment

The Solid Waste Equipment is built to handle, process, and manage municipal and industrial waste efficiently. It performs key operations like segregation, shredding, screening, and compacting, ensuring maximum recovery of recyclables and reduced landfill usage. With durable construction and advanced automation, it delivers reliable performance, low maintenance, and high throughput. This equipment minimizes manual handling, saves time, and supports eco-friendly waste disposal. An ideal choice for municipalities, recycling plants, and industries focused on sustainable and cost-effective waste management solutions.



# Material Recovery Facility Plant

A Material Recovery Facility (MRF) plant efficiently processes mixed solid waste to recover recyclable materials like plastics, metals, paper, and glass. It utilizes advanced screening, shredding, magnetic separation, air classification, and optical sorting technologies for high recovery rates. Designed for large-scale waste management, it minimizes landfill burden, conserves resources, and supports circular economy goals. With robust automation, low maintenance, and eco-friendly operations, MRF plants ensure sustainable waste processing, reduced carbon footprint, and compliance with environmental standards.





## TROMMEL SCREENS

1. Trommel Screening Machine
2. 20 TPD Municipal Solid Waste Sorting Machine Screens
3. Legacy Waste Biomining Screen
4. Automatic Trommel Screen
5. Solid Waste Management Machinery
6. 25 Ton/Hr Municipal Solid Waste Sorting Machine Screens

# 20 TPD Municipal Solid Waste Sorting Machine Screens

The 20 TPD Municipal Solid Waste Sorting Machine with advanced screening technology efficiently separates biodegradable, recyclable, and inert waste. Its robust design and high-performance screens ensure precise segregation of plastics, metals, paper, glass, and organic matter. Designed for 20 tons per day capacity, it enhances recycling, reduces landfill load, and supports sustainable waste management. The machine offers low energy consumption, minimal maintenance, and user-friendly operation.

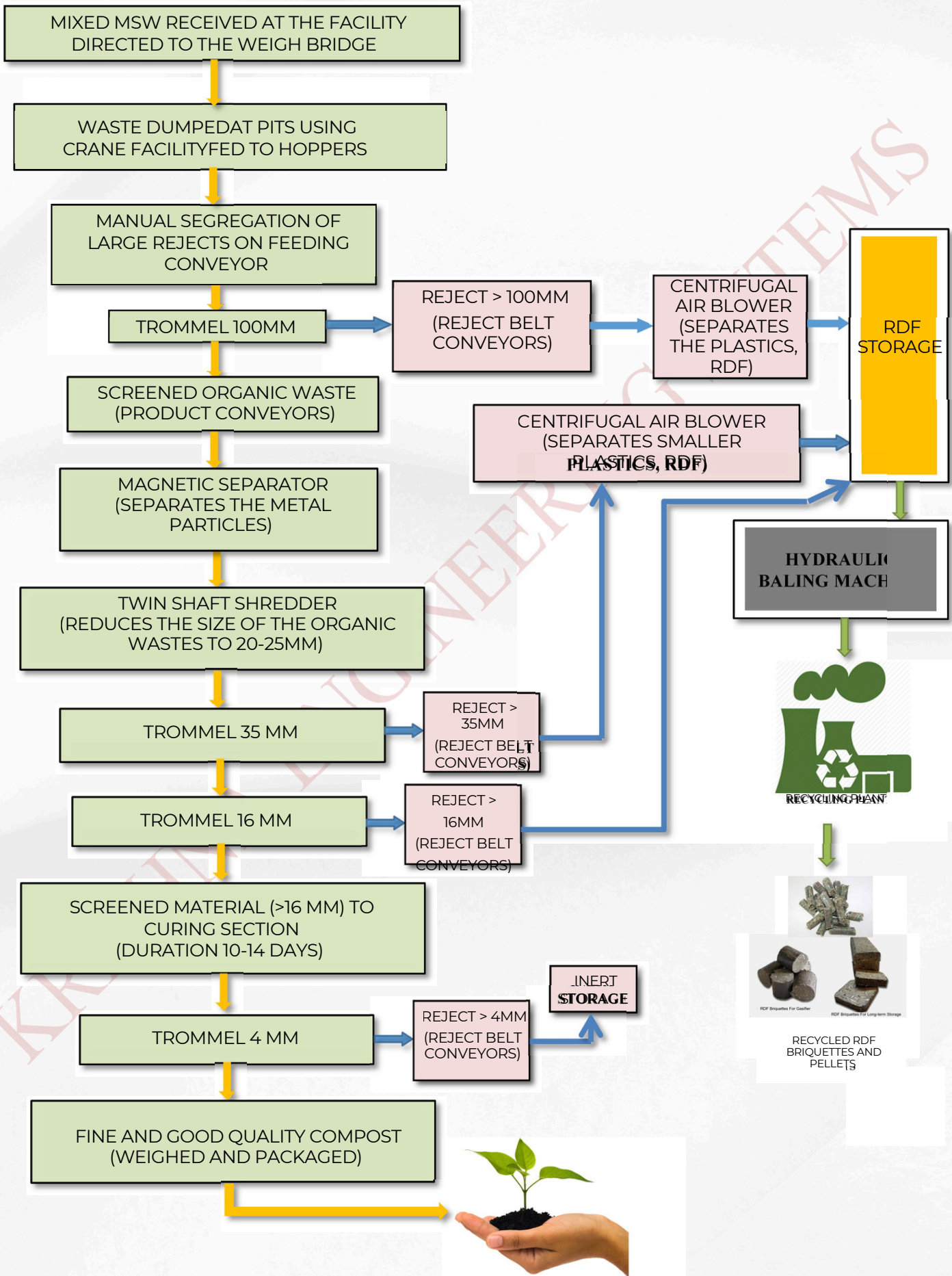


# Legacy Waste Biomining Screen

The Legacy Waste Biomining Screen is specially engineered for efficient waste segregation and processing at landfill sites. It helps recover valuable resources by screening and separating soil, plastics, metals, and recyclables from old accumulated waste. Designed with robust construction, the screen ensures high durability, minimal clogging, and consistent performance under tough working conditions. Its advanced screening mechanism supports faster processing, reduced manual labor, and improved landfill reclamation. This eco-friendly solution enables sustainable waste management, promoting recycling, soil recovery, and reduced environmental impact.



# □ FLOW CYCLE FOR FRESH WASTE PROCESSING



# Automatic Trommel Screen

The Automatic Trommel Screen is designed for reliable and efficient waste screening in municipal solid waste management, recycling plants, and compost processing. Its rotating drum separates materials by size, ensuring accurate segregation of organic waste, plastics, metals, and inert fractions. The automatic operation reduces manual intervention, saving time and labor while maintaining consistent performance. Built with heavy-duty materials, it offers long service life, minimal maintenance, and high throughput. Its user-friendly design, energy efficiency, and adaptability make it an ideal choice for large-scale waste handling operations.



# Solid Waste Management Machinery

The Solid Waste Management Machinery is a comprehensive solution for handling, processing, and recycling municipal solid waste efficiently. Designed with advanced technology, it performs waste segregation, shredding, screening, and composting, ensuring maximum resource recovery and minimal landfill burden. Its robust construction guarantees durability, while the automated features reduce manual labor and enhance productivity. The machinery is energy-efficient, easy to operate, and adaptable to different waste compositions. By enabling effective recycling and disposal, it supports sustainable waste management practices, reduces environmental pollution, and promotes cleaner, healthier urban living.



# 25 Ton/Hr Municipal Solid Waste Sorting Machine

The 25 Ton/Hr Municipal Solid Waste Sorting Machine Screens are built for high-capacity waste processing and resource recovery. With a handling capacity of 25 tons per hour, this machine efficiently separates mixed municipal waste into recyclables, organic matter, and inert fractions. Its robust screening system ensures accurate segregation, reduced contamination, and enhanced recycling efficiency. Designed with heavy-duty materials, it offers durability, minimal maintenance, and consistent performance under continuous operation. This solution reduces landfill dependency, lowers manual labor, and supports sustainable waste management practices for cleaner and greener environments.





# COMPOST SCREENING MACHINE

1. Compost Screening Machine
2. 50 Ton Press Mud Compost Screening Machine

# Compost Screening Machine

The 500 Kg/Hr Coconut Fiber Extraction Machine is specially designed to extract high-quality coir fiber from coconut husks with efficiency and reliability. Capable of processing up to 500 kilograms per hour, it ensures smooth, continuous operation with consistent fiber output. Built with a strong frame and durable components, it reduces wear and tear while maintaining long service life. Advanced drum and blade mechanisms separate fibers effectively, leaving minimal pith. Easy to operate, energy-efficient, and low on maintenance, this machine supports eco-friendly coir processing and boosts productivity in fiber-based industries.



# 50 Ton Press Mud Compost Screening Machine

The 50 Ton Press Mud Compost Screening Machine is built for high-capacity screening of press mud and organic compost materials. With a robust design and efficient screening system, it separates fine compost from oversized particles with precision. Its heavy-duty construction ensures durability, while energy-efficient operation reduces costs. Easy to maintain and user-friendly, this machine supports large-scale composting plants by delivering consistent output, improved quality, and faster processing for sustainable agricultural applications.





# SAND SCREENING MACHINE

## 1. Rotary Sand Screening Machine

# Rotary Sand Screening Machine

The Rotary Sand Screening Machine is designed for efficient separation and grading of sand in construction and industrial applications. With its rotating drum mechanism, it ensures uniform screening, removing stones, debris, and oversized particles effectively. Built with heavy-duty steel and wear-resistant mesh, it delivers durability and long-lasting performance. Its compact design, easy mobility, and simple operation make it highly user-friendly. The machine offers high screening capacity, consistent output, and reduced labor requirements. Energy-efficient and low maintenance, it ensures clean, quality sand, supporting faster construction work and improved material handling.





## **WASTE GRINDER MACHINE**

1. Crusher For Biogas Plant
2. Organic Waste Grinder Machine
3. Bio Waste Grinding Machine
4. Wet Waste Grinder
5. Bio Waste Shredder And Grinder
6. Napier Grass Grinder For Bio Gas Plant
7. Food Waste Grinding & Crushing Machine
8. Biogas Production Machine

# Crusher For Biogas Plant

The Crusher for Biogas Plant is a robust and efficient machine designed to process organic waste materials into uniform particle sizes, ensuring optimal digestion and enhanced gas production. Built with heavy-duty blades and high-strength steel, it delivers consistent crushing performance for varied feedstock including food waste, agricultural residue, and organic biomass. Its energy-efficient motor reduces operational costs while maintaining durability and reliability. Compact in design, it ensures easy installation, low maintenance, and smooth operation, making it an ideal solution for modern biogas plants.



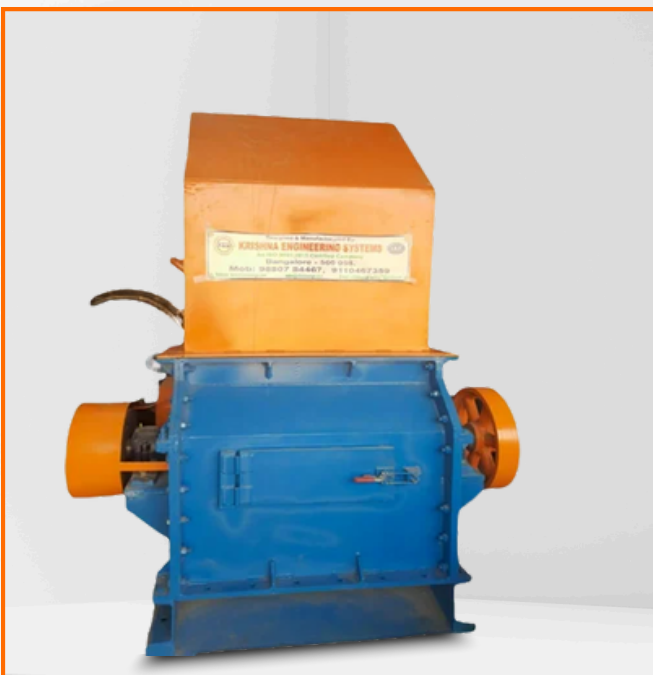
# Bio Waste Grinding Machine

The Bio Waste Grinding Machine is a powerful and eco-friendly solution designed for efficient waste management. It is engineered to process organic waste such as food scraps, vegetable peels, garden waste, and biodegradable materials into fine particles. Equipped with a durable grinding mechanism, it ensures high efficiency and continuous operation with minimal maintenance. Its compact design saves space while offering easy installation and user-friendly operation. Built with robust stainless steel parts, it resists corrosion and ensures long-lasting performance. Ideal for composting units, hotels, canteens, and municipal waste facilities.



# Napier Grass Grinder For Bio Gas Plant

The Napier Grass Grinder and Bio Waste Shredder is specially designed for biogas plants, providing efficient size reduction of Napier grass, organic waste, and biodegradable materials. It grinds and shreds tough fibrous grass, crop residue, and food waste into fine particles, ensuring faster digestion and higher gas yield in biogas production. Equipped with a powerful motor, heavy-duty blades, and corrosion-resistant body, it guarantees durability and long-lasting performance. Its compact, user-friendly design ensures easy installation, low maintenance, and energy efficiency. Ideal for farms, biogas plants, municipalities, and agro-industries.





# SHREDDER MACHINE

1. Medical Waste Shredder
2. Agricultural Shredder Machine
3. Twin Shaft Shredder

# Agricultural Shredder Machine

The Agricultural Shredder Machine is designed to handle crop residues, branches, coconut fronds, banana leaves, and other agricultural waste efficiently. It reduces bulky biomass into fine particles, making it suitable for composting, mulching, and biofuel production. Built with heavy-duty blades and robust construction, it ensures durability, high performance, and minimal maintenance. The machine helps farmers manage waste effectively, reduce field burning, and promote eco-friendly farming practices. Its user-friendly design, energy efficiency, and ability to process large volumes make it an essential tool for sustainable agriculture and waste recycling.



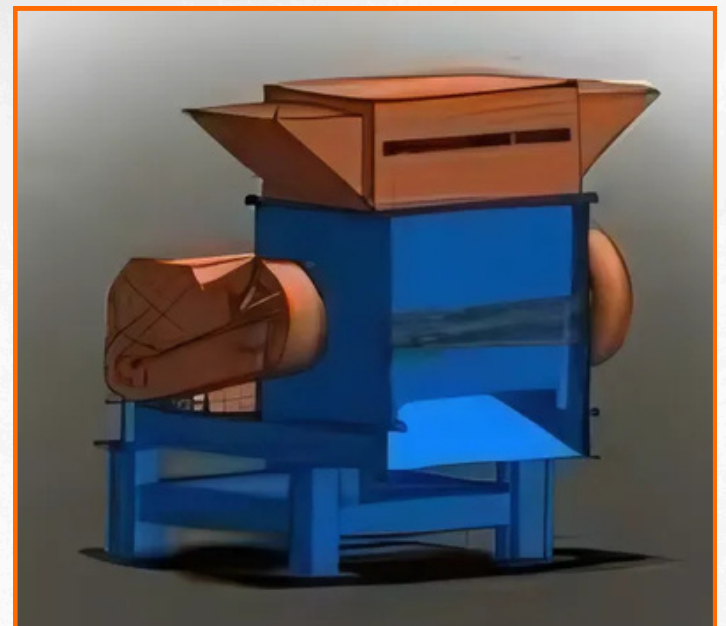
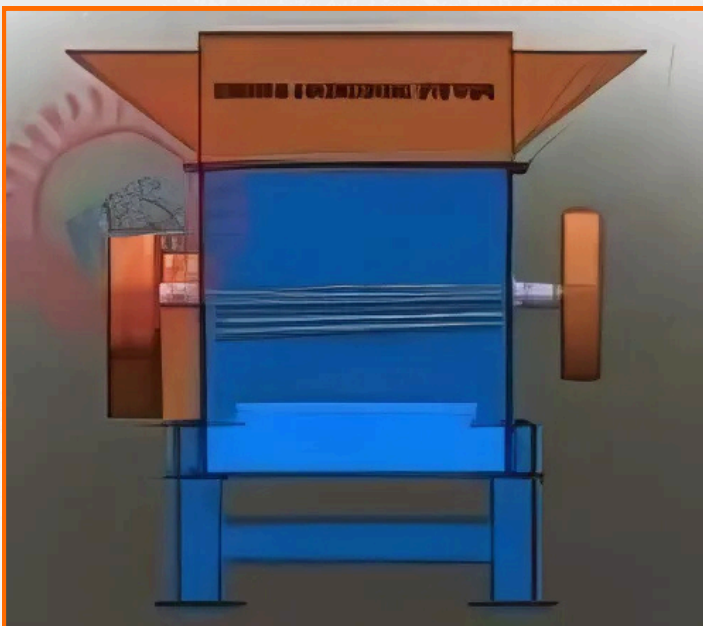
# Twin Shaft Shredder

The Twin Shaft Shredder is a powerful machine engineered for shredding tough and bulky waste materials with ease. Featuring two robust shafts with high-torque, low-speed cutting action, it efficiently handles plastics, metals, e-waste, wood, rubber, and industrial scraps. Its dual-shaft design ensures uniform shredding, reduced noise, and minimal dust generation. Built with durable, wear-resistant blades, the shredder guarantees long service life and consistent performance under heavy-duty operations. With safety features, low maintenance, and high throughput, it provides an ideal solution for recycling facilities, waste processing plants, and industrial applications.



# Coconut Husk Shredder

The Coconut Husk Shredder is a powerful and efficient machine designed to shred coconut husks into fine, usable fibers. Built with heavy-duty blades, it ensures smooth and fast shredding with minimal effort. Its robust steel body guarantees durability, while the compact design makes it easy to operate and maintain. Ideal for farms, coir industries, and composting needs, this shredder reduces labor costs and saves time. Eco-friendly in operation, it converts waste into valuable resources for gardening, mattress filling, and biofuel applications.



# > Certificate



**KVQA** *Certificate of Registration*  
(Quality Management System)  
**KVQA CERTIFICATION SERVICES PVT. LTD.**  
This is to certify that the Quality Management System of



**KRISHNA ENGINEERING SYSTEMS**  
Site No. 33, Survey No, 179, Kempalah Garden, Beside BM  
TC 9th Bus Depot, 4th Phase, Peenya Industrial Area,  
Bangalore, (Urban)—560058, Karnata.

Has been found to be of the Quality Management System Standard  
**ISO 9001:2015**  
Manufacturing of Trommel Screen, Belt, Chain, Screw Conveyors,  
Shredder, Baling Machine, Fiber Extraction Machine,  
Bio Waste Grinder, Chipper & Air Blower


1<sup>st</sup> Surveillance Done On: 29/01/2021  
2<sup>nd</sup> Surveillance Done On: 31/01/2022

Certificate No. **KDACO20200264**  
Date of Issue 12, February 2020  
Valid Until: 11, February, 2023+




Issued by   
Authorized signatory KVQA

पञ्च शर्मा - 2  
Form BG - 2



**भारत सरकार**  
**Government of India**  
**मास्टर ट्रेडमार्क रजिस्ट्रार**  
**Trade Marks Registry**  
रामनगर निकाश भवन, 1999  
**Trade Marks Act, 1999**  
भारत के अविनाशित्व के अधिनियम 26 (2), विनियम 56-1)  
*Certificate of Registration of Trade Mark, Section 23 (2), Rule 56 (1)*

क्रमांक: No. 3446690


पंजीकृत निशान / Trade Mark No. 4464991      तिथि: Date 06/05/2020      अ. संख्या./No.2667

वर्ग: कृषि/कृषि-संबंधी वस्तुएं, कृषि-संबंधी यंत्र, कृषि-संबंधी यंत्र  
के.के.के.के.  
KITSIAKUMAR YI (DAY-NO-23 KEMPAIAH ICARDEN NEAR KTS TH-DEPOT 4TH PHASE 2ND STAGE BENGALURU, KARNATAKA-508093-INDIVIDUAL/Stage 1um


In Class 7      Under No. 4464231      as of the date: 05 March 2020, in expect of  
TROMMEL SCREEN, BELT, CHAINS, SCREW, CONVEYOR, SHREDDER, BALING MACHINE, FIBER EXTRACTION MADDEN  
WASTE CHIPPER, AIR BLOWER MACHINE

**Trade Mark as assessed**

दिनांक: 13<sup>th</sup> day of January, 2023



असा कृषि/कृषि-संबंधी  
Trade Marks Registry MUMBAI



Registrar (Trade Marks)

आवेदनकर्ता को सूचित किया जाता है कि यदि वे अपने आवेदन में कोई भी त्रुटि या त्रुटि को सुधारने के लिए आवश्यक है तो वे आवेदन के अंतर्गत सूचनाएं  
Registrants benefit registered and for 5/10th consecutive (three) year (s) provided the trade mark is not used for 5 years of registration or 5 years of use  
a fee also from registering at India if they are not satisfied with the result of the examination of the Registrar or the Registrar's office  
time, and return to the same person's department  
Motto: "व्यक्तिगतता और विश्वसनीयता" (Individuality and Reliability)  
Note: Upon any change of covering of the assignments or change in layout of the previous part of the form issued by the Registrar (Trade Marks) to register the design.

**Mahindra**  
WASTE TO ENERGY

Mahindra Waste To Energy Solutions Limited.  
Date No. 2, Near Road, Ashanthe East,  
Mumbai - 400151, Tel: +91 22 66483051  
Registered Office: Mahindra Tower,  
G. M. Road, Marol, P. K. Kurni Chowk,  
Borivli, Mumbai - 400018  
CIN: U37200MH2011PTC296622


Date: 23<sup>rd</sup> May 2019

**To whomsoever it may concern**

This is to certify that performance of Trommel screen and belt conveyor system bought from Krishna Engineering Systems is satisfactory and level of satisfaction of the equipment is above average.

We have been using the equipment since a year at Mahindra Waste To Energy Solutions Ltd, Indore plant.

For Mahindra Waste To Energy Solutions Ltd.



Authorized signatory

**CERTIFICATION OF SATISFACTION**

This is to certify that we have been equipped with Trommel screen, Belt conveyors, Twin Shaft Shredder, Organic waste Grinder with screw conveyor and control panel for Municipal solid waste segregation and bio gas conversion. Which are supplied by "KRISHNA ENGINEERING SYSTEMS" No 33 Kempaiah Garden, Near BTS 9th Depot 4th Phase, 2nd Stage Peenya, Bengaluru, Karnataka 560058, India, Working satisfactorily in the dumpsite Gyankoba, Ashanthe region, Kumasi, West Africa, Ghana. Since 22nd of March 2022 to till date. The performance of the above listed machines are upto satisfaction.

**AND IS HEREBY GIVEN THIS CERTIFICATE ORGANIZED BY**

**E & B ENGINEERING SERVICES LTD**

1ST APRIL 2022

Date of certificate

**E & B ENGINEERING SERVICES LTD**  
P. O. BOX KS 18537      ING DR. KWASI OSAFO  
ADUM-KUMASI, GHANA      AMPADU



# > Our Clients



Municipal  
corporations  
in Tamilnadu



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2025

# KRISHNA ENGINEERING SYSTEMS

"Performance You Trust, Value You Deserve."



Visit Our Website:

[www.krishnaengs.com](http://www.krishnaengs.com)



Contact Us

+91 9880784467



Our gmail address:

[krishnaengineering77@gmail.com](mailto:krishnaengineering77@gmail.com)



Our Location:

Sy. No. 33, Kempaiah Garden, Near BTS 9th Depot , 4th Phase, Peenya 2nd stage , Bangalore - 560058

**PREPARED BY:**

Krishna Engineering System