

# OMNIVORE COMPOSTER

## Operator's Manual



Sold by:

Distributed by:



***Composting,  
give it a  
whirl***

## ***Safety***

The Omnivore composter has safety guards and warning stickers that must be in place for safe operation.

Make sure that loading and unloading door are closed and latched properly before starting compost cycle.

## ***The Composting Process***

Four key elements are important in order to make the composting process successful.

- Carbon/Nitrogen (C/N) Ratio

The deadstock will bring the Nitrogen to the mix, shavings (or chopped straw) need to be added as a Carbon source. The shavings will also absorb moisture and odors.

- Moisture

A well maintained composting process does not need additional water. The moisture needed will come from the deadstock. Extra shavings can be used to dry the mix up if the moisture content is to high.

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- Oxygen

Fresh air, needed for a good composting process, will get into the drum when opening the loading door to add deadstock into the Omnivore composter, and through the added air vents for larger models. Frequently rotating will make sure that the mix stays fluffy and that air gets where it is needed.

- Heat

When the elements above are well maintained, the insulated drum will keep the heat that is created during the composting process inside the composter. No additional heat is needed. Maintain a temperature between 100° F and 140° F if possible, using C/N Ratio, Moisture Content and Oxygen as tools to achieve the best temperature.



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## ***Loading***

Wait until the loading door is on the top (rest position) then turn the power off, open the loading door fully and the composter is ready to receive product.

**Tip:** To level off compost in the drum, let the door go past the rest position (about 1/8 turn) and reverse drum until door is back in rest position. Turn power off and unit is ready for loading.

Add shavings to the composter first, load deadstock, then add more shavings. Instead of adding shavings only, a mixture of compost or manure with a minimum of 50% of shavings can be used.

**Important:** Do not load drum more than 2/3 to ensure proper mixing.

After loading, close the loading door and ensure that latch on loading door is locked properly.

Turn power on to mix the batch.

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## ***Unloading***

Wait until the loading door is on the top (rest position), then turn the power off.

At the back of the unit, take the safety pin out of the holder, located at the top of the unloading door.

Open loading door completely and put safety pin in place to hold door open.

Composter can now be switched on to start discharging.

Discharge the desired amount and turn unit off when unloading door is up, hold unloading door and take safety pin out.

Close and ensure unloading door is locked properly.

Put safety pin back in holder located on top of unloading door.



## **Maintenance**

- Grease drum support wheels, drive sprocket and drive-ring quarterly.
- Oil door hinges and spring loaded latches every month.

**Warranty** from date of delivery:  
(See Warranty Disclaimer)

- 1 year on moving parts and electronics.
- 3 years on structural.

## **Capacities**

	Max. Weekly		Max. Daily
4' x 5'	400 Lbs.	or	55 Lbs.
4' x 20'	1400 Lbs.	or	200 Lbs.
4' x 30'	2450 Lbs.	or	350 Lbs.
4' x 40'	3500 Lbs.	or	500 Lbs.

Daily load capacity can be exceeded as long as load does not go beyond weekly capacity in any 7-day period.



## ***Warranty Disclaimer***

This Limited Warranty applies to physical goods, and only for physical goods purchased from Smart Ag Solutions Inc.

### **What does this Limited Warranty cover?**

This Limited Warranty covers any defects in material or workmanship under normal use during the Warranty Period.

During the Warranty Period, Smart Ag Solutions Inc. will repair or replace, at no charge, returned products or parts of a product that proves defective because of improper material or workmanship under normal use and maintenance.

### **What will we do to correct problems?**

Smart Ag Solutions will supply replacement parts at no charge, using new or refurbished parts.

### **How long does the coverage last?**

The Warranty Period for Physical Goods purchased from Smart Ag Solutions is 3 years on structural and 1 year on electrical parts and moving parts from the date of delivery.

A replacement Physical Good or part assumes the remaining Warranty of the original Physical Good.

### **What does this Limited Warranty NOT cover?**

This Limited Warranty does not cover any problem that is caused by:

Conditions, malfunctions or damage not resulting from defects in material, workmanship or improper use, including overloading.