The VTC is the first equipment certified to ETSO C184 under ETSOA EASA.210.10044085 and FAA certified.
The vacuum trash compactor. Its design is the result of in flight services process analyses, of trash content analyses from international flights and of technical requirement collections from the key aircraft manufacturers and airlines.
The goal is to offer a product that brings significant advantages to its operators: A modern design, an important reduction of CO2 emissions and a lower operating cost of the trash compaction function.

- Less weight: 46 kg
- Energy-saving
- Less maintenance
- Effort-saving
OPERATOR BENEFITS

Vacuum Trash Compactor VTC brings major benefits to airlines (1) in term of weight savings (~45%), maintenance costs (~30%) and power consumption (~30% to ~80%). With a new design of the front panel, a waste door 800 mm above the cabin floor and a trolley to handle the trash bags, it is much more comfortable for the crew to operate the compaction of the trash. They do not have to lean forward to replace the consumable bag or to insert a waste through the trash door.

(1) : Comparison with existing product

ECONOMICAL BENEFITS

Moving to this new technology enables the operator to reduce compaction function operating costs significantly saving money on the fuel consumption, maintenance costs (online operations, workshops and spare parts stocks) and training costs (crew and technical support). As the system is plug and play and does not require any galley reinforcement, the integration non recurring cost is minimum.

SAVINGS

-45% weight saving

No galley reinforcement, integration costs are minimum

30% on maintenance costs

Less effort, easy operation

Fast ROI
46 kg

Minor change
300 VA

No Workshop
Minimum stock

Easy handling
Clean hands
TECHNOLOGICAL BREAKTHROUGH

BACKGROUND

Thanks to significant investment based upon a new patent, this system uses the vacuum to compact the trash (1).

This technology represents an advanced, scalable and proofed design that incorporates state-of-the-art predictive maintenance.

Its modular design enables to develop light weight and customized solutions to optimize the cabin space e.g. a compactor in the corners of a rear galley, a compactor in a drawer.

(1) : AERTEC patent for the aeronautical market.

MAINTENANCE

You can connect your maintenance computer to the VTC for a fast trouble shooting, to download statistics, or to perform a software update. It can be performed online without removing the VTC from its galley compartment.

OPERATING

Very easy to operate it. The crew has just to press on the start button to launch a compaction.
The following table presents key characteristics of the Airline/VIP solutions “full size” and the long range corporate Vacuum Trash Compactors.

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Full size</th>
<th>Corporate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions HxDxW</td>
<td>(Atlas) 1030 x 822 x 304</td>
<td>633 x 535 x 266</td>
</tr>
<tr>
<td>Capacity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plastic glasses</td>
<td>220</td>
<td>105</td>
</tr>
<tr>
<td>Plastic bottles 50 cl</td>
<td>90</td>
<td>40</td>
</tr>
<tr>
<td>Aluminium cans</td>
<td>74</td>
<td>35</td>
</tr>
<tr>
<td>Plastic bottles 1L</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>Juice cardboards</td>
<td>14</td>
<td>7</td>
</tr>
<tr>
<td>Miniatures</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>Electrical interface</td>
<td>115 VAC</td>
<td>28 VDC</td>
</tr>
<tr>
<td>Consumption</td>
<td>&lt; 300 VA</td>
<td>&lt; 200 W</td>
</tr>
<tr>
<td>Compaction bag</td>
<td>2 x 50 L</td>
<td>46 L</td>
</tr>
<tr>
<td>Weight</td>
<td>46 kg</td>
<td>20 kg</td>
</tr>
</tbody>
</table>

AERONAUTICAL STANDARDS

The Vacuum Trash Compactor is designed against latest aeronautical standards: DO160F, DO178 and SAE AS8057 “minimum design and performance of airplane galley insert equipment electrical / pressurized”.

Recycling of trash is possible with the Vacuum Trash Compactor if the handling, storage and disposal of the waste fulfils the Animal by-product regulations 2005.

The collection bag “consumable” is in a material also recyclable to reduce environmental impact of aircraft cabin services.