



Ecological Conservation and Improvement, Inc.  
**CHUBU ECOTEC CO.,LTD.**

Overseas Division / Fertilizer Division / General Affairs Department  
9FI A-PLACE KANAYAMA, 1-14-18 Kanayama, Naka-ku, Nagoya, 460-0022 Japan  
Tel: +81 52 332 5591 Fax: +81 52 332 5593



[www.ecotec-compo.com](http://www.ecotec-compo.com)



[overseas@chueco.co.jp](mailto:overseas@chueco.co.jp)



[fertilizer@chueco.co.jp](mailto:fertilizer@chueco.co.jp)

## Shake hands with the Earth



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Optimization of COMPO S-90 for the specialization of input materials!

## Compo S-Series

Full-universal type of COMPO S-90 works well input objects with wide-rang whatever high and low gravity materials. New line-ups are based on S-90 and optimized the design of high gravity for QUATTRO and low gravity for NOPPO.



COMPO S-90 QUATTRO

COMPO S-90ET

COMPO S-90 NOPPO

### ■ Main Specifications

Model	S-90 QUATTRO		S-90ET		S-90 NOPPO	
Fermentation-tank volume	69m <sup>3</sup>		86m <sup>3</sup>		102m <sup>3</sup>	
Intake bucket volume	1.5m <sup>3</sup>		1.5m <sup>3</sup>		1.5m <sup>3</sup>	
Unit weight	27.0t		30.0t		35.0t	
Power frequency	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
Upper blower	-		2.0 kW		-	
Lower blower	11.0 kW × 2	9.5 kW × 2	11.0 kW × 2	9.5 kW × 2	11.0 kW × 2	9.5 kW × 2
Hydraulic unit			7.5 kW			
Hopper motor			0.2 kW			
Intake-bucket winch motor			2.2 kW			
Exhaust blower			2.2 kW			
Heater	4.0 kW		5.0 kW		4.0 kW	
Total	38.1kW	35.1kW	41.1kW	38.5kW	38.1kW	35.1kW
Total excluding heater	34.1kW	31.1kW	36.1kW	33.5kW	34.1kW	31.1kW

Note: Power requirements of auxiliary equipment vary according to the installation method.

### ■ Typical Electricity Usage

Monthly(W Heater)	22,590.0kwh/M	20,430.0kwh/M	24,750.0kwh/M	22,878.0kwh/M	22,590.0kwh/M	20,430.0kwh/M
Monthly(W/O Heater)	19,710.0kwh/M	17,550.0kwh/M	21,150.0kwh/M	19,780.0kwh/M	19,710.0kwh/M	17,550.0kwh/M

\*Heater is necessary when intake air temperature is below 5 degree. \*Lower blower of S-90 works single or double according to the gravity of input object.

### ■ Treatment Capacity per day

Capacity	Input object	Output product	Input object	Output product	Input object	Output product
Pig (78% water content)	6.0 t	1.5 t	6.0 t	1.5 t	5.0 t	1.3 t
Poultry (60% water content)	10.6 t	6.3 t	12.0 t	7.2 t	13.7 t	8.2 t

Note: Treatment capacities may vary according to season or local.



Up-date optional equipment for KAIZEN!

## Solution of Environment

Optimized position of exhaust outlet to minimize whole exhausting system for more efficiency and less operation. Whole exhausting systems can be design for location, elevation, surroundings, climate and material of deodorize.



### Renewed Exhaust System

#### Cyclone Dust Remover

- Micro-dust canceler.
- Head space reducer.
- Heat loss protection.
- Anti-rust design.
- Semi-maintenance free.

#### Venturi Water Deodorizer

- Dissolution enhancer.
- Compact design.
- Sludge dropper.
- Anti-rust design.
- Semi-maintenance free.

#### Special Exhaust Blower

- Anti-rust design.
- Weather proof.
- Tough durability.
- High-efficiency motor.
- Produced by CHUBU ECOTEC made in Japan.





Orenburg, Russia



Alexandrov, Russia



Bilbao, Spain



Johor, Malaysia



Hanoi, Vietnam



Dong Nai, Vietnam



Eindhoven, Netherlands



Leiria, Portugal



Valuka, Bangladesh



Shizuoka, Japan



West Bengal, India



Satun, Thailand



Pattalung, Thailand



Chacheangsao, Thailand



Al Wafrah, Kuwait



Bulacan, Philippines







## COMPO S-Series produce High Quality Organic Fertilizer! Premium Organic Fertilizer

### Input object (Processing example)

\*Most of organic matter can be treat.



### Type of Fertilizer

Output Product (Premium Organic Fertilizer) is smooth powder shape. It helps beneficially yield rate for After Process.



Powder (Output Product)



Tablet (After Process)



Pellet (After Process)

N	P	K	Ca	Mg	Fe	Zn	Cu	Mn
4.0%	4.5%	3.1%	15.9%	1.2%	1,300mg/kg	320mg/kg	41mg/kg	370mg/kg

\*Above date is input object of Layer manure. The component fluctuates by the condition of input object.

Improvement of soil condition by supplying N-P-K contents, minerals, organic matter, and control pH balance.



## Company History and Trends in Machine Development



Headquarter in Japan



Main manufacture in Japan

### Organization Chart

