

# ECC Pro Series Rapid Composting Machine

ZERO WASTE

GREEN WORLD

Zero waste solution  
From nature to nature

**Eco Climate Concept Co.Ltd**

# Product Introduction

This Pro series is newly launched into market, comparing to other composting machines, this series is way more efficient, shorten half of the processing time and generate high quality organic compost. The superior raw materials and excellent mechanism design make the equipments more strong durable. With the unique formula of microorganism, the output compost can reach organic fertilizer standard and can be applied in soils directly. Besides, there's no gas being discharged at all, the whole process is odorless.



# Production Details



## Ultra-thin panel

fermentation chamber is made of 8mm stainless panel.



## Strong blades

strong stirring blades won't get deformed



## Clear cables

clear cables layout meets EU standard



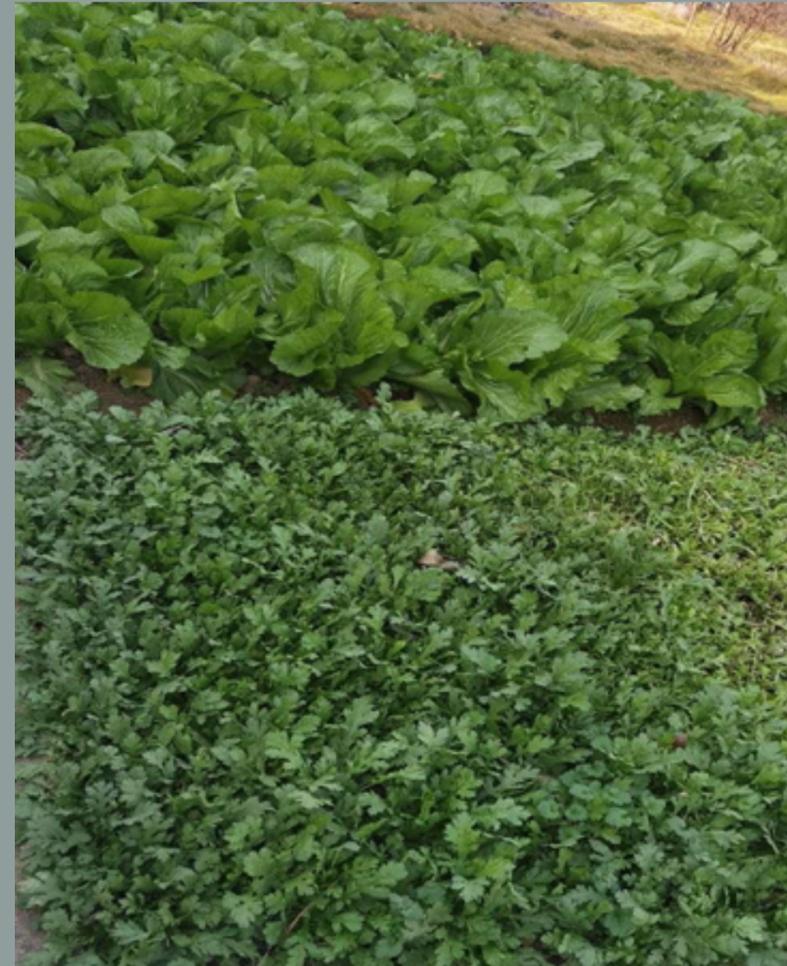
# All-in-one Machine

No need pre-treatment devices. Whole duck and fish can put into it directly. Save space and easy to operate.



# Excellent output materials

Experimental fields of organic waste compost.no need other fertilizer.



# ORGANIC MATTER QUALITY TEST REPORT

## 检验检测结果

No:2019AJWA01818

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序号	检验检测项目	单位	技术要求	检验检测结果	单项评价
1	有机质的质量分数(以烘干基计), %	—	—	94	—
2	总氮(N)的质量分数(以烘干基计), %	—	—	1.1	—
3	五氧化二磷(P <sub>2</sub> O <sub>5</sub> )的质量分数(以烘干基计), %	—	—	0.2	—

Percentage of seed germination

90%~95%

## 检测报告正本 INSPECTION REPORT

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序号	检测项目	检测结果
1	有机质含量(以干基计) %	93.4

Organic matter content

70%~90%

表 1-1 餐厨垃圾土壤基础养分指标

处理	有机质 <sup>①</sup> (g kg <sup>-1</sup> ) <sup>②</sup>	全碳 <sup>①</sup> (g kg <sup>-1</sup> ) <sup>②</sup>	全碳折算有 机物(g kg <sup>-1</sup> ) <sup>②</sup>	全氮 <sup>①</sup> (g kg <sup>-1</sup> ) <sup>②</sup>	全钾 <sup>①</sup> (g kg <sup>-1</sup> ) <sup>②</sup>	全磷 <sup>①</sup> (g kg <sup>-1</sup> ) <sup>②</sup>	PH <sup>①</sup>	含水量 <sup>①</sup> (%) <sup>②</sup>	出芽率(5:1) % <sup>②</sup>
1 <sup>②</sup>	274.63 <sup>②</sup>	413.51 <sup>②</sup>	713 <sup>②</sup>	38.68 <sup>②</sup>	17.8 <sup>②</sup>	5.89 <sup>②</sup>	5.27 <sup>②</sup>	10.2 <sup>②</sup>	92.0 <sup>②</sup>
重复 2 <sup>②</sup>	279.57 <sup>②</sup>	411.75 <sup>②</sup>	709 <sup>②</sup>	38.52 <sup>②</sup>	25.7 <sup>②</sup>	5.50 <sup>②</sup>	5.21 <sup>②</sup>	9.8 <sup>②</sup>	94.0 <sup>②</sup>
3 <sup>②</sup>	266.71 <sup>②</sup>	407.16 <sup>②</sup>	702 <sup>②</sup>	39.42 <sup>②</sup>	23.8 <sup>②</sup>	8.60 <sup>②</sup>	5.33 <sup>②</sup>	10.1 <sup>②</sup>	89% <sup>②</sup>

# BIOMASS FUEL INSPECTION REPORT

Calorific value is equivalent to standard coal



7000Kcal/Kg



3750Kcal/Kg

ICAS  
英格尔集团



## 测试报告

报告编号: SHC21081286-01

日期: 2021-09-08

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测试结果:

样品描述: 条状固体。

测试项目	测试方法	单位	测试结果
干燥基高位发热量 $Q_{gr,v,d}$	GB/T 30727-2014	MJ/kg	18.38
		kcal/kg	4394
收到基低位发热量 $Q_{net,v,ar}$		MJ/kg	15.68
		kcal/kg	3750
全水分 $M_t$	GB/T 28733-2012	%	8.20
干燥基含硫量 $St_d$	GB/T 28732-2012	%	0.27
干燥基灰分 $A_d$	GB/T 28731-2012	%	13.58
干燥基氮含量 $N_d$	GB/T 30728-2014	%	2.81
密度	DB44/T 1052-2018 NY/T 1881.7-2010	g/cm <sup>3</sup>	1.19



# HARMLESS TEST REPORT

**Harmless treatment**

Kitchen waste

- No radioactivity
- Not infectious
- Non corrosive
- The pH is suitable
- Very few harmful bacteria
- Heavy metals are rare

检验检测:

样品编号	样品标识	检测项目	检测方法	结果	单位
160521Y028830	厨余	水分	GB/T 6435-2014	6.10	%
		pH 值	EQ1/C1-134	5.20	/
		总砷	GB/T 13079-2006	2.72	mg/kg
		铅	GB/T 13080-2004	0.04	mg/kg
		镉	GB/T 13082-1991	0.40	mg/kg
		汞	GB/T 13081-2006	0.02	mg/kg
		铬	GB/T 13088-2006	4.41	mg/kg
		粪大肠菌群	GB4789.39-2013	<3	MPN/g

备注: pH 值检测的前处理方式: 10g 样品加 50ml 水。

\*\*\*本报告结束\*\*\*

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# Outstanding Advantages

eccrecycling.com



	Our Product	Others
Composting Time	<b>8-12H</b>	over 24H
Gas Emissions	<b>NO</b>	yes
Quality of Fertilizer	<b>Can be directly used as high quality fertilizer</b>	Need secondary composting
Other Additional Value	<b>High calorific value, can be used as fuel</b>	no
Pretreatment Device	<b>NO</b>	yes

# Suitable for any kinds of organic waste



**Kitchen Waste**



**Landscaping Waste**



**Agricultural Waste**



**Animal Carcass**



**Livestock Manure**



**The Toilet Waste**

# Models and Specifications

MODEL	30L	60L	100L	200L	500L	1000L	2000L	3000L	5000L	10000L
VOLUME CYCLE:	30L	60L	100L	200L	500L	1000L	2000L	3000L	5000L	10000L
PROCESSING TIME (H)	8-12hrs									
TREATMENT METHOD	MICROBIAL FERMENTATION AND DRYING									
MEASURE : LENGTH* WIDTH*H HEIGHT (mm)	850X800X110	1150X1120X1390	2000X1200X1700	2300X1500X1800	3300X1800X2600	3700X2000X2850	4900X2100X2850	5600X2100X2850	6100X2400X3850	10000X2400X4450
DECREMENT RATE (%)	85-90	85-90	85-90	85-90	85-90	85-90	85-90	85-90	85-90	85-90
WEIGHT (KG)	≈ 300	≈ 400	≈ 1250	≈ 1900	≈ 3600	≈ 5500	≈ 8500	≈ 9500	≈ 16500	≈ 24000

MODEL	30L	60L	100L	200L	500L	1000L	2000L	3000L	5000L	10000L		
FERMENTATION TEMPERATURE (°C)	60-80	60-80	60-80	60-80	60-80	60-80	60-80	60-80	60-80	60-80		
POWER SUPPLY	POWER SUPPLY				220V/230V OR 380V/415V			380V/415V				
	MAX POWER (H)		3.5KW	5KW	10KW	15KW	25KW	38KW	62KW	96KW	155KW	265KW
	AVERAGE POWER (H)*		1.5KW	3KW	4.5KW	6KW	12KW	20KW	36KW	50KW	80KW	150KW
MATERIAL : The default is carbon steel. If stainless steel is required, a separate inquiry is required	CONTACT PART WITH WASTE		MILD STEEL OR SUS									
	APPEARANCE		MILD STEEL WITH PAINTING OR SUS									
LOADING	MANUAL	MANUAL	MANUAL OR LIFT SYSTEM	MANUAL OR LIFT SYSTEM	LIFT SYSTEM OR CONVEYOR	LIFT SYSTEM OR CONVEYOR	LIFT SYSTEM OR CONVEYOR	LIFT SYSTEM OR CONVEYOR	LIFT SYSTEM OR/AND CONVEYOR	LIFT SYSTEM OR/AND CONVEYOR		
WATER REQUIRED FOR COOLING	COOLING FAN IS INTEGRATED, NO NEED WATER SUPPLY							COOLING TOWER IS SUPPLIED, NEED WATER SUPPLY				

# Examples of output materials



牛粪有机质  
Organic Matter of Cow  
Dung



猪粪有机质  
Organic Matter of Pig  
Manure



餐厨垃圾有机质  
Organic Matter From Food  
Waste



木屑有机质  
Sawdust Organic Matter



污泥有机质  
Organic Matter In Sludge



生物质燃料棒  
Biomass Fuel Rod

# Applications



# Contact Us



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