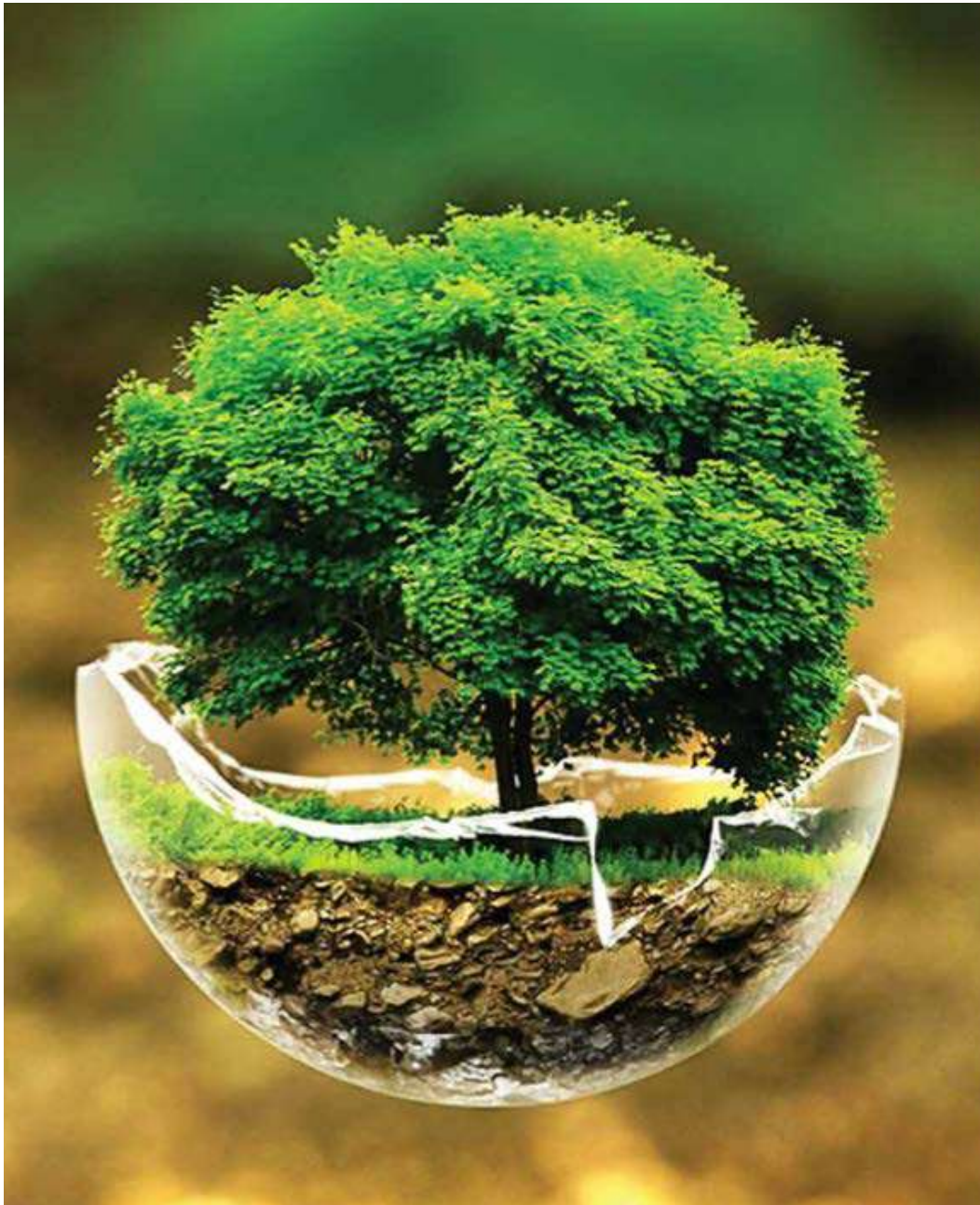




NANJGEL
GREEN



FROM WASTE TO COMPOST

A Step Towards Securing Our
Environment

www.nanjgelgreen.com



ABOUT US

Nanjgel Green is dedicated at providing a holistic waste management system that promotes sustainability, environmental friendly approach and cost effective practices.

Since 2017, we have expanded our operations and widened our reach within the renewable energy sector by implementing an integrated system of waste reduction, reuse, recycle, innovative technology, customer service and education.

We are a team of experienced, motivated social enthusiasts and professionals who are passionate towards saving our Environment.

Our mission is to partner with the world's best waste management machine manufactures to build fully automated recycling machines at the most economical cost.

“ CLEAN AND GREEN PLANET TO ENHANCE BETTER LIVING ”



WASTE MANAGEMENT

The amount of Waste generated from several sources is approximately 312,000 tonnes per year – that's equivalent to about 875 million pounds each year*. This is harmful for our environment. Mismanagement of waste can cause water contamination, soil erosion and air pollution that contributes to Climate Change.

However, Waste, water & energy can all be recovered –

- By transforming what is discarded into a valuable resource.
- By designing sustainable solutions to reprocess organic rejects at the point it originates, thereby preserving and replenishing the world's resources and reducing carbon footprint.



The core values of our company are condensed into one single phrase

“ ALWAYS DELIVER BEST QUALITY AT COMPETITIVE PRICES WITHIN SET DEADLINES ”



SOLUTION

We blend skills in engineering & technology and operations with innovative business models, offering a range of environmental solutions to meet the challenges of cities and governments.

BIODEGRADABLE WASTE RECYCLING MACHINE

We provide an Eco friendly automated machine, for managing food/horticulture waste effectively. Our highly compact composting machine uses special techniques to break down and decompose all kinds of organic waste into compost within 24hrs with a volume reduction of 80-90%.



This is an entire natural biological process without having to add any additives or bio-enzymes. Thereby, reducing the carbon footprint and contributing to a long term sustainable environment for our future generations.



FEATURES

- Inbuilt Shredder
- Fully automatic machine with Siemens automation
- No discharge or emission of harmful gases
- 100% natural 24 hours composting process
- Compact in size
- High quality Organic Compost ready to use in 24 hours
- S.S 304 Machine Fabrication
- Decentralized solution for organic food waste management
- Noiseless, Odorless, Maintenance-free
- No bacteria or enzymes are used
- Reduces large amounts spent on transportation to landfill sites
- In-house waste management reducing dependence on any outside agency
- OWC machines are also available with IOT system online monitoring with web server functionality and APP application (Available at additional cost)
- CE certified, ISO 9001:2015, NSIC and Gem registered Manufacturer with all Lab tested reports

Name Model	Power KW with Shredder	Power KW During Composting	Approx Dimensions (Feet)
NG-50 / 50Kgs	6.7 KW	2-3 KW	3.5 * 3.5 * 4.5
NG-100 / 100Kgs	6.7 KW	2-3 KW	4 * 3.5 * 4.5
NG-250 / 250Kgs	8.5 KW	3-4.5 KW	5.5 * 4.5 * 5
NG-500 / 500Kgs	8.5 KW	3-4.5 KW	7 * 5.5 * 6
NG-750 / 750Kgs	8.5 KW	3-4.5 KW	7 * 5 * 8
NG-1000 / 1000Kgs	9-10 KW	4-5 KW	11 * 4.8 * 6.5
NG-1500 / 1500Kgs	12-15 KW	5-6 KW	12.5 * 5.5 * 8
NG-2000 / 2000Kgs	15-17 KW	10-12 KW	15 * 6 * 8
NG-2500 / 2500Kgs	20-25 KW	14-16 KW	17 * 6 * 8.5



HORTICULTURE/AGRICULTURE WASTE RECYCLING MACHINE

A fully automatic and highly compact machine uses special techniques to recycle all kinds of garden waste into bio-fuel pellets. These biofuel products will provide as a future source of renewable energy for generating Electricity.

Our Horticulture/Agriculture waste recycling machine can convert dry leaves, wood, grass, dry flowers, twigs, wood logs up to 10-15mm into pellets which can be used for multiple applications i.e burning fuel, compost, cooking fuel which is less harmful than coal.

Process Flow



Machine Process Flow



Shredding



Mixing Tank



Conveyor



Pellets Making

The wood chipping machine uses special techniques to shred horticulture waste into small pieces. It has a special chamber in which we create artificial environment and control shredded material temperature and moisture. The material then travels towards our pelleting unit which converts the shredded material into bio-fuel pellets. This bio-fuel product can be used for household and industrial purposes.

FEATURES

- A single machine operating system to provide complete Bio-Fuel pellets
- Outer body is made with Sturdy material to make sure maximum life of the machine
- Equipped with an inbuilt humidity sensor and moisture generation system
- Incorporates a separate pelleting unit which converts shredded material into bio-fuel pellets
- Low power consumption
- Easy to operate and maintain





WASTE MANAGEMENT SOLUTIONS



Paper Waste Machine: Using the process of boiling, screening and de-inking, all types of paper waste is refined and converted into reusable products like paper bricks, paper plates, soft cardboard, egg crates, etc.



Plastic Waste Machine: All flexible plastic waste can be converted into reusable plastic products such as highly durable plastic chips which can be used for making pot hole free roads.



Poultry and Animal Waste Recycling Machine: A High RPM Shredder is used to convert all the big/small bones as well as hard/soft poultry and animal waste into compost in just 24 hours.



Tyre Recycling Machine: Tyres burn hotter and cleaner than coal, thereby reducing harmful emissions. Volume reduction is achieved by shredding the tire into 12X12mm unsegregated shredded rubber waste which can be useful in sound walls, bridge foundations and landfill construction, or even converted into products such as vehicle mud guards, floor tiles, anti-fatigue mats etc.

OUR ESTEEMED CLIENTS



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