GREEN
INCINERATORS

WASTE INCINERATOR

50 Kg/hr

Model: EcoGreen-50



INTRODUCTION

The **EcoGreen-50** Waste Incinerator, manufactured by Green Incinerators in China, is a compact, heavy-duty system with a burning capacity of up to 50 kg/hr, designed for medical, hospital, animal, industrial, and general solid waste treatment.

Featuring advanced gasification and **pyrolysis** technology, three-stage combustion (**primary**, mixing, and secondary chambers), and an integrated dry scrubber, the EcoGreen-50 supports temperatures up to **1200°C** for effective waste combustion.

Equipped with Italian oil or gas burners, refractory-lined chambers, a large loading door, and optional European electrical controls, the system also offers an optional wet scrubber and stainless steel chimney. Green Incinerators supplies reliable waste treatment solutions at competitive factory-direct prices.

KEY FEATURES

50 kg/hr Burning Capacity
Efficient and reliable waste treatment.

Advanced Gasification & Pyrolysis
Efficient thermal waste treatment.

Three-Stage Combustion System
Primary, mixing, and secondary chambers.

Integrated Dry Scrubber
Built-in smoke filtration system.

Italian Oil or Gas Burners
Reliable, high-performance combustion.

Optional European Controls
Including Siemens components.

Large Waste-Loading Door
Easy and convenient manual feeding.

Optional Wet Scrubber
Additional flue gas treatment.

Optional Stainless Steel Chimney
Enhanced durability and corrosion resistance.



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EcoGreen-50 | Waste Incinerator 50 Kg/hr

APPLICATIONS



Medical & Healthcare Waste
Hospitals, clinics, laboratories, and healthcare facilities.



Animal & Veterinary Waste
Veterinary clinics, farms, and slaughterhouses.



Industrial Waste
Factories, workshops, and industrial facilities.



Commercial Waste
Hotels and commercial establishments.



General Solid Waste
Selected combustible waste materials.

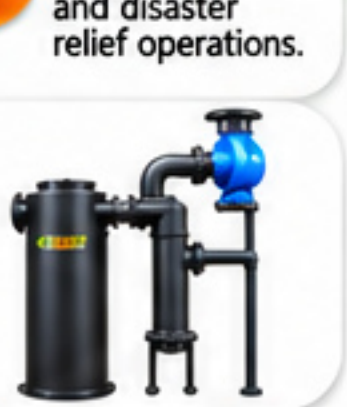


Remote Areas
Remote facilities and disaster relief operations.

TECHNICAL SPECIFICATION

Description	Specification
Product Model	EcoGreen-50
Incineration Capacity	Up to 50 kg/hr
Combustion Technology	Gasification Pyrolysis
Combustion Arrangement	Primary, Mixing & Secondary Chambers
Maximum Combustion Temperature	Up to 1,200°C
Waste Loading Method	Manual
Waste Combustior Oil Consumption	Diesel: Oil or Natural Gas
Fuel Type	4 – 10 kg/hr
Primary Burner Oil Consumption	0.11 kW
Combustion Burner	4 – 10 kg/hr
Secondary Burner Oil Consumption	0.11 kW
Re Burner	0.11 kW
Air Blower Power	0.37 kW
Electrical Voltage	Customizable
Chimney External Diameter	280 mm
Equipment Weight	4,000 kg
Built-in Smoke Filter	Dry Scrubber
Optional Air Pollution Control	Wet Scrubber
Optional Chimney Material	Stainless Steel
Burner Origin	Italy
Control Panel Components	European Components, Including Siemens (optional)

OPTIONAL PARTS



Wet Scrubber
For additional exhaust gas treatment.



Stainless Steel Chimney
Corrosion-resistant and long service life.



Natural Gas Burner
Instead of Diseel Burner.



Touch Screen Control Panel
European components, Including Siemens.

Note: Waste suitability depends on equipment configuration, waste composition, and local regulations.
Hazardous, infectious, pharmaceutical, and other regulated waste require specific technical assessment and regulatory approval.

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