



advaCOMPOSTER™

Future Technology in Your Hands Today...

Converts food waste into organic fertiliser granules



ALL-IN- ONE Recycling Machine

1. Fermenting 2. Drying 3. Granulation 4. Pasteurization 5. Blending



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There are many “in-vessel” composting machines already in the markets. Most of these 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 **advaCOMPOSTER™ technology** was specially developed by Benua Sains (M) Sdn. Bhd. to convert biomass directly into organic fertilizer in the pallet form. The machine can perform 5 functions; fermenting, drying palletizing, pasteurization and blending. The most interesting feature of the machine is, it can convert the biomass to the pallet organic fertilizer within 7 days only!



Food Waste



Vegetable



Fishes

No enzymes are required!




The advaCOMPOSTER™ machine is fully automatic, It is very user friendly. Mechanical feeder and shredder can be easily integrated into the machine.

The quality of the pallet organic fertilizer produced by the **advaCOMPOSTER™ machine** 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 **advaCOMPOSTER™** is to invest in the future. Contribution in reducing the global warming will help save the planet.



The type of fertilizers being produced using *advaCOMPOSTER™* are as follow: -

Type of raw material	Results
Food waste (FW)	
FW + clay	
FW + Chicken dung	
FW + Empty fruit brunch (EFB)	
FW + Soil	
FW + Sludge	
Animal dung from Zoo	
Horse dung + Saw dust + Urine	

The **advaCOMPOSTER™** machine can be located and operated in the following places:-

- Big restaurants/Food courts
- Hotels & resorts
- Supermarkets & shopping complexes
- Factories
- Hospitals
- Universities or residential colleges
- Military camps
- Mining camps
- Wet & wholesale markets
- Family & golf clubs
- Agriculture & livestock farms

Food Court



Wet Market



Shopping Complexes



Hotel



Factory



Hospital



Golf Club



Livestock Farms



CAPACITY

There are 4 standard models of *advaCOMPOSTER™* machine with the following capacity:

Model	Capacity (kg/day)	Body Dimension (L x W x H) (m)	Power Rating (KW)	Production (kg/month)
advaCOM-75	75	3 x 1.5 x 2	3	450
advaCOM-150	150	3 x 1.7 x 2.2	5	900
advaCOM-300	300	3.3 x 2 x 2.5	9	1,800
advaCOM-600	600	5 x 4 x 2.5	12	3,600

BENUA SAINS (M) Sdn. Bhd. also can manufacture *advaCOMPOSTER™* machine with larger capacity as shown in example below: -



This is a 1.5 tons per day capacity of *advaCOMPOSTER™* machine to treat vegetable waste at the Wholesale Market.



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 pallet form.

It is very compact in size.

The processing of biomass into pallet organic fertilizer is fully automatic.

Competitively priced.

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

Please do not hesitate to contact us:



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