



V1 Renewables

**Food Waste
Valorisation System
(Quick Intro)**

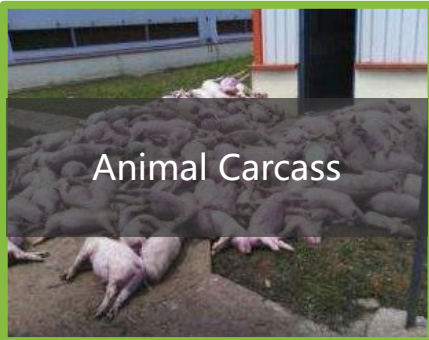
PRODUCT INTRODUCTION

Organic waste is **directly added** to our food waste management system.

Our system adopts high temperature aerobic fermentation technology to decompose and ferment organic waste **dozens of times faster** than traditional compost with **up to 90% reduction in volume and weight**.



PRODUCT INTRODUCTION



Process all kinds of organic products including paper cups etc.

MODELS FOR ALL FOOD WASTE CAPACITIES

JC-200

Daily waste up to 200kg



Daily waste up to 1 Ton

JC-1000

JC-2000

Daily waste up to 2 Tons



Daily waste up to 5 Tons

JC-5000

SYSTEM ADVANTAGES

Odorless

Composted inside
Sealed chamber,
No exhaust

**Easy
Operation**

Single Button
Operation

**Rapid
Compost**

6~12 hrs Compost to
Organic Fertilizer
90% Mass and Weight
Reduction



MODEL SPECIFICATIONS

CAPACITY	200L	1000L	2000L	5000L
PROCESSING TIME	FULL LOAD WITHIN 22 HOURS. SUBJECT TO MOISTURE CONTENT. WASTE WITH 50% MOISTURE CONTENT CAN BE PROCESSED WITHIN 10 HOURS.			
TREATMENT METHOD	MICROBIAL FERMENTATION AND DRYING			
DIMENSIONS (L/W/H) (mm)	2300x1500x1800	3700x2000x2850	4900x2100x2850	6100x2400x3850
MASS/WEIGHT REDUCTION	70% - 90%			
WEIGHT (TONNE)	1.9	5.5	8.5	16.5
FERMENTATION TEMP	60°C - 80°C			
INPUT POWER	220V/230V	380V/415V	380V/415V	380V/415V
MAX POWER (h)	15KW	38KW	62KW	155KW
AVG POWER (h)	6KW	20KW	36KW	80KW

WASTE VALORISATION DEMO – FOOD WASTE



WASTE VALORISATION DEMO – ARGI/LANDSCAPING WASTE



WASTE VALORISATION DEMO – LIVE STOCK



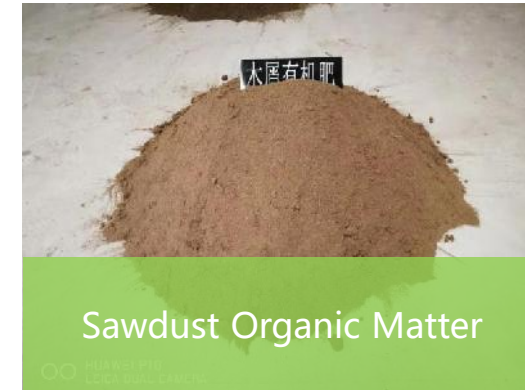
WASTE VALORISATION OUTPUT



Organic Matter From Food Waste



Organic Matter In Sludge



Sawdust Organic Matter



Biomass Fuel Rod



Organic Matter of Pig Manure



Organic Matter of Cow Dung

Thank You



Q&A