Excel Industries Ltd.
The courage to dream. Together.

Organic Waste Converter

Proposal for Organic waste treatment for 600 kg per day

Table of Contents

- Our Company Profile
- Introduction to Organic Waste Converter
- Technical Specification of products
- Commercials
- Terms and Conditions
- Excel’s Reputed Clientele

Company Profile

- Excel Industries Limited established in 1941 from a kitchen laboratory
- TATA Group was a stakeholder in the company for 33 years from 1964 to 1997
- Core Business activities of Chemical including intermediaries and Specialty Chemicals
- Excel's Business of Solid Waste Management
  - Centralized Municipal Solid Waste Composting
  - Decentralized Solutions for Waste Management
  - Soil Management
  - Bio & Renewable Energy

Commitment to Sustainable Development

Solid & Liquid Waste Management

Watershed Development

Organic Agriculture, Certification, Contract Farming

Wasteland Development

Integrated Crop Management

Soil and Nutrient Management

1. Segregate the Waste



2. Feed the OWC with Organic Waste, Bioculum and absorbent



3. After a cycle of 15 minutes, remove the Raw Compost from OWC



4. Place the Raw Compost in the Curing System



5. After 10 days in the Curing System, fully mature compost ready for use



Technical Specifications

Machinery and Equipment	Specifications
Composting Machine – OWC-130 SS Model	a) Power Connection : 7 HP (Main Motor & Chopper Motor) b) Brim Capacity : 130 Lit. c) Waste Batch size : 50Kg. d) Batch Duration : 15 min. e) MOC : All contact parts of SS-304 f) MOC of Outer Cover : SS-304 g) Trolley : One No. of SS-304.

Technical Specifications

Accessories	Specifications
Double Curing System	**Capacity: 200 Kg of Organic Waste per day.** 1. 100 No. of HDPE crates of size 54x36x26 cm, laminated with aerating net. 2. One number of six shelf folding storage rack of size 365x120x255cm. 3. Four Number of Leach ate collection Tray of G.I of Size 150X55X7cm 4. Double Fogger: Moisture control fogging system consisting of 140 foggers, Disc Filter, Ball Valve, 1 No of Laxmi Make Pump, Time Control unit for spray and frequency control, One number of pressure gauge, and other accessories like piping, valves etc.
Double Shredder	a) Double shredder is used to shredding bone waste and small branches received from garden waste. b) 2 HP,3 Phase,Cap.100 kg/Hr

OWC Capacities

	600 kg/day
OWC	OWC 130
Double Curing System	3
Covered Shed Required	600 sq ft
Daily Manpower Required	2-3
Daily Innoculant Required	600 gm
Daily Electricity Consumption	12 Units

OWC Commercials SS Model

625 kgs / day	Quantity (Nos)	Unit Rate (Rs.)	GST	Amount (Rs.)
OWC 130 SS	1	₹ 620,000	12%	₹ 694,400
Double Curing System	3	₹ 190,000	18%	₹ 672,600
Double Shredder	1	₹ 225,000	12%	₹ 252,000
SubTotal				**₹ 1,619,000**
Freight,Packing & Insurance		₹ 20,000	12%	₹ 22,400
Installation, Commissioning & Training		₹ 20,000	18%	₹ 23,600
Grand Total				**₹ 1,665,000**

Terms and Conditions

- **Taxes**: GST @ 12% or 18% as applicable.
- **Validity of Offer**: This offer is valid for acceptance within 30 days.
- **Payment** : 100% along with Purchase Order.
- **Delivery**: Within One months from the date of confirmed order.
- **Warranty**: 12 Months from the date of Installation.

Closing the Loop with Urban Agriculture

Food – Waste – Compost - Food



Coriander in single pot



Green chilly in a pot



Mint in hanging basket



Corriander & Spinach in bamboo basket

Excel's Reputed Clientele



Excel's Reputed Clientele



Excel Industries Ltd.

WHAT COLOUR IS YOUR GARBAGE?
TOGETHER WE CAN TURN IT GREEN.



PRESENTING THE ORGANIC WASTE CONVERTER FROM EXCEL.

Want to enhance your Green Quotient? We can show you how. Our Organic Waste Converter (OWC) transforms organic waste into odour-free flowable, homogenised raw compost in 15 to 20 minutes. When this is cured further, it gives nutrient-rich, soil enhancing compost which can be used to create terrace gardens, organic kitchen gardens and landscaping– right in the heart of the city! Together, we can create a cleaner, greener, healthier enviroment. That's what responsible corporate citizens do.

Waste Processing Capacity : 100/400/800/ 1600/2500 kg per day	OWC handles Food Waste,Garden Waste & Market Waste.

OWC
COMPOSTING MACHINE

DESIGNED TO INCREASE YOUR COMPANY'S GREEN QUOTIENT

Excel Industries Ltd.
Ph.: 022 6646 4342 | Email: owc@excelind.com | http: www.excelind.co.in



Thank You

ENVIRON & BIOTECH DIVISION
EXCEL INDUSTRIES LIMITED
184-87, S V ROAD, JOGESHWARI WEST
MUMBAI 400 102 – INDIA
TEL: +91 22 6646 4200