



- **Built In Safety Features**
- **Surpasses Clean Air Guidelines**
- **Economical Operation**
- **Controlled Air Supply**
- **Stacked Secondary Chamber**

**CY-50-CA D 'O' OXIDIZER**  
**Designed for Better Waste Management**

**Capacity**

1.4 m3,  
Designed for clean burning.

**Power Requirements**

115V / 60HZ / 60AMPS Single Phase  
230V / 60HZ / 30AMPS Three Phase  
220V / 50HZ / 20AMPS Single Phase

**Stack**

Stainless Steel  
Non Lined:  
ID-30.5cm OD-31.1cm Min. Height  
305cm  
Lined:  
ID-30.5cm OD-45.8cm Min. Height  
305cm

**Casing**

12 gauge steel  
Lining: high heat duty castable refractory  
over high temperature insulation.

**Hearth**

Refractory hearth over 6.35mm steel  
base.

**Doors**

6.35 mm steel plate c/w heavy clamping  
handles.  
Charging: - 61cm x 91cm x 10.2cm  
refractory lined with safety

switch  
Charging Method: Manual  
Ash Removal: Manual  
Ash Ram: Optional  
Semi-Automatic Loader: Optional

**Air Supply**

Primary: Automatic Air Modulating  
Damper  
Secondary: Same as above

**Timers - Adjustable**

Cycle timers interconnected to air supply  
fan and gun type burners enclosed in  
burner housings.

**Burners**

Primary: 650,000 BTU Gas in Oil  
Secondary: 650,000 BTU Gas in Oil

**Venturi**

**Hasteloy C276**

**Fuel Supply: Oil Fired Unit Only**

1350 liter fuel storage tank c/w filter and  
Flexible hose type connection.

**Transporter**

Skid Mounted 20.3cm x 4.6m x 4.6m high  
Heavy Steel

**Height**

4.6m

**Weight**

9,000 kg (approximate)

Circulating Pump - ½ HP

ID Fan - 7.5HR

Scrubbing Coolant - Lime/Water

Naturalizing Agent - 1.8 kg every 4 hours

Water Consumption: Evaporation 227 l/hr  
Automatic Top up  
No effluent discharge

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