GREEN
INCINERATORS

WASTE INCINERATOR

30 Kg/hr

Model: EcoGreen-30



INTRODUCTION

The **EcoGreen-30** incorporates advanced gasification pyrolysis technology, primary and secondary combustion chambers, an enlarged mixing combustion chamber, and a built-in dry scrubber (smoke filter). Its refractory-lined combustion system supports temperatures of up to 1200°C, promoting effective waste combustion.

Equipped with high-quality Italian oil or gas burners, optional European electrical control components, and a large waste-loading door, the **EcoGreen-30** combines reliable performance with practical operation. Optional features include a wet scrubber system and a stainless steel chimney.

As a waste incinerator manufacturer and supplier in China, Green Incinerators provides quality incineration equipment for international customers seeking reliable waste treatment solutions at competitive factory-direct prices.

KEY FEATURES

- **30 kg/hr Burning Capacity** — Compact, efficient waste incineration.
- **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-30 | Waste Incinerator 30 Kg/hr

APPLICATIONS



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



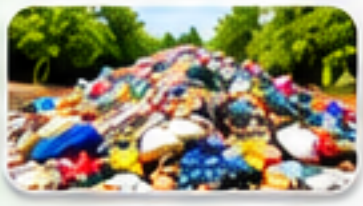
Animal & Veterinary Waste
Veterinary clinics, farms, and slaughterhouses.



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-30
Incineration Capacity	Up to 30 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 Loading Door Dimensions	480 x 600 mm
Fuel Type	Diesel: Oil or Natural Gas
Primary Burner Oil Consumption	4 – 6 kg/hr
Combustion Burner	0.11 kW
Secondary Burner Oil Consumption	4 – 6 kg/hr
Re Burner	0.11 kW
Air Blower Power	0.37 kW
Electrical Voltage	Customizable
Chimney External Diameter	280 mm
Equipment Weight	2,300 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 Diesel Burner.



Touch Screen Control Panel
Including Siemens components.

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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