

Reddonatura

Join the Green Revolution



The G2G Principle

Reddonatura™



Garbage to Green

At Reddonatura, we follow the G2G principle to manage waste in an **efficient, economical, and eco-friendly** manner.

Garbage2Green is an idea for the planet. It's a way of putting waste to use and help create a greener world.

We take pride in creating a change in this segment of **waste management** by offering a decentralized process which is the need of the hour.

Our Footprint

Reddonatura™

OUR FOOTPRINT



INDIA
THAILAND
RUSSIA
MOLDOVA
HUNGARY
AUSTRIA
SERBIA
BULGARIA
GREECE
QATAR
UAE
OMAN
NEPAL
SRI LANKA
ROMANIA
GEORGIA

Our Marque Installations

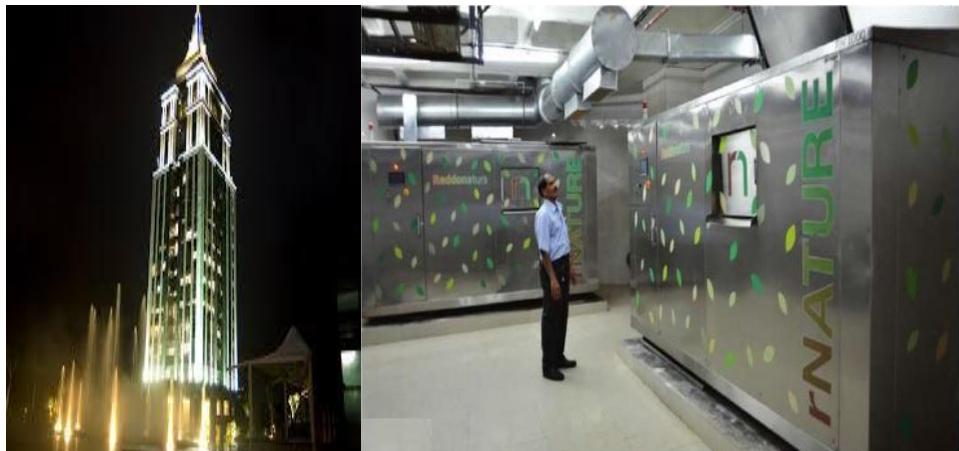
Reddonatura™

ABB, Bhoruka Tech Park, Bangalore



Installed Capacity – 250 kg

U B City, Bangalore



Installed Capacity – 1 ton x 2

The Taj Vivanta, Yeshwanthpur, Bangalore



Installed Capacity – 250 kg

Dell, Whitefield, Bangalore



Installed Capacity – 250 kg

Our Purpose

Reddonatura™

The very Purpose of our existence: the 3R's

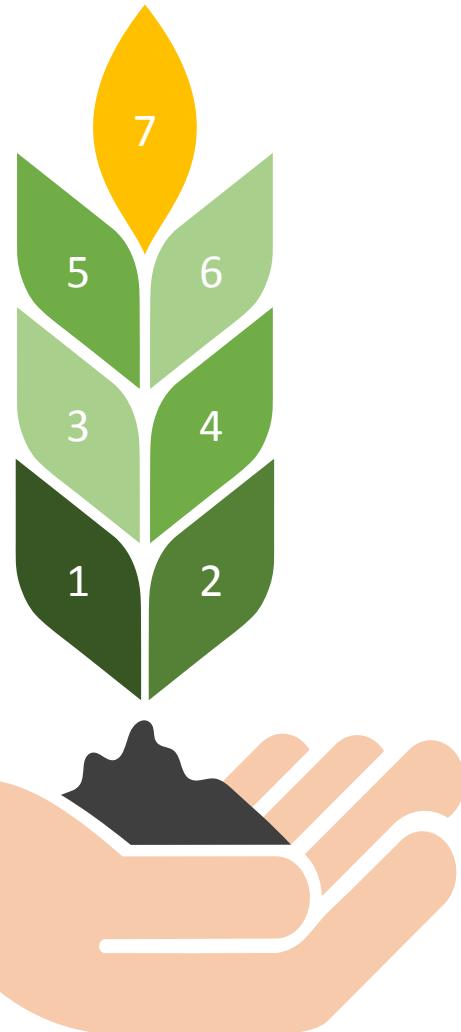
R

educe waste at source
ecycle waste into compostable
matter
euse compostable matter for
plants

Waste management has always been an unrecognised sector and with Reddonatura's identified technology, we knew that we could create a change in this segment by offering a decentralized process which is the need of the hour.

rNATURE Advantages

Reddonatura™



No labor or manual intervention needed

No pungent or putrid odour

Scalable from 25 kg to 10 Tons

Noiseless, aerobic and eco-friendly process

80% to 90% volume reduction

No recurring cost of bacteria refill

Elegant compact design

rNATURE - The machine

Reddonatura™



When organic waste is added inside the machine, moisture content is sensed and the tank is heated if required.

The moisture content in the organic waste gets evaporated and is vented out of the device through the exhaust.

80-90% Volume reduction takes place.

Once the moisture content from the organic waste is removed, the micro organisms decompose the organic waste into compostable matter.

What you get with rNATURE

Reddonatura™

A lot more than just the machine

Waste Audit

Complete analysis of
your waste

0
1

Demonstration & Installation

Our team of experts will
walk you through the
entire process

0
3

Proactive Maintenance

Our AMC Plan ensures you get the
best out of your machine

0
5

Customization

We will recommend the
perfect machine for you

0
2

Post installation Support

Minimal downtime
customer support

0
4

Compost

The produced compost can be
used in 1:10 ratio for plants

0
6

Why rNATURE

Reddonatura™

Manage Waste

Absolutely economical, efficient and eco-friendly.

Customization

The perfect machine for our customers.

Decentralized

Processing wet waste in-house.



Product Quality

Best in-class product with ISO certification.

Service

Dedicated team of professionally trained engineers. Minimal downtime customer support.

Safety Measures

Reddonatura™

Sensors

Internal blades automatically stops when waste input or output door is open



Overload Function

Machine stops when overloaded

Human Machine Interface (HMI)

Every machine has HMI display - power indicator, heater and overload

Building Management System (BMS)

Automate entire system for remote monitoring

Durability

Reddonatura™

All the body parts which are exposed to moisture and that are prone to corrosion are made of **Stainless Steel**

The diameter of the shafts and blades are designed such that it makes sure that the matter doesn't stay back in the tank once composted

Composting Tank

Shafts and Blades

Top Cover

LCD HMI



Outer Body

Environmental Benefits

Reddonatura™



It benefits the environment by recycling the organic resources while conserving landfill space



Reduces the need of commercial soil conditioners and fertilizers



Saves water by helping the soil hold moisture and reduce water run off



Encourages healthy root structure and hence avoids the possibility of soil erosion



Moderates the soil temperature and reduces weeds when used as a mulch



Reduces the amount of green house gas release into atmosphere



Protects plants from drought



Mission towards zero garbage city



Balances pH level of soil



Save cost of collection, transportation and disposal of waste

Technical Specifications

Reddonatura™

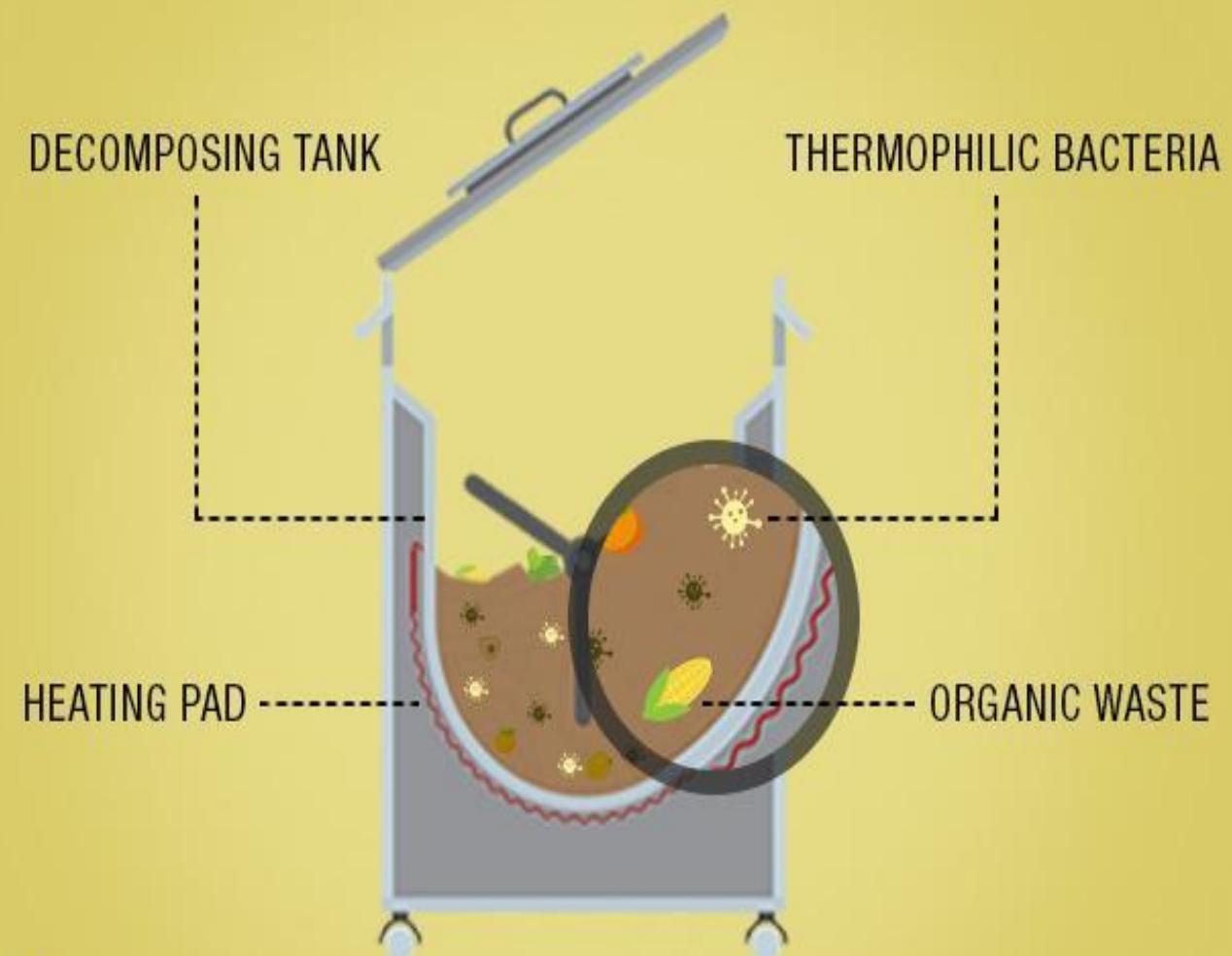
Technical Description	Type	Specification
Electrical panel	Three phase switch	Power rating of about 10 kW
Shaft and mixing blade	Stainless Steel	Advanced Design
Top Panel	Stainless Steel	1.6 mm thick
Exterior panels	Stainless Steel	1.2 mm thick
In vessel mixing unit	Stainless Steel	3 mm thick
Equipment base and structure	Mild Steel	Anticorrosion Treatment Done
Mobility	Wheels	Imported Load Bearing Wheels

Semi Automatic vs. rNATURE

Reddonatura™

Parameter	Semi Automatic	rNATURE
Size and labour	Large space, labour intensive, pungent odour, time consuming	Compact size, minimum labour, no pungent odour, lesser time
Replenishing of micro organisms	Every time the waste is to be processed	Not needed
Volume reduction	50%	80% to 90%
Skilled labour	Medium to high	Not required
Constant monitoring	High	Not required
Compost removal	Daily	Once in 5 to 6 days
Machine durability	Poor, as it is a crusher with frequent breakdowns	Very high quality
Aesthetics	Average	Appealing
Capital expense	Moderate	Low in long term
Installation	2 – 3 days	Plug and play system

WE DON'T INCINERATE ORGANIC WASTE, WE COMPOST IT



NO BURNING