



ECOSOLUTION

TOTAL WASTE MANAGEMENT SOLUTIONS

electrify
MALDIVES

SOLID WASTE AND SLUDGE INCINERATOR

Oil sludge and garbage incinerators for the marine and offshore Industries



ATLAS
INCINERATORS 

Why incinerate?

- **No costs for discharging waste oil and garbage.**
- **Incineration at high temperatures is eco-friendly, giving the clean environment notation.**
- **No storage of waste giving odours, garbage drain water and requirement for cold storage.**

Safe and efficient incineration

The Atlas Incinerator unique three-chamber design is one of the many reasons that we easily meet the construction regulations and rigorous emission rules issued by the IMO. Extra combustion air is injected into the afterburning chambers, destroying all unburned particles. The extra air flow prevents any unburned particles or flames from escaping from the incinerator and entering the chimney. All chambers are protected by high-temperature castable lining.

Oil Sludge/Liquid Waste

The Oil Sludge Mixing Tanks are designed for comminution and agitation of the contents giving full access for: Oil sludge from separators, oil water separator, bilge water, sewage, black and grey water. No pilot fuel is required when the water content is below 50%.

Integrated system for solid waste

Our plants simultaneously incinerate solid waste and sludge oil without readjusting the plant. Our sluices are designed as double-door sluices, i.e. non back-firing sluices. Sluices are available in three sizes holding waste sacks of 30, 70 and 120 l, respectively. For offshore platforms and vessels with large volumes of solid wastes, we can supply plants for incinerating solid wastes only.

Safety and testing

Electronic monitoring includes a number of safety systems to prevent overheating, backfiring and operation-related risks, etc.

All our incinerators are function-tested and tested at peak load before delivery.

- MED (EC type Examination Certificate ensuring IMO requirements are met, issued by DNV)
- USCG Approval

and are type approved by:

- ABS
- GL
- DNV
- CCS
- RMRS
- NKK
- BV

X10 TITAN

A Real Game Changer In Incineration!



Model Data	ATLAS 600 SL WS P	X610 SL WS P
Combustion Capacity	581kW	684kW
Combustion Capacity (calorific value)	500,000kcal/h	588,000kcal/h
Combustion Capacity - Solid Waste IMO standards	100kg/h	100kg/h
Combustion Capacity - Solid Waste IMO standard with 20% water content	661/h	781/h
Combustion Capacity - Solid Waste IMO standard with 50% water content	100/h	130/h
Dimensions - L x W x H	2.5 x 1.8 x 2.4m	2 x 1.8 x 2m
Weight	5,000kg	3,500kg

GLASS CRUSHER AND COMPACTOR



MACFAB 

Glass Crusher



Features

- Reduces the frequency of daily/weekly glass bottle collections.
- Can crush a wide variety of glass bottle sizes.
- A compaction ratio of 5:1 from bottles to cullet.
- Suitable for 140L and 220L wheelie bins.
- Ideal for hotels, restaurants, pubs, nightclubs and recycling centres.
- Small footprint.
- Safe and easy to operate.

BALER DIMENSIONS

Height: 1.850 m

Width: 0.965m

Depth: 0.832 m

Weight: 315 kg

Power Supply: 220-240 Volt single phase

Motor: 1.5 kW 13 Amp

Multi Chamber Compactor



Features

Baler Features

- Saves handling time with multiple chambers: free to load while other chamber compacts.
- Multiple chambers offer an efficient way of separating different materials before bailing
- Suitable for positioning where space is limited.
- Retaining claws to reduce spring back.
- Roller guided head for ease of movement.

Optional Extras

- Additional chambers may be added. (Up to six)
- Available with 110 volts power supply.
- Bale lifting trolley.
- Galvanised finish.

BALER DIMENSIONS

Height: 2.005 m

Width: 2.005 m

Depth: 0.872 m

Weight: 562 kg

Transportation Ht: 1.969 m

Power Supply: 220 - 240 Volt 1 phase

Motor: 1.5 kW 13 Amp

Pressing Force: up to 3.5 Ton

Noise Level: 72 decibels

WASTE COMPOSTER



electrify
MALDIVES

ZWaste Composter



On-site batch or continuous food waste treatment system converting food waste into compost consisting of approximately 30 to 40% of food waste input within 24 hours.

Compost may be used in rooftop gardens, landscaping and plant-potting. The compost act as a soil enhancer improving soil structure and water retention to the top-soil.

Features

- **Daily Capacities.**
- **Rapid Conversion.**
- **Bacterial Formula.**
- **User Friendly.**



Primary Contact:

KASUN SAMARAWICKRAMA

Assistant Manager Business Development

Mobile: 766 0342 (Direct, WhatsApp)

E-mail: kasuns@etpl.lk



Further Info:

KASUN ABEYRATHNE

Assistant General Manager

Mobile: 749 2097 (Direct, WhatsApp)

E-mail: kasuna@etpl.lk

Electrify Maldives (Pvt) Ltd

Unit 5, 5th Floor, Leo Building, LOT Number 10693
(M3-60) Hulhumale, Maldives.

Contact No: +960 335 8525

E-mail: info@electrifymv.com

Web: www.electrifymv.com