



ISO 9001:2008

ALFA-THERM LIMITED

Head Office : 6, Community Centre, Mayapuri, Phase-1, New Delhi-110064 (INDIA)
 Phone : 91-11-2811-5222, 2811-6222, 2811-7391, 2811-4748 Fax : 91-11-2811-5396
 E-mail : alfatherm@vsnl.com Web Site : <http://www.alfathermltd.com>

COMPOST ECO-100 (200 KGS/DAY)

Alfa Therm Limited is a 28 year old ISO 9001:2008 and OHSAS 18001:2007 certified company and is India's leading manufacturer of Composting machines. We also manufacture and setup large compost plant upto 500 Ton per Day capacity for Municipal Corporation besides high capacity shredders upto 15 Ton per Hour. We have the maximum experience and expertise in the field of waste management. Our composting machines are known for durability, long lasting and most superior in performance. All machines are in stainless Steel constructions and best input components.

Our service support is available all across the country at all times to ensure trouble free operation of the machine across the country.

ORGANIC WASTE COMPOSTING MACHINE SEMI-AUTOMATIC:



COMPOSTING MACHINE



CURING SYSTEM



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TECHNICAL SPECIFICATION OF MACHINE:

Sr. No.	Descriptions	Specifications
1	Model	Compost Eco-100
2	Handling Capacity	100 to 400 Kgs/Day
3	Batch Capacity	25 Kgs Per Batch
4	Batch Duration	15 Minutes
5	Type of Waste	Organic Waste
6	All Contacts Part and outer body	Stainless Steel
7	Rotating Arms Motor	ABB/Crompton's or Any reputed brand
8	Waste Feeding	Manually
9	Control Panel	Inbuilt
10	Output	30 -40%
11	Curing Period	10 Days
12	Dimensions of Machine-LxWxH	1600MM x 800MM x 1100MM
13	Approx. Area required - LxWxH	20' x 15' x 13'
14	Bio-Culture Require Quantity	1 Gram for 1 Kg Waste
15	Odor Control	1 Gram for 1 Kg Waste
16	Power Supply for Machine	3 Phase Supply, 440 V
17	Power Supply for Curing System	Single Phase Supply, 220 V
Double Curing System- 200 Kgs Per Day- 1 No		
1. 100 Nos. of High Quality HDPE crates of size 540x360x260 mm, laminated with aerating net.		
2. One number of four shelf folding storage rack of size 3800x1200x2500 mm.		
3. 8 Nos. of Leachate collection tray of G.I. of size 930x530x75 mm.		
4. Double Fogger: Moisture control fogging system consisting of 200 foggers, complete system.		



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BENEFITS OF DECENTRALIZED COMPOSTING MACHINE:

- Economic Viable and Environmental friendly.
- High Quality compost and Low Power Consumptions.
- Processes all types of organic waste.
- Ready compost in very short period of time.
- Noiseless, Odorless, Maintenance-free.
- No harmful gases and No pathogens.
- Reduces large amounts spent on transportation to landfill sites.
- In house waste management reducing dependence on any outside agency.



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APPLICATIONS:

- **Municipal Council and Township**
- **Nagar Panchayat**
- **Local Body Authority**
- **Vegetable Mandies**
- **Urban Agglomerations,**
- **Census Towns,**
- **Notified Industrial Townships,**
- **Areas Under The Control Of Indian Railways,**
- **Airports,**
- **Airbase,**
- **Offices**
- **Golf Courses**
- **Port And Harbor,**
- **Defence Establishments,**
- **Special Economic Zones,**
- **State And Central Government Organizations,**
- **Places Of Pilgrims,**
- **Religious & Historical Importance.**
- **Housing Societies**
- **Canteens / Kitchens / Food Courts**



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THANK YOU



Alfa Therm Limited

Vijay Bahadur Saroj

6, Community Centre , Mayapuri Industrial Area, Phase I

New Delhi 110064

Tel.no: 011-28115222/6222 , Mo: 9958692424

Email: vijay@alfatherm.in

www.alfathermltd.com

