

# PET200 Pet retort for all housepets

Highly efficient and reliable retort for up to 7 house pets a day. Easily established in most locations



The PET 200 pet cremation machine is designed to be the most efficient solution for cremating medium to large pets. Front opening for ease of loading and de-ashing to optimise your daily throughput to up to 7 pets. Designed for safety, performance and efficiency benefiting from Hot Hearth technology, continuously recycling heat throughout and below the primary cremation chamber, delivering complete 360° heating and reducing cremation time.

Unrivalled in it's field boasting a 40% reduction in fuel consumption compared to alternative solutions. Perfect machine for new pet crematoriums and at existing pet crematories.

Machine Specification	
External L x W x H (in)	110.6 x 145.25x 76.75/142.75
Internal L x W x H (in)	47.25 x 29.5 x 27.5
Chamber Volume (ft³)	22.25
Weight (approx)	8140 lbs
Max Load Capacity	400 lbs
Nominal Burn Rate	99 lbs / hr
Thermal Capacity	737,000 btu/hr
Power Supply 50/60 hz	220 - 250v
Door Aperture (in)	29.5 x 21.65
Hot Hearth Principle	Double Pass
Fuel Types	Natural Gas
Control Panel	AI or PLC
Insulation Fire Brick	Grade 23
Insulation Board	1 in Super-wool
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

- Heavily insulated internal refractory lining. Constructed from high grade refractory brick ensuring a secure self supporting, interlocking arrangement.
- Manually opening, securely locking, access door with viewing port.
- Automatic temperature controlled on-off waste ignition burner complete with internal air fans.
- Hot Hearth Combustion Burner, temperature controlled on-off, complete with internal air fans.
- Secondary combustion burner air fans, automatically controlled distribution to their designated area.
- Two temperature sensor mounting points.

## 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
- Automatically controlled integrated combustion burner air fans.
- Temperature sensor mounting point at the base of the exit flue ensuring the chamber reaches the necessary 1560°F minimum, with a 2 second retention time.

## Optional Extras

	De-ashing Tool	✓
	Pet Cremulator	✓
	Lift Table	✓
	Fuel Tank	✓
	Spares Kit & Servicing	✓

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## Waste Loading and De-Ashing

The PET series of cremators are ergonomically designed for easy and safe loading of most household pets. Loading through the front facing door can be completed manually or with the aid of a hydraulic lifting table. Able to be safely loaded multiple times throughout a cycle to enable multiple individual pet cremations in a day. At the end of every cremation process, ash should be discharged through the loading door onto the supplied catcher tray prior to being loaded for the next burn.



## The Addfield Difference

- Pre-Fabricated 0.3" & 0.39" 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 chamber lining thickness 7" rated up-to 2650°F.
- Premium paint finish - Steel structures are painted using a two-pack high grade paint system.
- Unique Hot Hearth technology enabling increased efficiency of cremation by providing additional heating below the chamber encouraging 360° heat distribution.
- Multi-layered refractory lining using fire bricks and insulation bricks, improving thermal efficiency.



## Additional Operation Equipment



### Hydraulic Lift Table

Providing an easier way of lifting weights up to 150kg. Having an extendable bed for safer loading. Height adjustable up to 1.3m, and a pull lever to smoothly lower the table. Ball bearing assisted loading tray.



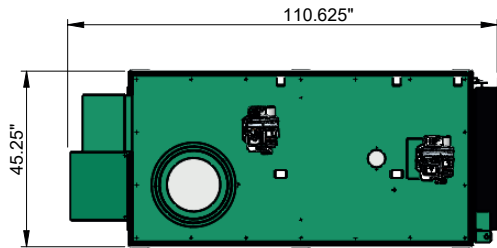
### De-ashing Tools

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, ready to be processed in the cremulator unit.

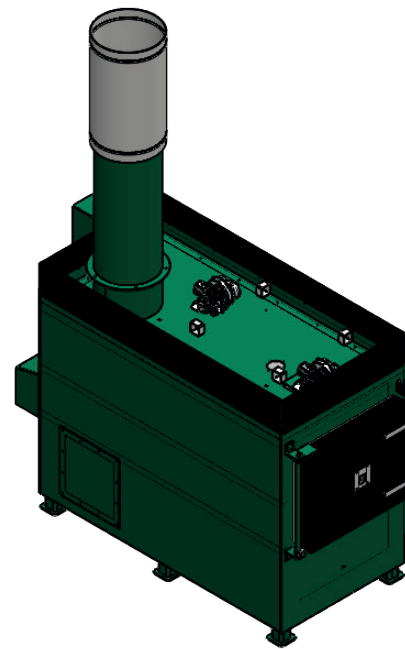


### Pet Cremulator

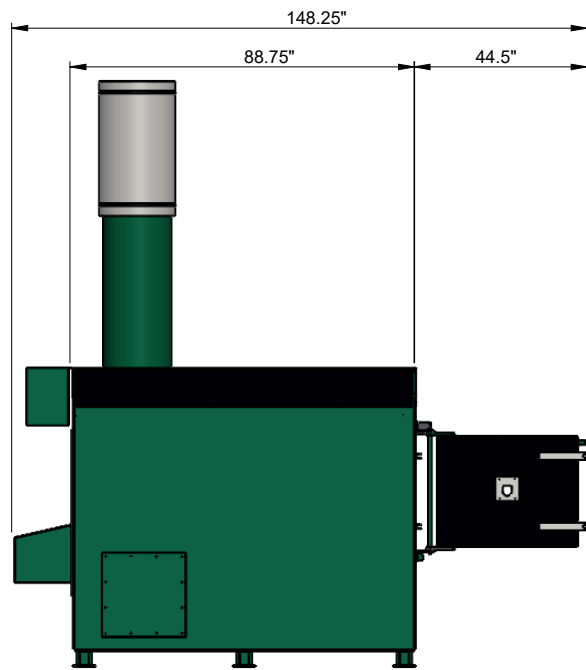
The cremulator processes the remains of domestic animals and grinds them into a fine ash for returning to the owner. The operation process for this only takes 60 seconds from bone material to a final ash residue.



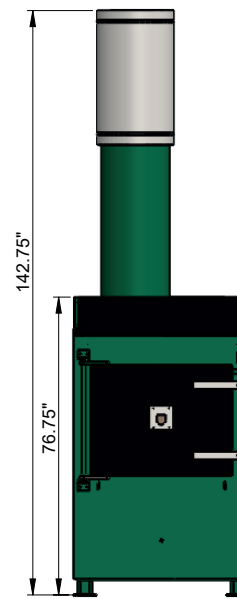
PLAN VIEW



ISOMETRIC VIEW



SIDE VIEW  
DOOR OPEN



FRONT VIEW



THIRD ANGLE PROJECTION  
(UNLESS STATED OTHERWISE)

MATERIAL:  
N/A  
FINISH:  
N/A

TOLERANCES  
(UNLESS STATED OTHERWISE)  
WHOLE NUMBERS ±1.00  
1 DECIMAL PLACE ±0.10  
2 DECIMAL PLACE ±0.05  
ANGLES ±0.50°

WEIGHT: 8140 lbs

**addfield**  
Incinerate • Cremate

T: Addfield Environmental Systems LTD  
U

DRAWN BY: KJ DATE CREATED: 23/03/2019

PROJECT:  
  
STANDARD – PET200

TITLE:  
  
PET200 GA

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