

## VACUUM TRASH COMPACTOR

### DATA SHEET

- *Less weight: 46 kg*
- *Energy-saving*
- *Less maintenance*
- *Effort-saving*



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.



## 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



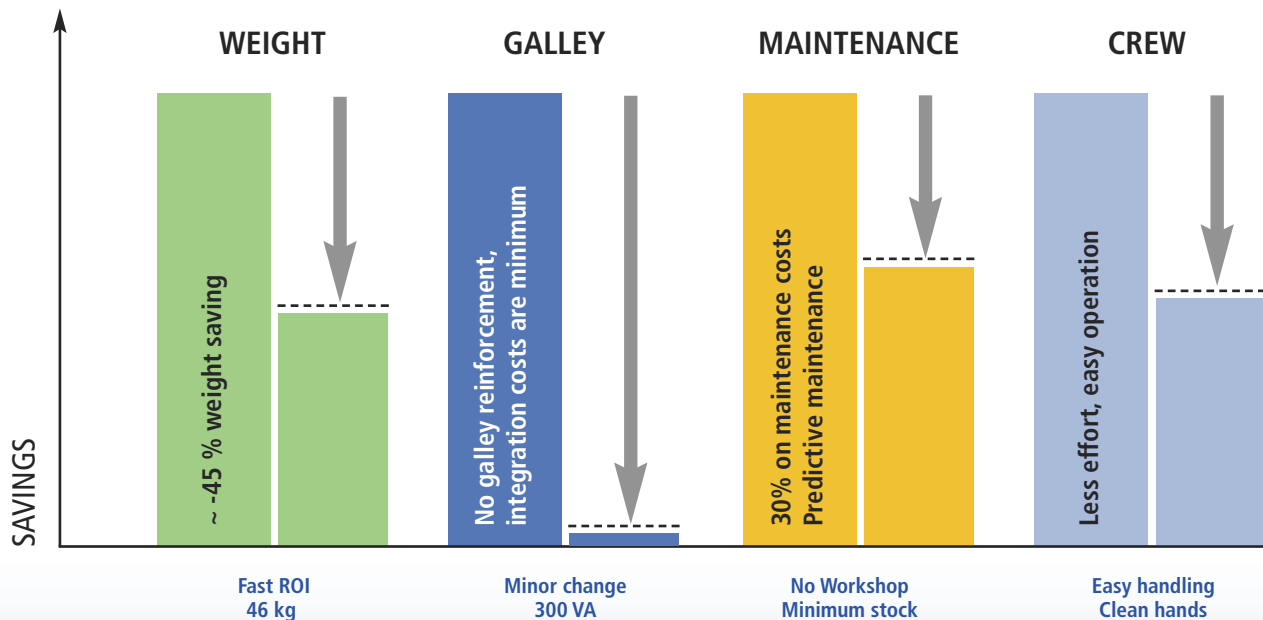
EASA & FAA CERTIFIED  
ETSO C184 CERTIFIED



The trolley includes two consumable bags, one in each vacuum bag. Once the first is full, the crew member just has to pull the trolley, turn it and push it back into the compartment.

## 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.



# TECHNOLOGICAL BREAKTHROUGH

## BACKGROUND

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

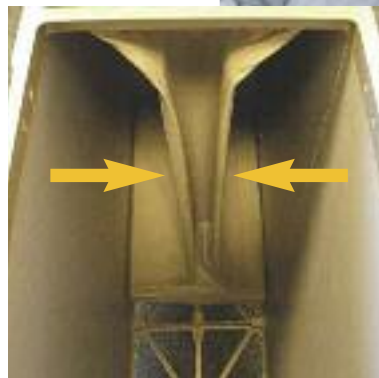
This technology represents an advanced, scalable and proofed design that incorporates state-of-the-art predictive maintenance.

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.

*Integrate your trash compactor in a drawer or in a corner of a rear galley.*

**FLYING ON 7X  
CERTIFIED 8X**

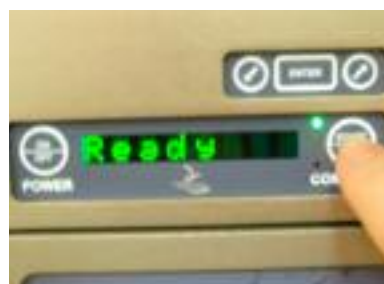


## MAINTENANCE

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.

## TECHNICAL INFORMATION

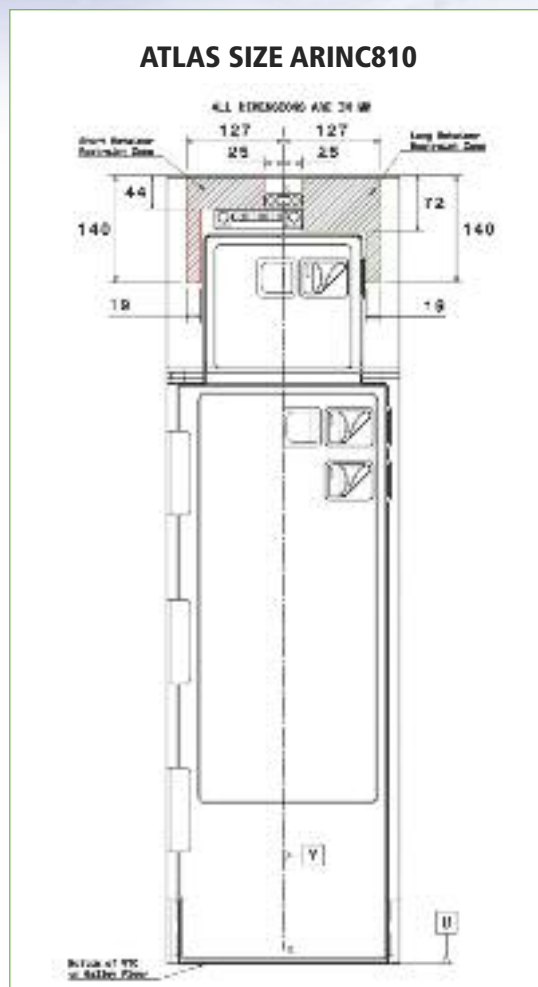
### CHARACTERISTICS

The following table presents key characteristics of the Airline/VIP solutions "full size" and the long range corporate Vacuum Trash Compactors.

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

### 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".



#### Mixed Materials For Recycling

Any combination of the following materials may be collected together by cabin crews for recycling.

- Newspaper, magazines, printer paper
- Water and soft drinks bottles
- Plastic drinks cups
- Drinks cans
- Cardboard boxes and packaging



Consumable bag

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.

