



A30 High performance incinerator for safe disposal of narcotics.
 The A30 agriculture incinerator is an ideal machine for the on-site disposal of narcotics and medical marijuana.



The A30 incinerator is a front-loading machine, providing reliable disposal of narcotic waste. Optimised for the varied requirements of mixed potentially hazardous materials including medical Marijuana and CBD waste.

Highly fuel efficient, reducing comparable operational costs by up to 40%. Utilising a pulse firing system to deliver a sustainable, clean and complete burn cycle. Reducing the volume of waste by approximately 97% leaving only inert safe to dispose of ash.

Incorporating a primary and secondary chamber to deliver a safe, smoke and odour free disposal.

Machine Specification

External L x W x H (mm)	2988 x 1114 x 1821/4161
Internal L x W x H (mm)	1140 x 700 x 800
Chamber Volume (m ³)	0.64
Weight (approx tonnes)	4
Max Load Capacity (kg)	256
Nominal Burn Rate (kg/hr)	<50
Power Supply 50/60 hz	220 - 250v
Thermal Capacity (kW)	270
Door Aperture	670 x 550
Control Panel	AIC
Fuel Types	Diesel, LPG, N-Gas
Insulation Fire Brick	Grade E23
Insulation Board	25mm Superwool
Fire Brick (Alumina)	42.5%

*We reserve the right to change the specification, dimensions and quality of materials from time to time, so long as the alteration is minor or an improvement to the said product.

Primary Chamber

- Fully insulated internal refractory lining, constructed from high grade refractory brick ensuring a self-supporting, interlocking arrangement.
- Fully interlocked, manually operated, access door.
- Waste ignition burner, temperature controlled on-off, complete with internal air fans.
- Combustion burner, temperature controlled on-off, complete with internal air fans.
- Secondary combustion burner air fans with automatically controlled distribution to their designated area.
- One temperature sensor mounting point.

Secondary Chamber

- Fully insulated internal refractory lining, constructed from high grade refractory brick and low thermal mass insulation.
- Secondary chamber burnout burner, temperature controlled on-off, complete with internal air fans.
- Integrated combustion burner air fans with automatically controlled distribution to their designated area.
- All combustion fuel pipework.
- All electrical components.
- One temperature sensor mounting point at the base of the exit flue ensuring the chamber reaches the necessary 1100°C minimum.

Recommended Waste Types

Medical Marijuana	✓
Confiscated Narcotics	✓
Medicinal Drugs	✓



Waste Loading and De-Ashing

The A30 incinerator is designed for front-loading through the main access door. Due to the composition of wastes they can incinerate, security measures should be in place on the site. At the end of every incineration cycle ash should be removed through the loading door into the supplied catcher tray prior to being re-loaded for the next incineration.

The Addfield Difference

- Pre-fabricated 8mm & 10mm robust mild steel casing, seam welded and suitably stiffened/ braced where necessary.
- Lightweight resilient refractory fibre insulation door, providing a tight seal, giving excellent thermal efficiency.
- Primary and secondary chamber lining thickness 180mm, rated at 1650°C.
- Low thermal mass door lining, with removable roof and back plate for ease of maintenance.
- Paint finishing – The steel structures are painted using a two-pack high grade paint system.
- Pre-programmed control panel able to be manually adjusted for optimal results. Push button and touch screen control with data logging.
- A 180mm thick refractory lining, using fire bricks and insulation bricks, improving thermal efficiency.



Additional Operation Equipment



Fuel Tank

Allowing you to operate the incinerator in all locations as well as providing a backup to your traditional supply. Available in 1000 to 5000 litre capacity. Fuel can be safely stored and monitored in close proximity to your incinerator.



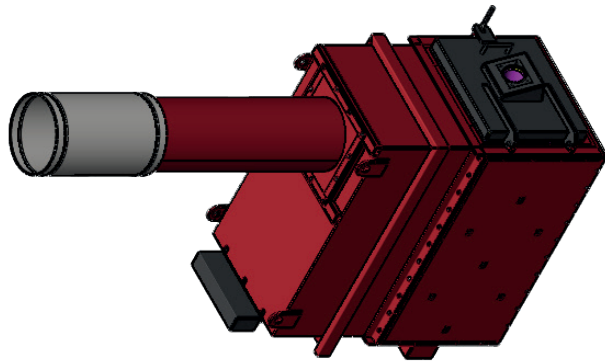
De-ashing Tools

De-ashing tools increase the comfort of de-ashing the cremator. Associated with removing hot ash from the chamber of the cremator straight into the ash box.

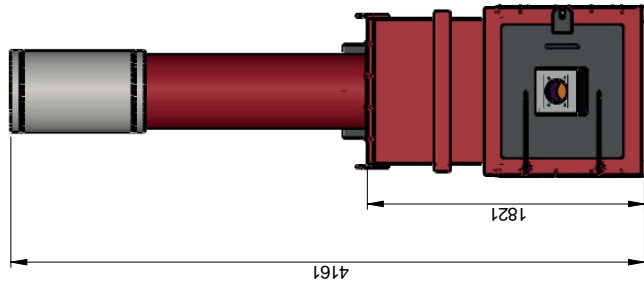


Venturi System

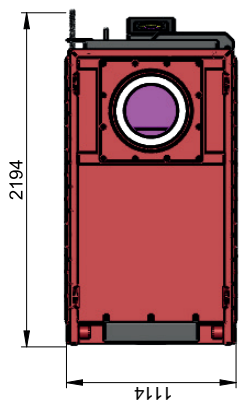
An advanced flue gas treatment system designed to further reduce dust, acid gasses, dioxins and furans. Highly effective the venturi is widely regarded as the leading treatment system in its field.



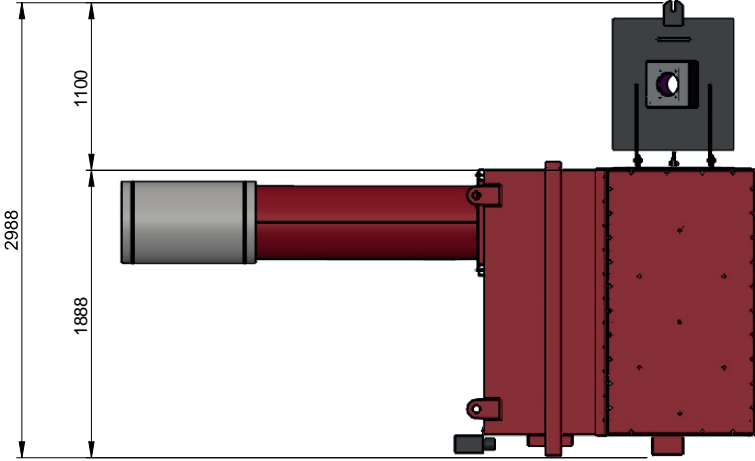
ISOMETRIC VIEW




FRONT VIEW



PLAN VIEW



SIDE VIEW
DOOR OPEN

MATERIAL: N/A		FINISH: N/A	
WEIGHT: 2500 Kg			
 THIRD ANGLE PROJECTION (UNLESS STATED OTHERWISE)			
TOLERANCES UNLESS OTHERWISE STATED			
FABRICATION		MACHINING	
± 1	0.6 up to 3	± 0.05	up to 100
± 2	3 up to 30	± 0.05	up to 100
± 2	30 up to 100	± 0.1	up to 100
± 2	100 up to 500	± 0.1	up to 100
± 3	500 up to 1000	± 0.15	up to 100
± 4	1000 up to 2000	± 0.2	up to 100
± 6	2000 up to 4000	± 0.3	up to 100
± 8	4000 up to 8000	± 0.5	up to 100
± 10	8000 up to 12000	± 0.5	up to 100
± 12	12000 up to 18000	± 0.5	up to 100
± 14	18000 up to 25000	± 0.5	up to 100
± 16	>25000	± 0.5	up to 100
ANGULAR		ANGULAR	
± 0.05	up to 100	± 0.05	up to 100
± 0.05	100 up to 500	± 0.05	up to 100
± 0.1	500 up to 1000	± 0.1	up to 100
± 0.15	1000 up to 2000	± 0.15	up to 100
± 0.2	2000 up to 4000	± 0.2	up to 100
± 0.3	4000 up to 8000	± 0.3	up to 100
± 0.5	8000 up to 12000	± 0.5	up to 100
± 0.5	12000 up to 18000	± 0.5	up to 100
± 0.5	>18000	± 0.5	up to 100



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PROJECT: **STANDARD - A30**

TITLE: **A30 GA**

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SHEET 1 OF 1	SCALE: 1:35	A3	

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