

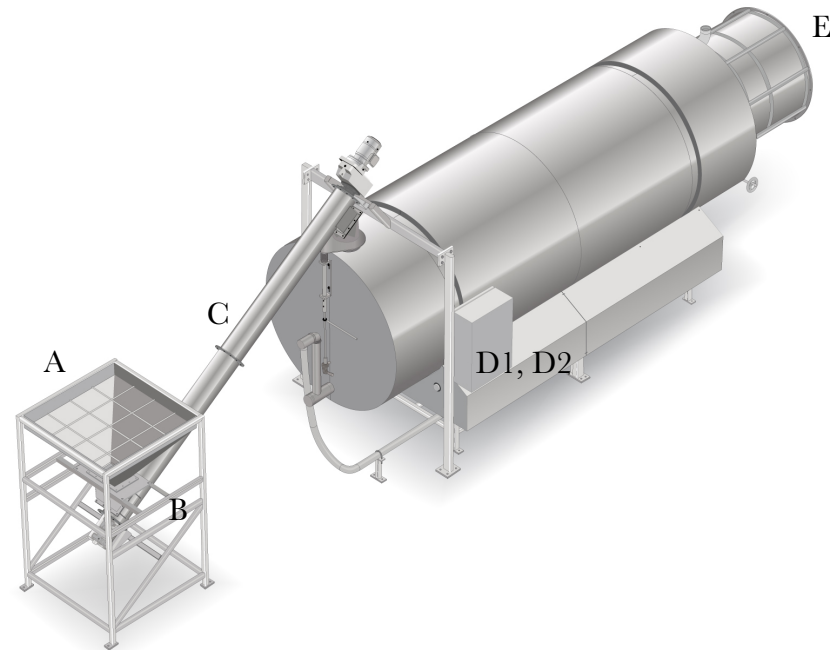


FOR
SOLUTIONS
FOOD • ORGANICS • RECYCLING

| Model | Materials Accepted | Processing Capacity | Energy* | Estimated Annual Energy Use | System Footprint (approximate) |
|-------|---|--|-------------------------|-----------------------------|--|
| 500 | All discarded uneaten food including raw and cooked meat, produce, dairy, bones and shells, napkins and/or paper towels, compostable plates, etc. | 2,500 lbs. (1,133 kg)/week <ul style="list-style-type: none"> • 500 lbs. (227 kg)/day if loading 5 days/week • 350 lbs. (159 kg)/day if loading 7 days/week | 240V or 480V 3 phase | 6,000 – 8,500 kWhrs | 26' L x 6' W x 11' H (8m L x 1.5m W x 3.4m H) |
| 1000 | All discarded uneaten food including raw and cooked meat, produce, dairy, bones and shells, napkins and/or paper towels, compostable plates, etc. | 5,000 lbs. (2,267 kg)/week <ul style="list-style-type: none"> • 1,000 lbs. (454 kg)/day if loading 5 days/week • 700 lbs. (318 kg)/day if loading 7 days/week | 240V or 480V 3 phase | 8,200 – 11,500 kWhrs | 30' L x 8' W x 13' H (9m L x 2m W x 4m H) |
| 2000 | All discarded uneaten food including raw and cooked meat, produce, dairy, bones and shells, napkins and/or paper towels, compostable plates, etc. | 10,000 lbs. (4,536 kg)/week <ul style="list-style-type: none"> • 2,000 lbs. (907 kg)/day if loading 5 days/week • 1,400 lbs. 635 kg)/day if loading 7 days/week | 240V or 480V 3 phase | 9,200 – 13,000 kWhrs | 36' L x 8' W x 13' H (11m L x 2m W x 4m H) |
| 4000 | All discarded uneaten food including raw and cooked meat, produce, dairy, bones and shells, napkins and/or paper towels, compostable plates, etc. | 20,000 lbs. (9,072 kg)/week <ul style="list-style-type: none"> • 4,000 lbs. (1,814 kg)/day if loading 5 days/week • 2,800 lbs. (1,270 kg)/day if loading 7 days/week | 240V or 480V 3 phase | 9,400 – 14,250 kWhrs | 39' L x 10' W x 15' H (12m L x 2.7m W x 4.6m H) |
| 8000 | All discarded uneaten food including raw and cooked meat, produce, dairy, bones and shells, napkins and/or paper towels, compostable plates, etc. | 40,000 lbs. (18,144 kg)/week <ul style="list-style-type: none"> • 8,000 lbs. (3,629 kg)/day if loading 5 days/week • 5,600 lbs. (2,540 kg)/day if loading 7 days/week | 240V or 480V 3 phase | 13,750 – 19,250 kWhrs | 57' L x 10' W x 15' H (17.4m L x 2.7m W x 4.6m H) |

*other voltages possible

FOR Solutions Patented Aerobic In-Vessel Rotary Drum Composting Process



- A: Weighed discarded uneaten food and weighed bulking agent/carbon source (BA/CS) placed into shredder hopper
- B: Discarded uneaten food and BA/CS (feedstock) volume reduced by shredder
- C: Enclosed screw auger conveys feedstock from the shredder discharge to the input port of the digestion vessel
- D: In a 5-day through-process, feedstock is transformed into nutrient-dense compost
 - D1: Process control panel assures that vessel rotates on a prescribed timing
 - D2: Process control panel assures that vessel receives enforced aeration on a prescribed timing and of a prescribed volume
- E: Compost is discharged from the vessel through a screener attached immediately adjacent to the digestion vessel discharge port