



Model no.  
**ACT OWC 500**

Product Description  
**Organic Waste Composter**

Origin  
**India**

### SPECIFICATIONS

|                                     |  |
|-------------------------------------|--|
| <b>Function</b>                     | Converts Food waste or organic waste upto 500 kg to compost by following a completely natural process.<br>Feed: 80% wet waste + 20 % dry garden waste + Microbion OCX 50 bacteria  |
| <b>Form</b>                         | Dimension: 4400 L x 1750 W x 2250 H (mm)<br>Installation space requirement: 5600 L x 3350 W x 4250 H (mm)  |
| <b>Performance</b>                  | Organic waste upto 500 kg per day  |
| <b>Construction</b>                 | <ul style="list-style-type: none"> <li>- SS 304 all the waste contact parts – chamber and mixing blades</li> <li>- SS 304 / MS Powder Coated Outer Body</li> </ul>   |
| <b>Engineering / MEP Ratings</b>    | <ul style="list-style-type: none"> <li>- Chamber volume: 5.34 m<sup>3</sup></li> <li>- Rotating Blade Planetary Gear Box: 7.5 HP</li> <li>- Air blowers 2 nos.: 2 HP</li> <li>- Kitchen Waste Shredder 5 HP</li> <li>- Electrical Load Requirement: 3 phase 4 wire 415V</li> <li>- Feed: 80% wet waste + 20 % dry waste + Microbion OCX 50 bacteria</li> <li>- Drain connection for the leachate overflow</li> <li>- Machine Weight: 2000 kgs</li> </ul> |
| <b>Operation</b>                    | <ul style="list-style-type: none"> <li>- 500 kgs of organic waste is fed to the machine daily along with the 250 grams of Microbion OCX 50 Bacteria</li> <li>- Rotating blades thoroughly mixes the waste and air blowers provide oxygen to the bacteria</li> <li>- Process continues for 15 days. And after 15 days, compost can be removed from the doors provided</li> </ul>  |
| <b>Accessories/ Safety Features</b> | <ul style="list-style-type: none"> <li>- PLC control panel with digital display</li> <li>- In-built Kitchen Waste Shredder 3 HP</li> <li>- Odourous gas scrubbers</li> <li>- Leachate Collection tank</li> </ul>   |