



# Aust Combustion Eng Pty Ltd

(A.C.E Systems)

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INCINERATORS - DRYERS - BURNERS - MECHANICAL & GENERAL ENGINEERING - BOILERS - FURNACES

## MODEL MK 8 - Dual chamber



### APPLICATIONS

- Hospital & Industrial Waste
- Animal & Poultry carcasses
- Municipal & Quarantine Waste
- Obsolete Drugs
- Security Documents
- Waste Oil
- Obsolete Currency
- Wood & Sawdust
- Sewage Plant Skimmings

### KEY FEATURES

- Exclusive Patent Elliptical Shape design accelerates waste reduction
- Dual Chambers creates environmentally friendly clean emissions
- High structural strength due to the Elliptical shape
- High temperature castable refractory
- Stainless steel stack
- Automatic diesel or gas fired burners
- Easy installation & maintenance

### BENEFITS OF INCINERATION

- Waste can be destroyed just as fast as it accumulates
- No carcasses residue left to spread disease or to attract rodents and flies
- Fill chamber and turn incinerator on – no watching required as shuts down automatically
- Only sterile ash & fragments left

**SPECIFICATIONS MK 8 Dual Chamber**

No. of Chambers	2
Primary Chamber volume	6.3 Cubic Metres
Capacity	180Kg
Length	3200mm
	4200mm (including burners & controls)
Width	2000mm (including loading door)
Height	3750mm (excluding stack)
Draught Control	Automatic in stack base
Floor Space Required	6000mm x 5000mm
Roof Height Required	4000mm
Stack Base	1500 insulated
Stack Height	5800
Total height from ground	11.5 mtrs
Weight	18 tonnes
Casing material	8mm mild steel
Refractory Lining	200mm – 2 part
Flue Material	5.0mm Stainless steel x 610 diameter
Fuel	Diesel & Natural Gas / LPG or Waste Oil
Primary Burner	2000mj
Secondary Burner	2000mj
Controls	Programmable Logic Control (PLC) and Landis & Gyr LFL 1.635
Loading Method	Semi Automatic Powered Loader (PLC)
Loads per hour	3
Operating Temperature	800 - 1000

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