



## DATA SHEET AND PRICE

### ON-SITE FOOD WASTE REDUCTION TECHNOLOGY YIELDING HIGH QUALITY COMPOST

**Model : 24-550 with built-in Shredder**

**Food Waste to COMPOST with 24HourCompost Technology**

Features	Specification
Waste Input Capacity per Day (lbs)	550-600
Soil Supplement Output per Day (lbs)	55-60
Length (ft)	9'
Width (ft)	4'
Height (ft)	5'
	} <b>36 sq ft footprint</b>
Weight of Machine (lbs)	2500
Power Supply Type	3 Phase - 220V - 60Hz
Power Load	11.5 kW
Shredder Motor	1.5 HP
Shredding Capacity	330 lbs per hour
Heating	Insulated Jacket Heating Pads with Fireproof Cerawool and Heat Saving Color Coating
Moisture Sensors	Auto Power Saving Mode achieving suitable moisture percentage
Temperature Sensors	External and Internal
Agitator Gear Box	1.5 HP Bonvario
Air Blower	0.5 HP
Process Time	24 Hours
Outer Shell	Stainless Steel 304 Matte Finish
Frame and Structure	Stainless Steel 304
Wet Contact Points	Stainless Steel 304
Base Trolley	Color Coated Mild Steel with Caster Wheels
Safety Features	Auto shut off if secondary inlet or outlet is opened in power mode, Alarm in case of coupling delinking, Emergency switch
Control Panel	PLC based of Delta/Selec/Same Quality Model. Optional Internet Monitoring System.
HMI	4 inch Touchscreen
MFG Warranty on all parts	1 year with an 2 year extended option
Shipping ETA	45 to 60 days upon order confirmation
<b>Price USD</b>	<b>\$46,200.00 + tax</b> (Price includes shipping, intallation, training and testing)

Parameter Name	Method Used*	Results	Desired Range
Maturity (Solivita Respiration)	Solvita Procedure - Reported as CO2-C	204	N/A
	Solvita Procedure - Reported as NH4	8.29	N/A
pH	MR Carter 1993 & SMEWW 4500-H+B	5.51	5.5 - 7.5
Conductivity	MR Carter 1993 & SMEWW 2510 B	12.2	1.5 - 40
Total Kheldahl Nitrogen	AOAC method 2.062 - modified comprehensive	1 - 10	30 - 1
Total Organic Carbon	Based on SSSA Book, Methods of Soil Analysis, Part 3 Ch 34 SMEWW 5310 B	48,24	30 - 50
C:N Ratio	LECO Combustion Analysis	7.76:1	6 - 11
Moisture Content	Modified from Soil Sampling & Methods of Analysis	64.5	50 - 70
Available Nitrate-N	Modified from Soil Sampling & Methods of Analysis	5350	500 - up
Available Phosphorus	Modified from Soil Sampling & Methods of Analysis	598	300-600
Available Potassium	Modified from Soil Sampling & Methods of Analysis	5711	<2500
Listeria	USEPA 1680, Rapid Methods for Detection	Not Detected	Not Detected
Total Coliforms	USEPA 1680, SMEWW 9221 B	<1.8	<1.9
E. Coli	USEPA 1680, SMEWW 9221 F	Not Detected	Not Detected
Salmonella	Detection of Presumptive	Not Detected	Not Detected

Reduce 550 lbs of food waste by 90% in 24 hours using only 36 sq ft of space with the 24-550 model..... **ALL IN ONE FOOD WASTE SOLUTIONS**

