ECOVERSE

TIGER DEPACK

depackaging systems

On a single, small stationary footprint, Tiger Depack Systems separate organic waste from inorganic packaging, converting food waste into cashflow. In a single pass, the Tiger can feed, separate, process and extract organics into a wet or dry output.

HS-55


HS-90

HS-30

A COMPACT AND COST-EFFECTIVE SOLUTION

Capitalize on the food waste boom.

Tiger Depack Systems separate organic waste from inorganic packaging, converting food waste into cashflow, all on a small, stationary footprint. In a single pass, the Tiger can feed, separate, process, and extract organics into a wet or dry output.

From food waste to organic gold.

The Tiger Depack changes between a wet or dry organic recovery system with a simple flip of a switch. This flexibility makes it ideal for processing bulk commercial waste, pre- or post-consumer food waste, or institutional food disposal. The output created is perfect for composting, animal feed or as feedstock in anaerobic digestion production.

Inorganic fractions are separated from the final organic discharge to ensure a high-quality, clean product. These inorganic materials are also cleaned and prepared for recycling or repurposing, generating plastic, cardboard, aluminum or metal for additional value.

Water is not required by the Tiger Depack System, but it can be added in programmable amounts to achieve a desired organic moisture content. This allows anaerobic digestion facilities to have a specific amount of total solids in the discharged organics, or compost facilities to manage moisture content of their source material directly from the Tiger Depack. Because the machine does not require water, animal feed companies that need completely dry feedstock will minimize post-processing energy costs.

Recover costs. Maintain compliance.

More businesses, institutions and municipalities are recognizing the benefits of in-house organics processing. Now they can transform expenses into revenue by integrating the Tiger Depack System into their own waste management business model.

Regulations are constantly increasing and landfill diversion strategies are becoming mandated. In the search for solutions, the Tiger Depack System delivers an easy, efficient and cost-effective solution for managing multiple volumes of food and organic waste on a compact footprint.

INNOVATIVE FEATURES ON TIGER DEPACK SYSTEMS


Feed, separate, process and extract organic and inorganic material in a single pass.


An auxiliary feed auger eliminates product bridging by reversing at programmable timed intervals.


Fully integrated unit requires only a small, compact footprint to fit in most workspaces.


Stainless-steel construction ensures cleanliness, low maintenance, no rust and a long life span.


A high-speed vertical mill with bolt-on paddles extracts organics via centrifugal force.


Instantly change between wet or dry organic discharge with programmable water content.

TIGER MODELS AND SPECS

	HS 30	HS 55	HS 90
DIMENSIONS			
TOTAL LENGTH	18′ 4″	24′	26′
TOTAL WIDTH	6′ 6″	8′	8′
HOPPER HEIGHT	9′	10′ 6″	10′ 6″
TOTAL HEIGHT	12′ 8″	13′ 6″	13′ 6″
TONNAGE			
HOPPER CAPACITY	2 yds^3	7 yds^3	7 yds^3
TONS PER HOUR	up to 10	up to 20	up to 40
POWER			
MILL MOTOR	30 kW	55 kW	90 kW
FEED MOTOR	4 kW	7.5 kW	11 kW
EXTRACTION MOTOR	3 kW	3 kW	5.5 kW
FEED AUGER	4 kW	7.5 kW	11 kW
AUXILIRY AUGER	4 kW	4 kW	4 kW
VERTICAL MILL	30 kW	55 kW	90 kW
PACKING AUGER	3 kW	3 kW	5.5 kW
PUMP[1]	11 kW	11 kW	11 kW
ORGANIC AUGER 1	5.5 kW	5.5 kW	5.5 kW
ORGANIC AUGER 2[2]	5.5 kW	5.5 kW	5.5 kW
DUAL DISCHARGE TOTAL	63 kW (83hp)	91.5 kW (122hp)	132.5 kW (178hp)
WET DISCHARGE TOTAL	57.5 kW (76hp)	86 kW (114hp)	127 kW (170hp)
DRY DISCHARGE TOTAL	52 kW (69hp)	80.5 kW (107hp)	121.5 kW (163hp)

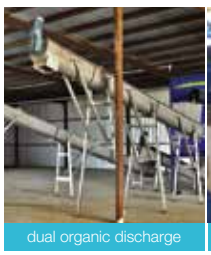
[1] pump is not engaged in dry discharge mode
[2] organic auger 2 is not engaged in wet discharge mode

AVAILABLE OPTIONS


easy access


dry organic discharge


wet organic discharge


dual organic discharge


conveyors and auger


paper pulp recovery


system integration


small footprint

TIGER DEPACK

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