



# ECO Mobile

## technical description

General: EWS' proven ECO Model was technologically re-engineered to create the ECO Mobile containerized incinerator. This innovation was designed for ease of transport, minimal assembly and immediate activation.

Formats: Available with either batch or continuous feed operation.

Controls: Main Control Panel contains motor starters, overloads and relays for all components with single-point electrical connection. Programmable Logic Controller (PLC) monitors system functions and provides automated control to the package.

Containerization: This incinerator and any supplied accessories are permanently containerized using ISO standard shipping containers in 20' or 40' lengths.

Temperatures: Primary Chamber: 1200°F-1560°F(650°C-850°C) Secondary Chamber: 1832°F(1000°C) with a minimum retention time of 2 seconds.

## technical specifications

Fuel Supply Options: diesel, fuel oil, JP8, natural gas, arctic diesel, propane and waste oil.

Power Supply: Typically 3 phase, 110/220 V, 60 Hz., other power supply options available.

External Casing/Finish: 1/4" (0.6 cm) thick mild steel, sandblasted and coated with rust inhibiting and heat resistant paint.

Internal Lining: walls and roof: 6"(15.24 cm) thick ceramic fibre modules. Floor: factory cured, 6"(15.24 cm) thick reinforced castable monolithic refractory

Burners: Electronic auto spark mechanical packaged burners with flow modulation.

Blowers: Forced air heavy-duty blowers for cooling and combustion air, with automated modulating dampers and speed control (VFD) on Secondary.

## advantages

- Rapid deployment
- Minimal field assembly required
- Single point connection for utilities
- Automated, easy to operate
- Adaptable to wide range of waste materials
- Compliance with strict environmental standards



## acceptable waste streams

- Camp Waste
- Community Waste
- Biomedical Waste
- Industrial Waste



## capacities

Models	Type	Capacity Range
ECO-M	Batch	up to 4000 kg
ECO-M-CF	Continuous	250 - 1000 kg/hr

- The ECO Mobile is available in a range of sizes to meet the specific needs of the project.
- Containerized Air Pollution Scrubbers and other features also available.

