

Mesophilic Stage:

The bacteria, fungi and protozoa initiate oxidation utilizing the air circulation through side air vents. Majority of the organic waste is decomposed. Pathogens, weed and phytotoxins are eliminated. The by-products of the composting process are leachate, carbon dioxide, and heat.

Thermophilic Stage

The remaining portion of organic material in humic substances is converted via humification to improve the quality of compost.

Maturation Stage

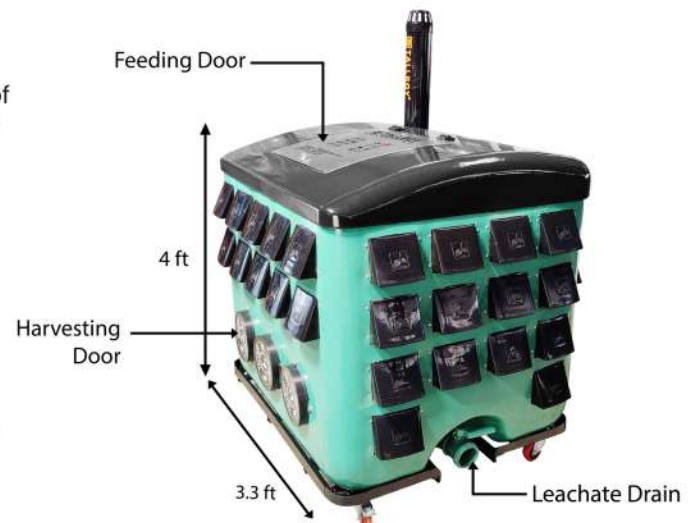
The microbial activity decreases temperature declines. Cold compost is ready to use for plants.

TALLBOY® Composting Bins



Why should you choose TALLBOY® Composting Bio Bins?

1. Good Ventilation
2. Good Drainage
3. Non Electric
4. Mobile



PRODUCT FEATURE	RESULTING BENEFIT/S
Built in curing	Hassle free composting, no manual intervention to cure the innards of the bin
Wheel base	Heavy duty, industrial grade wheel base allows for easy relocation
Dump Daily, Harvest Daily	Daily feed-daily harvest (30%), dump as it is. Add a layer of food/garden waste and on top a layer of old harvested compost.
Fermentation	No foul odour, No flies, Natural Composting due to inhale/exhale and natural draft, facilitating, completely aerobic digestion



+91

☎ 901 903 4000

📞 70199 92090 (Business Whatsapp)

✉ sales@riteways.org

📍 3GGH+7V Bengaluru, Karnataka



NGT Evaluated

RITEWAYS ENVIRO PRIVATE LIMITED

manufacturers of TALLBOY® Composters rejuWATER® STPs & veggyTERRACE® Home Farms





Demo
Video



+91

901 903 4000

70199 92090 (Business Whatsapp)

sales@riteways.org

3GGH+7V Bengaluru, Karnataka



TALLBOY® OWC

Organic Waste Converter

Choose from a wide range of options, depending on your need and space availability.



**Home
Composting Bin**

5 Kg/day

2ft dia x 3ft high



**Garden
Composting Bin**

5 Kg/day

2ft dia x 3ft high



**Community
Composting Bin**

25 Kg/day

1.1m long x 1.3m
wide x 1.2m high



**Tower Food
Composting Bin**

50 Kg/day

1.1m long x 1.3m
wide x 2.2m high



**Tower Garden
Composting Bin**

50 Kg/day

1.1m long x 1.3m
wide x 2.2m high



Easy to use:

Comes with top hinged lid and bottom harvesting doors for easy removal. Feed the bin from the top till it gets completely filled up and start harvesting from bottom once it's full.

Applications:

- Garden waste
- Flower waste
- Food waste
- STP sludge
- Farm waste

Our clientele:

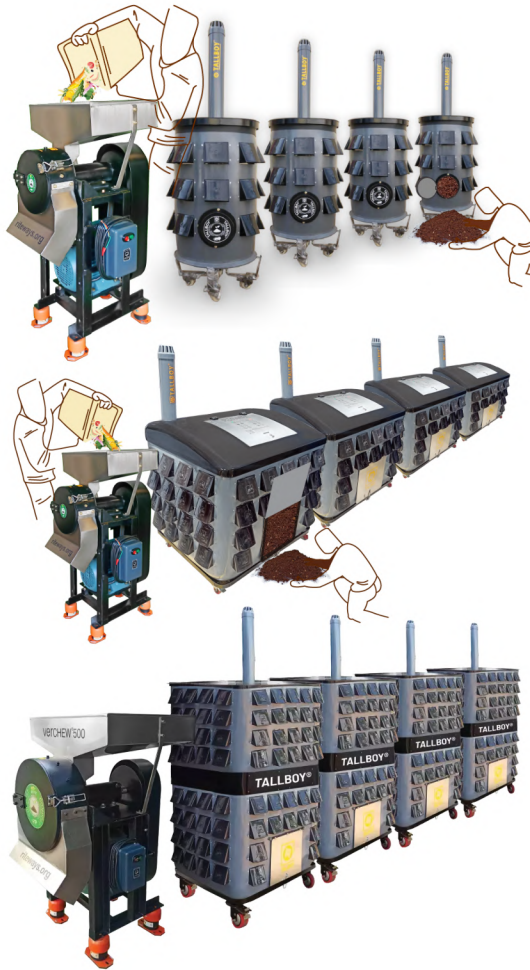
- Builders, Resident Welfare & Apartment Owner's Associations
- Schools, Colleges & Universities
- Restaurants, Hotels, Malls, Clubs & Resorts
- Hospitals, Nursing Homes & Old Age Homes
- Ashrams, Places of Worship
- Factory & Corporate offices
- Labour Camps
- Tollways

Dealer:

RITEWAYS ENVIRO PRIVATE LIMITED

manufacturers of TALLBOY® Composters rejuWATER® STPs & veggyTERRACE® Home Farms





TALLBOY® OWC

Organic Waste Converter



What good is a machine that either generates compost-like roasted powder or compost that is only partially done and needs to be finished by curing it outside the machinery. Compost is a valuable resource recovery, choose your composter wisely.

Answers to below three questions are important to make the right choice of composting equipment:

- What is the cost/Kg of compost produced?
- Is there a heater inside?
- Is the shredder built-in or external?

TALLBOY® Semi-Automatic Composters (50 to 3000 Kg/day)

PULVERIZER: These are high speed fine grinding machines available in speed range 50, 200 & 500 Kg/hr. All daily organic waste is first pulverized in these machines at one go and then distributed equally in to all the BioBins. Machine variants are, verCHEW® (V50)-50 Kg/hr, verCHEW® (V200)-200 Kg/hr, verCHEW® (V500)-500 Kg/hr.

TALLBOY® BioBins: These are natural composting bins that are designed for fermentative decomposition without using electricity. Feed rates (pulverized waste) are: **TBB 400** - 25 Kg/day, **TBB 1500** - 125 Kg/day, **TTB 1500** - 250 Kg/day

Our clientele:

- Builders, Resident Welfare & Apartment Owner's Associations
- Schools, Colleges & Universities
- Restaurants, Hotels, Malls, Clubs & Resorts
- Hospitals, Nursing Homes & Old Age Homes
- Ashrams, Places of Worship
- Factory & Corporate offices
- Labour Camps

INPUT:

kitchen waste (veg/non veg), garden waste, pizza boxes, paper plates & cups, areca plates/cutlery

OUTPUT:

highly nutritious, earthy smell, ready to use, cold and matured compost

Features & Benefits:

- Comes with industrial grade castor wheels for easy movement and relocation.
- Space saving design makes it fit in to tight spaces.
- Pulverizer is a high speed fine grinder which enables quick decomposition in BioBins.
- Simple mechanism enables high reliability and Robust design enables almost nil maintenance and uninterrupted workflow.



Demo Video



NGT Evaluated

Dealer:

RITEWAYS ENVIRO PRIVATE LIMITED

manufacturers of TALLBOY® Composters rejuWATER® STPs & veggyTERRACE® Home Farms





Mesophilic Stage:

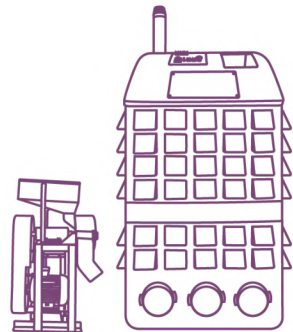
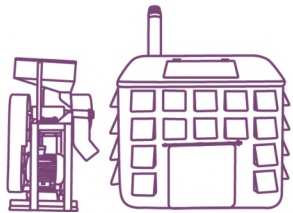
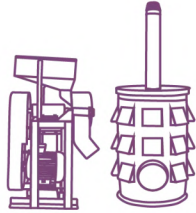
The bacteria, fungi and protozoa initiate oxidation utilizing the air circulation through side air vents. Majority of the organic waste is decomposed. Pathogens, weed and phytotoxins are eliminated. The by-products of the composting process are leachate, carbon dioxide, and heat.

Thermophilic Stage

The remaining portion of organic material in humic substances is converted via humification to improve the quality of compost.

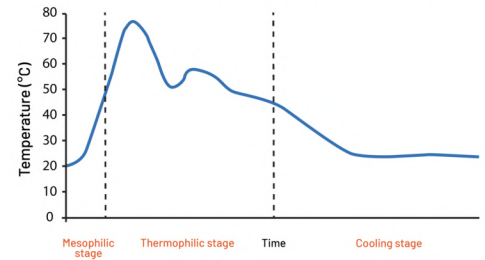
Maturation Stage

The microbial activity decreases temperature declines. Cold compost is ready to use for plants.



TALLBOY® OWC

Organic Waste Converter



OWC (Model)	CAPACITY (Kg/day)	PULVERIZER (Kg/hr)	BioBins (Nos.)
PV50	50	50	2
PV75	75	50	3
PV100	100	50	4
PV125	125	200	1
PV250	250	200	2
PV375	375	200	3
PV500	500	200	4
PV625	625	200	5
PV750	750	200	6
PV1000	1000	500	8
PV1250	1250	500	10
PV1500	1500	500	12
PT250	250	500	1
PT500	500	500	2
PT750	750	500	3
PT1000	1000	500	4
PT1250	1250	500	5
PT1500	1500	500	6
PT2000	2000	500	8
PT2500	2500	500	10
PT3000	3000	500	12

Technical Specifications:

PULVERIZER	SPEED	Approx. DIMENSIONS	RATING
V50	50 Kg/hr	(0.4L x 0.5W x 1.0H)m	3.7 kW, 3Ø, 220V AC, 4000rpm
V200	200 Kg/hr	(0.6L x 0.5W x 1.2H)m	3.7 kW, 3Ø, 220V AC, 4000rpm
V500	500 Kg/hr	(0.8L x 0.7W x 1.6H)m	5.6 kW, 3Ø, 220V AC, 4000rpm
BioBin	CAPACITY	DIMENSIONS	DRAIN VALVE
TBB 400	25 Kg/day	(0.6Ø x 1.2H)m	1" Ball Valve, Leachate
TBB 1500	125 Kg/day	(1.2L x 1.0W x 1.2H)m	2" Ball Valve, Leachate
TBB 3000	250 Kg/day	(1.2L x 1.0W x 2.2H)m	2" Ball Valve, Leachate





+91

901 903 4000

70199 92090 (Business Whatsapp)

sales@riteways.org

3GGH+7V Bengaluru, Karnataka



TALLBOY® OWC

Organic Waste Converter

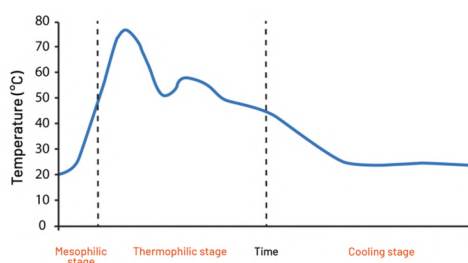


What good is a machine that either generates compost-like roasted powder or compost that is only partially done and needs to be finished by curing it outside the machinery. Compost is a valuable resource recovery, choose your composter wisely.

Answers to below three questions are important to make the right choice of composting equipment:

- What is the cost/Kg of compost produced?
- Is there a heater inside?
- Is the shredder built-in or external?

TALLBOY® Automatic Composters (50 to 1000 Kg/day)



In TALLBOY® Automatic Composters all organic waste is added from the top, and compost that is ready for use is harvested from the bottom.

It works like any other office shredder!



Demo Video



Mesophilic Stage:

The bacteria, fungi and protozoa initiate oxidation utilizing the air circulation through side air vents. Majority of the organic waste is decomposed. Pathogens, weed and phytotoxins are eliminated. The by-products of the composting process are leachate, carbon dioxide, and heat.

Thermophilic Stage

The remaining portion of organic material in humic substances is converted via humification to improve the quality of compost.

Maturation Stage

The microbial activity decreases temperature declines. Cold compost is ready to use for plants.

INPUT:

kitchen waste (veg/non veg), garden waste, pizza boxes, paper plates & cups, areca plates/cutlery

OUTPUT:

highly nutritious, earthy smell, ready to use, cold and matured compost

RITEWAYS ENVIRO PRIVATE LIMITED

manufacturers of TALLBOY® Composters rejuWATER® STPs & veggyTERRACE® Home Farms





Demo
Video



+91

901 903 4000

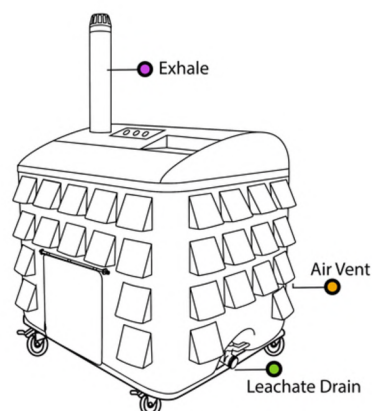
70199 92090 (Business Whatsapp)

sales@riteways.org

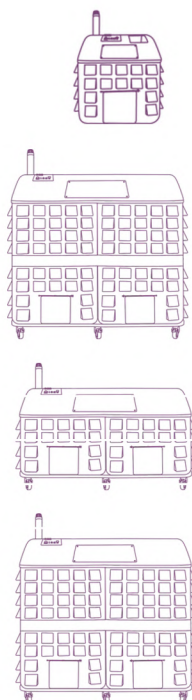
3GGH+7V Bengaluru, Karnataka

TALLBOY® OWC

Organic Waste Converter



Range



OWC (Model)	CAPACITY (Kg/day)	Dimensions (LxWxH)m	Power (units/day)	kW	Running Time (hrs)
SH50	50	1.1 x 1.3 x 1.3	0.75	1.5	½
SH75	75	1.1 x 1.3 x 1.3	1.5	1.5	1
SH100	100	1.1 x 1.3 x 1.3	1.5	1.5	0.6
SH200T	200	1.1 x 1.3 x 2.2	3.0	1.5	2
SH300T	300	1.1 x 2.4 x 2.3	1.1	2.2	½
SH400T	400	1.1 x 2.4 x 2.3	1.6	2.2	¾
SH500T	500	1.1 x 2.4 x 2.3	2.2	2.2	1
SH200F	200	2.5 x 1.1 x 2.2	2.2	2.2	1
SH300F	300	2.5 x 1.1 x 2.2	2.7	2.2	1¼
SH400F	400	2.5 x 1.1 x 2.2	3.3	2.2	1½
SH500F	500	2.5 x 1.1 x 2.2	2.2	2.2	1
SH600	600	1.9 x 2.3 x 2.3	2.2	2.2	1
SH700	700	1.9 x 2.3 x 2.3	2.7	2.2	1¼
SH800	800	1.9 x 2.3 x 2.3	3.3	2.2	1½
SH1000	900	1.9 x 2.3 x 2.3	4.4	2.2	1

Features & Benefits:

- Comes with industrial grade castor wheels for easy movement and relocation.
- Space saving design makes it fit in to tight spaces.
- The grinder is located in the lid allowing for a large volume availability for composting.
- The Electrical Relay Logic Control Panel allows for safety controls and ejection of any stuck metal objects like spoon/fork.

Our clientele:

- Builders, Resident Welfare & Apartment Owner's Associations
- Schools, Colleges & Universities
- Restaurants, Hotels, Malls, Clubs & Resorts
- Hospitals, Nursing Homes & Old Age Homes
- Ashrams, Places of Worship
- Factory & Corporate offices
- Labour Camps

Dealer:

RITEWAYS ENVIRO PRIVATE LIMITED

manufacturers of TALLBOY® Composters rejuWATER® STPs & veggyTERRACE® Home Farms

