

OUR COMPANY

We are a family-run company that is providing sustainable solutions towards managing daily waste generated in an organization. **We are manufacturer supplier exporter & Service Provider of Composting machine, Shredder machine and a lot more.** Our awarded technology has already been installed at more than 200 locations all over India like North Eastern Region of India for Power grid Corporation of India, Bestech Group, Godrej Group, Badrinath Dham, Baidyanath Dham and in Deoghar through CSR Funds of Power grid Corporation of India.



Clean India Advance Solutions

**A Clean India Starts
With Us**

Compost
from waste

Contact Us

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Solutions for Horticultural waste

Our machine Converts horticulture waste, such as grass clippings, tree trimmings, leaves, and spent plants, into organic compost. This process diverts massive amounts of green waste from municipal landfills, which reduces methane emissions (a potent greenhouse gas) and saves valuable landfill space. Socially, the resulting organic compost is a rich soil conditioner that improves soil structure, increases water retention, and provides essential nutrients for urban gardens, parks, and agricultural land, leading to healthier, more vibrant green spaces without the need for synthetic chemical fertilizers.

Unmatched Performance in Temple Waste

The conversion of temple waste, primarily consisting of flowers, coconuts, leaves, and other organic ceremonial materials, into organic compost presents a sustainable and beneficial solution for both the environment and society. Such projects often create local employment opportunities, foster community involvement in waste management, and promote a circular economy by turning sacred offerings into a valuable resource, thus honoring the materials' spiritual significance through an environmentally responsible practice.



Solutions for Food Waste

60% of waste produced in the residential area is biodegradable. Our machine converts the waste into organic compost, which not only helps the environment conservation but also saves the transportation cost.



WHERE CAN BE INSTALLED?



RESIDENTIAL BUILDINGS



HOTELS, RESTAURANTS



CORPORATE & COMMERCIAL
BUILDINGS



EDUCATIONAL INSTITUTES



CANTEEN & CAFETERIA



HOSPITALS

Our in house developed specialized microbial culture enables faster decomposition of organic waste & provide higher grade of compost as final product. Machine is equipped with equipped with sensors & PLC also.

Our products are acknowledged for a host of features including reliable performance, sturdily built, long service life and ease of installation and usage. We can design and develop these products or machines with different specifications to suit the varied requirements of the clients.

It is fully automatic Organic Waste Processing Machine. It Processes all *kind* of Organic Waste (Horticulture, Food & Wet Waste)* in to compost within 24 hours with a volume reduction of 70-80%.

UNIQUE FEATURES

Ready compost
in 24 hours

Inbuilt Shredder/
Without Shredder



Fully automatic and
compact in size

No pathogens,
harmful gases
and odor

PLC & Non PLC
(As per Requirement)





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MODELS AND CAPACITY

Model	Capacity (kg)
CIA 25	25-35
CIA 50	50-75
CIA 100	100-125
CIA 200	200-250
CIA 300	300-350
CIA 500	500-600
CIA 1000	1000-1200
CIA 1500	1500-1650
CIA 2000	2000-2100

Note: -

As per client requirement we also provide higher processing capacity units.

HIGHLIGHTS

- Inbuilt Shredding System to increase decomposition efficiency.
- Temperature & Humidity Controller & Display.
- Inbuilt Rotary System for proper mixing & homogenization.
- Noiseless System.
- Ensure SWM Rules 2016 requirements for bulk waste generators.
- O&M Services of Waste processing machine / plants through our dedicated & Trained team of professionals.



TECHNICAL SPECIFICATIONS

ORGANIC FOOD WASTE COMPOST MACHINE				
SR NO	PARAMETERS	WASTE PROCESSING CAPACITY PER DAY		
		25 KG/DAY	50 KG/DAY	100 KG/DAY
1	MODEL	CIA-25	CIA-50	CIA-100
2	OPERATION	AUTOMATIC	AUTOMATIC	AUTOMATIC
3	DIMENSIONS(LxBxH)	4FT x 2 FT x 4FT	5 FT x 2 FT x 4FT	6FT x 3 FT x 4 FT
4	PROCESS TYPE	MECHANICAL AUTO COMPOSTING	MECHANICAL AUTO COMPOSTING	MECHANICAL AUTO COMPOSTING
5	PROCESS DURATION	24 HOURS	24 HOURS	24 HOURS
6	VOLUME REDUCTION	80 TO 85 %	80 TO 85 %	80 TO 85 %
7	WEIGHT (APPROX.)	200 KG	300 KG	450 KG
8	MAKE	INNER SS-304 OUTER BODY MILD STEEL, SS 202 OR SS-304(AS PER REQUIREMENT)	INNER SS-304 OUTER BODY MILD STEEL, SS 202 OR SS-304(AS PER REQUIREMENT)	INNER SS-304 OUTER BODY MILD STEEL, SS 202 OR SS-304(AS PER REQUIREMENT)
9	POWER REQUIRED	2.5 KW	3.5 KW	5 KW
10	HEATERS	CERAMIC BAND HEATER	CERAMIC BAND HEATER	CERAMIC BAND HEATER
11	MOTOR CAPACITY	2 HP	2 HP	3 HP
12	INDICATORS	TEMPERATURE,LOAD, COMPLETION	TEMPERATURE,LOAD, COMPLETION	TEMPERATURE,LOAD, COMPLETION
13	POWER UNIT CONSUMOTION PER DAY	2-3 UNITS (APPROX)	4-5 UNITS (APPROX)	10-12 UNITS (APPROX)
14	SHREDDER TYPE	IN-BUILT/SEPERATE	IN-BUILT/SEPARATE	IN-BUILT/SEPERATE
15	SAFETY FEATURES	EMERGENCY SWITCH, MOTOR OVERLOAD PROTECTION ,TEMPERATURE CONTROL,ETC.	EMERGENCY SWITCH, MOTOR OVERLOAD PROTECTION, TEMPERATURE CONTROL,ETC.	EMERGENCY SWITCH, MOTOR OVERLOAD PROTECTION, TEMPERATURE CONTROL,ETC.
16	INPUT WASTE TYPE	SEGGREGATED ORGANIC WASTE	SEGGREGATED ORGANIC WASTE	SEGGREGATED ORGANIC WASTE
17	SPACE REQUIRE FOR INSTALLATION	6 FT x 4 FT APPROX	10 FT x 10 FT APPROX	10 FT x 10 FT APPROX
18	OUTPUT	DRY ORGANIC COMPOST	DRY ORGANIC COMPOST	DRY ORGANIC COMPOST



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TECHNICAL SPECIFICATIONS

ORGANIC FOOD WASTE COMPOST MACHINE					
SR NO	PARAMETERS	WASTE PROCESSING CAPACITY PER DAY			
		200 KG/DAY	500 KG/DAY	1000 KG/DAY	2000 KG/DAY
1	MODEL	CIA-200	CIA-500	CIA-1000	CIA-2000
2	OPERATION	AUTOMATIC	AUTOMATIC	AUTOMATIC	AUTOMATIC
3	DIMENSIONS (LxBxH)	7 FT x 3.5FT x 5 FT	8 FT x 4 FT x 6 FT	11 FT x 4FT x 6 FT	13 FT x 5 FT x 7 FT
4	PROCESS TYPE	MECHANICAL AUTO COMPOSTING	MECHANICAL AUTO COMPOSTING	MECHANICAL AUTO COMPOSTING	MECHANICAL AUTO COMPOSTING
5	PROCESS DURATION	24 HOURS	24 HOURS	24 HOURS	24 HOURS
6	VOLUME REDUCTION	80 TO 85 %	80 TO 85 %	80 TO 85 %	80 TO 85 %
7	WEIGHT (APPROX)	600 KG	1200 KG	2000 KG	3000 KG
8	MAKE	INNER SS-304 OUTER BODY MILD STEEL, SS 202 OR SS-304(AS PER REQUIREMENT)	INNER SS-304 OUTER BODY MILD STEEL, SS 202 OR SS-304(AS PER REQUIREMENT)	INNER SS-304 OUTER BODY SS-304	INNER SS-304 OUTER BODY SS-304
9	POWER REQUIRED	7.5 KW	12 KW	18 KW	25 KW
10	HEATERS	CERAMIC BAND HEATER	CERAMIC BAND HEATER	CERAMIC BAND HEATER	CERAMIC BAND HEATER
11	MOTOR CAPACITY	5 HP	7.5 HP	10 HP	12.5 HP
12	INDICATORS	TEMPERATURE,LOAD, COMPLETION	TEMPERATURE,LOAD, COMPLETION	TEMPERATURE,LOAD, COMPLETION	TEMPERATURE,LOAD, COMPLETION
13	POWER UNIT CONSUMPTION PER DAY	12-15 UNITS (APPROX)	20-25 UNITS (APPROX)	25-30 UNITS (APPROX)	30-35 UNITS (APPROX)
14	SHREDDER TYPE	IN-BUILT/SEPRATE	IN-BUILT	IN-BUILT	IN-BUILT
15	SAFETY FEATURES	EMERGENCY SWITCH, MOTOR OVERLOAD PROTECTION, TEMPERATURE CONTROL,ETC.	EMERGENCY SWITCH, MOTOR OVERLOAD PROTECTION, TEMPERATURE CONTROL,ETC.	EMERGENCY SWITCH, MOTOR OVERLOAD PROTECTION, TEMPERATURE CONTROL,ETC.	EMERGENCY SWITCH, MOTOR OVERLOAD PROTECTION,TEMPERATURE CONTROL,ETC.
16	INPUT WASTE TYPE	SEGGREGATED ORGANIC WASTE	SEGGREGATED ORGANIC WASTE	SEGGREGATED ORGANIC WASTE	SEGGREGATED ORGANIC WASTE
17	SPACE REQUIRED FOR INSTALLATION	10 FT x 10 FT APPROX	15 FT x 15 FT APPROX	15 FT x 15 FT APPROX	20 FT x 20 FT APPROX
18	OUTPUT PRODUCTS	DRY ORGANIC COMPOST	DRY ORGANIC COMPOST	DRY ORGANIC COMPOST	DRY ORGANIC COMPOST

Our Foot Prints



Baidyanath Dham, Deoghar, Jharkhand



Nigam Bodh Ghat, New Delhi



Mayo College, Ajmer



CPWD Lodhi Road



Sector-11, Faridabad



CFWD, CGO Complex



Ghaziabad



OMAXE, Greater Noida



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