

*HiWave Compo*TM

MACHINE

Converting food waste into pellet organic fertilizer



3-in-1

1. Fermentation 2. Drying 3. Pelletization

INTRODUCTION

There are many “in-vessel” composting machines already in the markets. Most of the composting machines can only produce primary compost, which is not suitable to be applying directly to the plants. The primary compost needs further processing to render it to become matured compost. Normally the quality of the compost is poor, which is only suitable to be used as soil conditioner.



Many of these high rate composting machines required “enzymes” to speed up the rate of fermentation process. The cost of these enzymes is normally high.

The **HiWave Compo™** was specially developed by **Benua Sains Sdn.Bhd.** to convert food waste directly into organic fertilizer in the pellet form. The machine can perform 3 functions; fermentation, drying and palletizing. The most interesting feature of the machine is, it can convert the food waste to the pellet organic fertilizer within 7 days only!

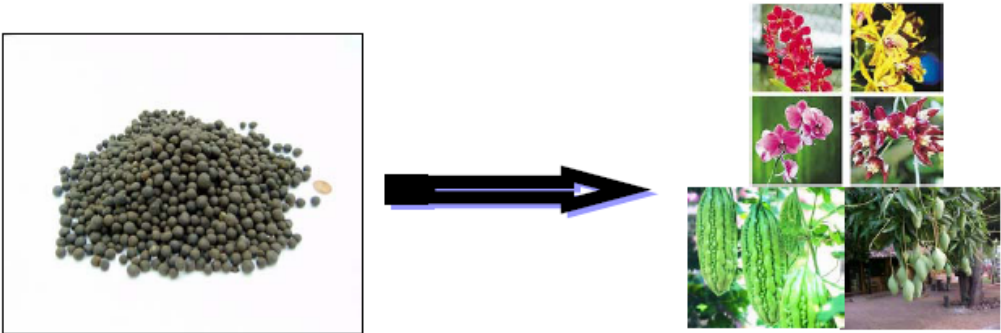


No Enzymes are required!

The HiWave Compo™ machine is fully automatic, except for the feeding and Unloading. It is very user friendly.

The quality of the pellet organic fertilizer produced by the **HiWave Compo™** is considered the best in the markets. It does not contain live wild seeds. It is easy to use and it has slow releasing property.

To invest in **HiWave Compo™** is to invest in the future. Contribution in reducing the global warming will help save the planet.



MARKETS

The **HiWave Compo™** machine can be used in the following food outlets:-

- Big restaurants/Food courts
- Hotels & resorts
- Supermarkets & shopping complexes
- Factories
- Hospitals
- Universities or residential colleges
- Military camps
- Mining camps
- Wet markets
- Golf Club

Hospital



Food Court



Shopping Complexes



Hotel



Wet Market



University



CAPACITY

* These are the common models of **HIWAVE COMPO™** Machine with the following capacity:-

Model	Capacity(kg/day)	Body Dimension (L x W x H)	Power Supply
PE/HICOM-150	150	3mx1.7mx2.2m	5Kw
PE/HICOM-300	300	3.3mx2mx2.5m	9Kw
PE/HICOM-600	600	5mx4mx2.5m	12Kw

*Specification subject to change without prior notice

CUSTOM MADE OF HIWAVE COMPO WITH DIFFERENT CAPACITIES IS AVAILABLE UPON REQUEST.

8 MAIN SALIENT FEATURES

The feeding of food waste is 7 days a week, non-stop.

Control technology is by PLC and “touch screen”.

Reactor drums and casing are made of stainless steel or epoxy coated mild steel.

Can be operated under all weather conditions.

Quality of the organic fertilizer is consistently good and in pellet form.

It is very compact in size.

The processing of the food waste into pellet organic fertilizer is fully automatic.

Competitively priced.

♦ All the contents and the specification above in this catalogue are subject to change without prior notice.
