

/ BIODIGESTING

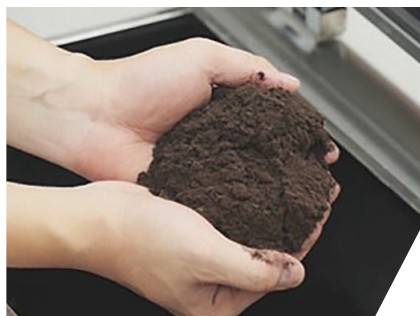
Harp Renewables CX-5

WATERLESS AEROBIC BIODIGESTER



MASTER DISTRIBUTOR OF HARP RENEWABLES

Be a part of the circular economy by turning your food waste back into soil.

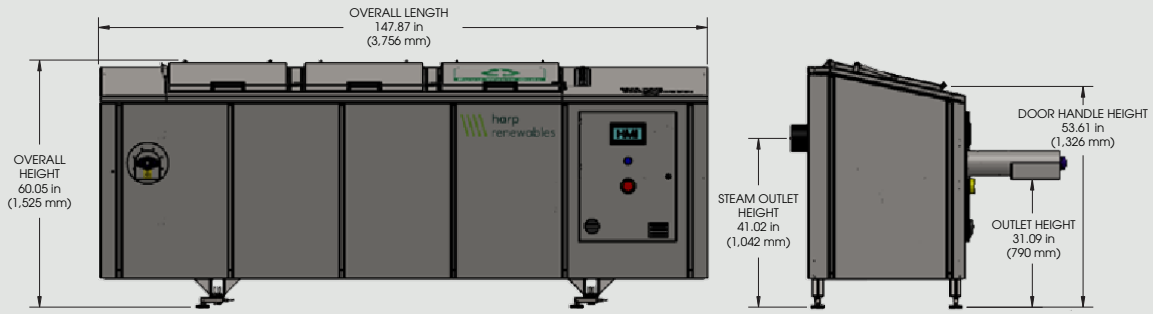


This on-site, continuous-feed biodigester converts food waste into a nutrient-rich soil amendment in 24 hours, without water.

/ QUICK STATS

- Process food waste, including meat, shells and bones. BPI certified products can be accepted
- Material is heated to 160° F to kill pathogens and toxins, while enzymes, rotation, and airflow create optimal decomposition
- Produce a stable, nutrient-rich, high-value amendment for compost or soil for optimized plant growth

We reserve the right to make technical changes due to ongoing development. USA2024-01



HARP RENEWABLES CX-SERIES BIODIGESTERS / Technical Specifications

Machine Model	CX-1	CX-2	CX-5	CX-10	CX-20	CX-50
Power						
Electric Input:	3-Phase + Neutral	3-Phase + Neutral	3-Phase + Neutral	3-Phase + Neutral	3-Phase + Neutral	3-Phase + Neutral
Voltage:	208 or 240V	208 or 240V	208 or 240V (or 480V)	480V	480V	480V
Current:	16A	16A	25A (or 63A)	40A	63A	160A
Proportion						
System Footprint (LxWxH):	51" x 43" x 47" (1.3 x 1.1 x 1.2 m)	75" x 51" x 47" (1.9 x 1.3 x 1.2 m)	147" x 67" x 59" (3.7 x 1.7 x 1.5 m)	197" x 70" x 74" (5 x 1.78 x 1.88 m)	225" x 87" x 85" (5.7 x 2.2 x 2.15 m)	315" x 205" x 98" (5.7 x 2.2 x 2.15 m)
Performance						
Max. Daily Input Volume	~38 gal (142 liters)	~75 gal (285 liters)	~189 gal (714 liters)	~377 gal (1,428 liters)	~755 gal (2,857 liters)	~1,887 gal (7,143 liters)
Max. Daily Input Weight	~157 lbs (71 kg)	~315 lbs (143 kg)	~787 lbs (357 kg)	~1,574 lbs (714 kg)	~3,150 lbs (1,429 kg)	~7,875 lbs (3,572 kg)
Monthly Input Capacity ¹	4,762 lbs (2,160 kg)	9,546 lbs (4,330 kg)	23,810 lbs (10,800 kg)	47,840 lbs (21,700 kg)	95,460 lbs (43,300 kg)	238,761 lbs (108,300 kg)
Monthly Bioproduct Production ²	1,433 lbs (650 kg)	2,866 lbs (1,300 kg)	7,165 lbs (3,250 kg)	14,330 lbs (6,500 kg)	28,660 lbs (13,300 kg)	71,650 lbs (32,500 kg)

¹ 30-day month ² Assumes 75% waste conversion; 25% end bioproduct material by weight.

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CONSTRUCTION AND DEMOLITION (C&D)



MUNICIPAL SOLID WASTE (MSW)



ORGANICS AND FOOD WASTE



SINGLE-STREAM RECYCLING



Scan to see the CX-5 in action >

