

COMPANY PROFILE



to create a green future

ABOUT US

FORNNAX is one of the world's leading manufacturers of shredding and recycling equipment, offering Primary shredders, Secondary shredders and Granulators for Tyre, Cable, Aluminium, Municipal Solid Waste, E-waste, Ferrous Metal, Non Ferrous Metal and many other industrial applications. Quick after sales services that increase our customer's uptime and productivity.

We are committed to shaping the landscape for sustainable recycling solutions going forward. Because we are not just selling equipment, we are building business that is what we believe. That is who we are. Fornnax Equipment is built with the idea that the simple, biggest and robust is better. Our equipment is an evolution of advanced products designed for the challenges of the recycling world.

The global sales partner network, makes us successful around the globe. Our corporate culture is based on our history of providing value to our customer's success worldwide. This is what motivates our employees to work together, develop innovative products and produce high-quality equipment.

MISSION, VISION AND VALUES



MISSION

Our mission is to deliver cutting-edge recycling technology that is innovative, cost-effective, reliable, and environmentally friendly. We are committed to raising awareness about the economic and environmental benefits of recycling, and to providing world-class support to our customers.



VISION

Our vision at Fornnax is to eliminate the issue of uneconomical combustion of plastic scrap, waste tyre, and municipal solid waste by pioneering eco-friendly, efficient, and reliable recycling technology. We will continuously innovate to ensure that our recycling solutions are at the forefront of the industry, and we are dedicated to being the world's leading provider of sustainable waste management solutions.



CORE VALUES

Innovation: We strive to continuously innovate and develop cutting-edge recycling solutions that are at the forefront of the industry.

Quality: We are dedicated to delivering high-quality products and services that meet and exceed our customers' expectations.

Sustainability: We are committed to sustainable waste management practices that benefit both the environment and the economy.

Customer Satisfaction: We are dedicated to providing world-class support to our customers and ensuring their satisfaction with our products and services.

Integrity: We conduct ourselves with honesty and integrity in all our business practices and interactions.

OUR JOURNEY

INCEPTION
Fornnax founded by Mr Jignesh Kundariya, developed first shredder with 1 unit and started with a single office and manufacturing unit.

Explore
Developed equipment for downsizing materials, secondary shredders, and granulators to explore more potential in Tyre recycling.

Innovation & Capacity Expansion
Installed the first Tyre recycling plant for crumb rubber granules production at a customer site. Launched the TDF plant for chips and expanded the team to 25-30 employees. Fornnax also launched and installed shredders for MSW.

Revenue Surge
Doubled sales by installing Tyre recycling at various customer sites.

Launch World's biggest shredder
Launched the world's biggest and heaviest secondary shredder R-4000, achieved revenue doubling, and received ISO and CE certification. Fornnax extended its global presence by installing multipurpose shredders in Singapore and steel cleaning plants in Kuwait.

Awards
Achieved the highest revenue turnover in 2020-21, expanded global presence in Sydney and Melbourne, Australia, and tied up with German sales partners for the European market. They also won the Best Business Breakthrough Records Award by Tyre Rubber and Recycling UK.

Market Domination
Achieved a 70% market share in India's Tyre recycling industry, expanded to the metal industry and sold shredders to metal recycling. Fornnax expanded its manufacturing unit to cover 90% of the market and set up an international sales office.

Manufacturing Unit Expansion
Expanded production facilities, achieved a 90% market share in the Tyre recycling industry, launched and installed 10-ton per hour Tyre chips plants, and set up one more manufacturing unit with an area of 40,000 sq mt/5000 mts. The company now has more than 100 employees.

2013

2015

2016-2017

2018

2019

2020

2021

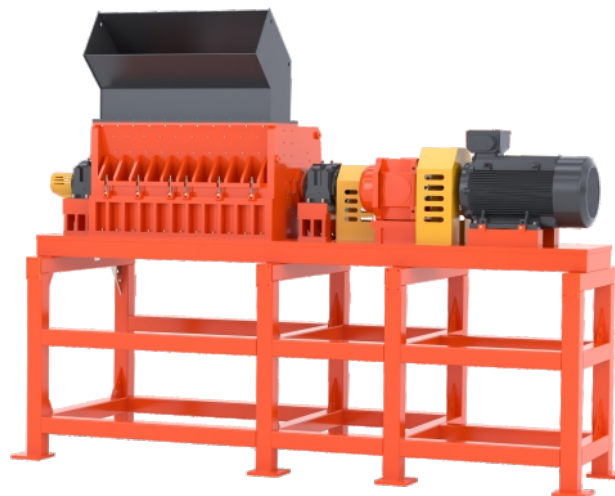
2022





**PRIMARY
SHREDDER**

The Fornnax Dual-Shaft Primary Shredder is best example of modern engineering and technology in the field of recycling business. Each shaft is driven by its own motor and generates high torque at low speed providing plenty of power to individual shaft. The Fornnax Dual-Shaft Shredder is tailor-made and multi-purpose machine to be utilised for size reduction of bulky waste, data destruction and primary shredding where output size variations are acceptable. The output size depends upon the knives thickness and consists of “strips” of sizes varying from 50 mm to 150 mm.



**SECONDARY
SHREDDER**

The Fornnax Secondary Shredder is a single-shaft machine designed to accept wide range of pre-shredded materials for further down-sizing into consistently sized particles. This is a heavy duty machine capable of processing Tyres, RDF, copper wires, non-ferrous metals and much more. The internal screen has hole-size of 12 mm to 50 mm with a drive option of 150 HP to 425 HP, providing sufficient power and torque to process most difficult materials. The technology becomes very reliable and efficient with the design of replaceable wear plate, low cost blades and the use of reversible screens.



GRANULATORS

The Fornnax Granulator is a single-shaft heavy duty machine designed to accept pre-shredded steel-free mulch, wire cables and plastics for down-sizing the particles up to 4 mm granules. The machine is driven by 75 HP to 215 HP motor, providing sufficient power and torque to the rotor shaft. The technology becomes very reliable and efficient with the design of low cost blades and the use of replaceable screens



OUTPUT

TYRE RECYCLING PLANT



TYRE SHRED



RUBBER CHIPS



RUBBER GRANULES



STEEL WIRE

Fornnax introduces the world-class design and technology for tyre recycling plant with a processing capacity of 40 tons to 200 tons per day. Key features include high-level safety, environmental attributes with international standards, easy, low maintenance and impressive efficiency. The plant is auto-controlled by PLC panel. Fornnax tyre recycling crumb rubber plant includes a broad range of customized shredders and granulators along with magnetic separation and fibre separation system which have higher efficiency, toughness and consistency. Fornnax crumb rubber plant generates 99.9% pure crumb rubber free from steel and textile for various applications.



CABLE RECYCLING PLANT

OUTPUT



20MM CABLE CHIPS



COPPER GRANULES



ALUMINIUM GRANULES



ORGANIC MATERIAL

Fornax introduces the world-class design and technology for cable recycling plant with a processing capacity of 25 tons to 100 tons per day. Key features include high-level safety, environmental attributes with international standards, easy, low maintenance and impressive efficiency. The Plant is auto-controlled by PLC panel. Fornax cable recycling plant includes a broad range of customized shredders and granulators along with magnetic separation system and separation table, which have higher efficiency, toughness and consistency. Fornax cable recycling plant generates 99.9% pure copper and aluminium granule free from steel and plastic fractions for further applications



RDF PLANT

OUTPUT



REFUSE DERIVED FUEL

Fornnax RDF plant have processing capacity of 200 tons to 500 tons per day. Key features of RDF shredders include high-level safety, environmental attributes with international standards, easy, low maintenance and impressive efficiency. The plant is auto-controlled by PLC Panel.



OUTPUT

ALUMINUM RECYCLING PLANT



ALUMINIUM SHRED



ALUMINIUM CHIPS



FERROUS METAL



ORGANIC MATERIAL

Fornnax aluminium recycling plant have processing capacity of 80 tons to 200 tons per day. Key features include high-level safety, environmental attributes with international standards, easy, low maintenance and impressive efficiency. The plant is auto-controlled by PLC panel. Fornnax aluminium recycling plant includes a broad range of customized shredders and granulators with magnetic separation system and eddy-current separation system, which have higher efficiency, toughness and consistency. Fornnax aluminium recycling plant generates 99.9% pure aluminium granule free from steel and plastic fractions for further applications.

REFERENCES

Dashmesh Rubber Products Pvt Ltd

Total No. of Equipments Purchased: 8

Application: Waste Tyres

Input Size: 50-150 mm Pre Shredded Tyre

Output Size: 20-30 mm Steel Free
Rubber Mulch + Liberated Steel

Models Purchased:

R-1000: 1 Nos. (Year 2018)

R-4000: 1 Nos. (Year 2018)

R-1000: 2 Nos. (Year 2020)

R-2000: 1 Nos. (Year 2020)

R-2000: 1 Nos. (Year 2021)

R-2000: 1 Nos. (Year 2022)

R-4000(HD): 1 Nos. (Year 2023)

Valencia Rubber Tech, Gujarat

Total No. of Equipments Purchased: 4

Application: Waste Tyres

Input Size: 50-150 mm Pre Shredded Tyre

Output Size: 1-4 mm Rubber Granules +
Steel + Fiber

Models Purchased:

R-2000: 1 Nos. (Year 2015)

TR-1400: 2 Nos. (Year 2017)

R-4000: 1 Nos. (Year 2019)

Vinora Industries, Chennai

Total No. of Equipments Purchased: 6

Application: Waste Tyres

Input Size: 50-150 mm Pre Shredded Tyre

Output Size: 1-4 mm Rubber Granules +
Steel + Fiber

Models Purchased:

R-2000: 1 Nos. (Year 2018)

TR-1400: 2 Nos. (Year 2018)

TR-1400: 1 Nos. (Year 2020)

SR-200: 1 Nos. (Year 2020)

R-4000: 1 Nos. (Year 2021)

Delta Rubber Tech, Jamnagar, Gujarat.

Total No. of Equipments Purchased: 4

Application: Waste Tyres

Input Size: Full Passenger Car Tyres,
Oversized Shreds (up to 400 mm)

Output Size: 1-4 mm Rubber Granules +
Steel + Fiber

Models Purchased:

R-1000: 1 Nos. (Year 2019)

TR-1400: 1 Nos. (Year 2019)

SR-150: 1 Nos. (Year 2022)

R-4000: 1 Nos. (Year 2022)

Royal Carbon Black, Mumbai

Total No. of Equipments Purchased: 2

Application: Waste Tyres

Input Size: 50-150 mm Pre Shredded Tyre

Output Size: 20-30 mm Steel Free Rubber Mulch
+ Liberated Steel

Models Purchased:

R-2000: 1 Nos. (Year 2021)

R-2000: 1 Nos. (Year 2022)

Note: Royal Carbon Black is running
Eldan Recycling Equipment.

Oyster Industries Pvt Ltd, Silvassa

Total No. of Equipments Purchased: 1

Application: Waste Tyres

Input Size: 50-150 mm Pre Shredded Tyre

Output Size: 20-30 mm Steel Free Rubber Mulch
+ Liberated Steel

Models Purchased:

R-4000: 1 Nos. (Year 2020)

Note: Oyster Industries Pvt Ltd is running
Eldan Recycling MPR 160 Since 2012 and
done expansion with Fornnax's R-4000
Secondary Shredder Equipment.



SUPPORT SOLUTIONS

PART AND SERVICE

FORNAX understands the value of superb customer services, making us stand out of the crowd. No more hassles in reaching out to after sales-service department, as our engineers are easy to contact. This is what our lifetime support system is. Our machines are unique since they are customized according to the needs of every business. We have the data of every shredder we manufacture along with providing on-site diagnosis, superior quality equipment, and 24*7 customer support from our factory technicians. This makes us set standards in the industrial shredder parts and service.

PLANNED MAINTENANCE

World class service with 24-48 hours spare parts providing along with after sales



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THANK YOU



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