INNOVATIVE DEPACKAGER AND FOOD WASTE PROCESSOR

TIGER DEPACK
PACKAGING AND CONTENT RECOVERY SOLUTION

TIGER DEPACKAGING SYSTEM
CAPITALIZE ON THE FOOD WASTE BOOM
This multi-billion dollar industry is on the rise.

The value of organic waste is skyrocketing as compost and bioenergy production increases, creating a higher demand for source material. Food waste is the last major source of unrecovered organics. The Tiger Depackaging System allows companies to feed, separate, process and extract organics in one machine to recover value from discarded and expired food.

In a compact footprint, the Tiger functions as either a wet or dry organic recovery system, can process bulk commercial waste, manage pre- or post-consumer food waste, and extract food waste from paper, plastic, cardboard or metal packaging. Inorganic fractions are also cleaned, separated and recovered for additional repurposing value.

RECOVER COSTS. MAINTAIN COMPLIANCE.
Reach zero waste goals while conforming with regulatory diversion requirements.

More businesses, institutions and municipalities are recognizing the benefits of in-house organics processing. They now have the ability to transform expenses into revenue by integrating the Tiger Depackaging System into their own waste management strategies.

Regulations are increasing and the need to create landfill diversion strategies are becoming mandated. In the search for solutions, the Tiger Depackaging System delivers an easy, efficient and cost-effective solution for managing multiple volumes of food and organic waste.

THE MOST PROFITABLE MACHINE A COMPANY CAN OWN
Designed to quickly extract organics from packaging, or process high volumes of pre- or post-consumer food waste, the Tiger recovers value from both organic and inorganic fractions.

COMPACT AND COST-EFFECTIVE
The Tiger is a fully integrated unit enabling users to feed, separate, process and extract all in one machine while occupying a very small footprint.
WHO NEEDS A TIGER?

Inorganic Material

<table>
<thead>
<tr>
<th></th>
<th>WITHOUT TIGER</th>
<th>WITH TIGER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum metal recovered annually</td>
<td>400 tons</td>
<td>400 tons</td>
</tr>
<tr>
<td>Revenue from aluminum</td>
<td>$228,000 ($2.285/lb due to contaminants)</td>
<td>$304,000 ($3.04/lb due to higher purity)</td>
</tr>
<tr>
<td>Plastics recovered annually</td>
<td>none</td>
<td>300 tons</td>
</tr>
<tr>
<td>Revenue from repurposed plastic @ 350/ton</td>
<td>$0.00</td>
<td>$15,000</td>
</tr>
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</table>

Organic Material

<table>
<thead>
<tr>
<th></th>
<th>WITHOUT TIGER</th>
<th>WITH TIGER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liquids captured and diverted from disposal</td>
<td>none</td>
<td>4,950 tons</td>
</tr>
<tr>
<td>Solids captured and hauled for disposal</td>
<td>6,900 tons</td>
<td>1,650 tons</td>
</tr>
<tr>
<td>Solids disposal cost</td>
<td>$414,000 (tip @ $60/ton at landfill)</td>
<td>$123,750 (haul @ $75/ton to composter)</td>
</tr>
</tbody>
</table>

RETURN ON INVESTMENT: 1.25 YEARS
TOTAL COST SAVINGS: $381,250

EXAMPLE COST SAVINGS ANALYSIS
Based on actual account information.

MUNICIPALITIES
Achieve regulatory compliance or add an additional revenue source by acquiring the ability to feed, separate, process and extract value from food waste and other organics.

BIOGAS PRODUCERS
Wastewater treatment plants, anaerobic digestion facilities and other biogas producers increase energy potential through organic recovery with minimal contamination.

TRANSFER STATIONS
Food and other organic waste streams are increasing at transfer stations as organic landfill diversion policies are becoming mainstream, requiring on site processing capabilities.

WET PROCESSING SYSTEM

- SSO Organic Output: Organics 99.8%, Contamination 0.2%
- SSO Packaging Output: Packaging 99.0%, Organics 1.0%

DRY PROCESSING SYSTEM

- SSO Organic Output: Organics 99.3%, Contamination 0.7%
- SSO Packaging Output: Packaging 95.5%, Organics 4.5%

COMPOST FACILITIES
Produce high-end compost due to minimal contamination rates while adding an additional revenue stream through the management of organic and inorganic separation on site.

FOOD MANUFACTURERS
Manage the processing of damaged, off spec or expired products while creating a valuable revenue stream by separating organic and inorganic fractions for repurposing.

FOOD SERVICE OPERATORS
Companies and institutions with food services operations can separate organic material in their waste stream to recover value while reducing overhead costs.
Packaging material is quickly discharged with minimal contamination and ready for repurposing with no additional processing necessary.

One button, on-the-fly change between wet or dry organic discharge. Water content can be easily programmed to adjust and achieve desired levels of the user.

Regardless of the infeed product, the unique vertical mill system does not require changing equipment or components to accommodate different feedstock materials.

The integrated CAN bus operating system includes sensor monitors to enable auger speed, water flow and other machine functions to adjust to specific conditions in real time.

The large hopper allows the operator or conveyor belt to just drop and go. The durable feed equipment will not damage and is automatically controlled by load-sensing technology.

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The Tiger depackaging machine is fully integrated and requires only a small compact footprint enabling it to fit in most workspaces.

The auxiliary feed auger eliminates product bridging by utilizing its reversing action at programmable timed intervals, ensuring a continuous flow of material for processing.

The Tiger Depackaging System’s vertical mill, with its advanced separating technology, produces 99.6% contamination-free organics.

Food waste is extremely corrosive. The stainless-steel construction of the Tiger enables operating excellence, minimal maintenance, no rust and a long-life span.

The high-speed vertical mill with bolted-on paddles extracts organics via centrifugal force through a ½” or ¾” screen. This 360° functionality reduces all contamination rates.

One button, on-the-fly change between wet or dry organic discharge. Water content can be easily programmed to adjust and achieve desired levels of the user.
## PRODUCT SPECIFICATIONS

### LOW PROFILE SYSTEMS

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Hopper Height</th>
<th>Total Height</th>
<th>Hopper Yards³</th>
<th>Tons/Hour</th>
<th>Mill Motor</th>
<th>Feed Motor</th>
<th>Extract Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tiger HS 5 LP</td>
<td>16'</td>
<td>4' 6&quot;</td>
<td>3' 8&quot;</td>
<td>7' 6&quot;</td>
<td>1 or 2.6</td>
<td>0-10</td>
<td>30 kW</td>
<td>4 kW</td>
<td>2.2 kW</td>
</tr>
<tr>
<td>Tiger HS 10 LP</td>
<td>27'</td>
<td>8' 2&quot;</td>
<td>6' 6&quot;</td>
<td>13'</td>
<td>1.3 or 5.2</td>
<td>0-20</td>
<td>55 kW</td>
<td>7.5 kW</td>
<td>2.2 kW</td>
</tr>
</tbody>
</table>

### STANDARD HOPPER SYSTEMS

<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
<th>Width</th>
<th>Hopper Height</th>
<th>Total Height</th>
<th>Hopper Yards³</th>
<th>Tons/Hour</th>
<th>Mill Motor</th>
<th>Feed Motor</th>
<th>Extract Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tiger HS 5 (w/o leg extensions)</td>
<td>14' 7&quot;</td>
<td>5'</td>
<td>6'</td>
<td>8'</td>
<td>2</td>
<td>0-10</td>
<td>30 kW</td>
<td>4 kW</td>
<td>2.2 kW</td>
</tr>
<tr>
<td>Tiger HS 5</td>
<td>14' 7&quot;</td>
<td>5'</td>
<td>8'</td>
<td>10'</td>
<td>2</td>
<td>0-10</td>
<td>30 kW</td>
<td>4 kW</td>
<td>2.2 kW</td>
</tr>
<tr>
<td>Tiger HS 10</td>
<td>24'</td>
<td>8'</td>
<td>10' 6&quot;</td>
<td>13' 6&quot;</td>
<td>7</td>
<td>0-20</td>
<td>55 kW</td>
<td>7.5 kW</td>
<td>2.2 kW</td>
</tr>
<tr>
<td>Tiger HS 20</td>
<td>24'</td>
<td>8'</td>
<td>10' 6&quot;</td>
<td>13' 6&quot;</td>
<td>7</td>
<td>0-40</td>
<td>75 kW</td>
<td>11 kW</td>
<td>5.5 kW</td>
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