

# HUNGRY GIANT WASTE SYSTEMS

## BIO-DEHYDRATORS

Rent, Lease or Buy

Starting from \$885 pw/ up to 16,800 lbs p/week

### MODEL: HGF-2400AL

Make food waste easy to process with our bio-dehydrator. Use it as a soil amendment, send it to a compost facility, or dispose of it responsibly. Your choice!

Load your food waste into the machine where it is macerated and heated to a point where the moisture is extracted from the reactor drum. The machine then condenses the steam and discharges a clear water condensate (no total suspended solids!). The remaining dry output is 70-90% volume-reduced, inert, pathogen-free, compostable product with a variety of uses.

Our largest model- 2400lbs of food waste per cycle. Featuring externally mounted liquid cooling towers to maximize efficiency. This unit, when coupled with Bio-Grinder can handle up to 4800lbs per cycle.

Designed for food producers, large scale food distributors and processors, food banks, agriculture, multi-tenant precincts, military, marine, mining and the like. Average cycle times are 20-24 hours. Single button operation, and fully automated loading. Loading can be integrated with our dewatering units or you can load with the bin lifter.



MODEL	HGF-2400AL
Cycle Times/Full Load (capacity per cycle)**	1 Cycle 2400lbs/1090kg 18-22hrs
Possible Cycles Per Day**	1
Approximate Capacity per day (full 24 hours) **	2400lbs/1088kg
<b>NOTE: CYCLE TIME WILL VARY FROM LOAD TO LOAD DEPENDING ON THE MOISTURE CONTENT OF THE FOOD WASTE</b>	
Depth	66.61in/1692mm
Length/Width	87.95in/2234mm
Length/Width W/Lift	106.3in/2763mm
Height	73.38in/1864mm
Height W/Lift	76.41in/1941mm
External Condenser Size (L x W x H)	3.81ft/1160mm x 2.26ft/690mm x 3.51ft/1070mm
Drum Volume	484.23gal/1833Liters
Net weight of unit	3530lbs/1600kg
CFM output radiator	4624.3CFM = 131CMM
Delta T	86F/30c
BTU/hr = 1.08 x CFM x ΔT	429505
Converted to kW	125.9

Note: figures may vary due to psychrometrics as air density (height above sea level), air temperature, humidity etc.

Note: Specifications of all models may be changed without prior notice

\*\* ML designates "Manual Load" \*\*AL designates "Automatic Load"

\*\* Approximate capacity daily and capacity per cycle is a range and not to be construed as an exact calculation as the bio reactor drums are a fixed volume, but density and moisture content of food waste varies.

\*\* If food waste is pulped and dewatered, processing times will improve and increase daily capacity of units.

\*\* 1CMM = 1CFM \* 35.3 / 1CMM = 35.3CFM

<b>CAPACITY:</b>	<b>2400lb/1088kg</b> (per cycle)
<b>LENGTH:</b>	88in/2234mm
<b>DEPTH:</b>	67in/1692mm
<b>HEIGHT:</b>	73.38in/1864mm
<b>CYCLE TIME:</b>	18-22 hours

\*Rental is approximate, with 10% balloon, over 60 months. Excludes delivery, installation, training, optional extras, for those WAC. Third party equipment financiers will assess credit risk. Figures may vary.

HUNGRY GIANT WASTE SYSTEMS LLC

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