Pet Cremation

PET200 Pet cremation machine for all house pets

Highly efficient and reliable pet cremation machine 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 heath 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.

Machine Specification

External L x W x H (in)	108.66 x 45.28 x 76.77/141.73
Internal L x W x H (in)	47.24 x 29.53 x 27.56
Chamber Volume (ft3)	22.25
Weight (approx lb)	8,157
Nominal Burn Rate UK* (lb/hr)	<99.2
Thermal Capacity** (BTU/hr)	737,023
Door Aperture (in)	29.53 x 21.65
Power Supply 50/60 hz (single phase)	220 - 240v (single phase 110-120v on request)
Fuel Types	Diesel, LPG, N-Gas
Hot Hearth Principle	Double Pass
Control Panel	AIC
Fire Brick (Alumina)	42.5%
Insulation Fire Brick	Grade E23
Insulation Board	Confirm with Addfield

Imperial values rounded. Insulation thickness: source "25m" is unclear.

*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.

**Actual not maximum. Please consult Addfield directly for gas set-up requirement.

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 1562°F minimum, with a 2 second retention time.

Optional Extras

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

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Ironbranch Solutions LLC | Addfield agent
Jordan Jones: +1 217 473 5551 | jordan@ironbranchsolutions.org
Lynn Jones: +1 217 473 0098 | lynn@ironbranchsolutions.org

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BRITISH BUILT

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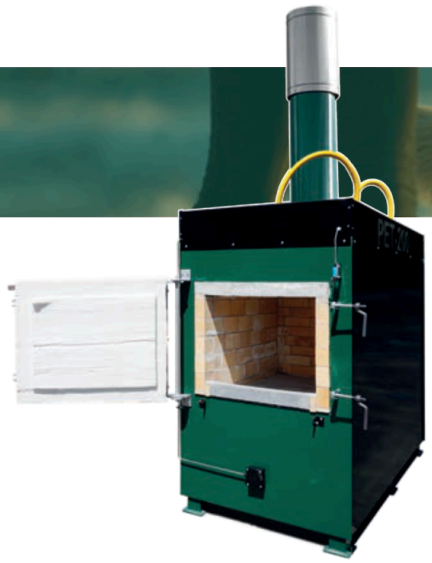
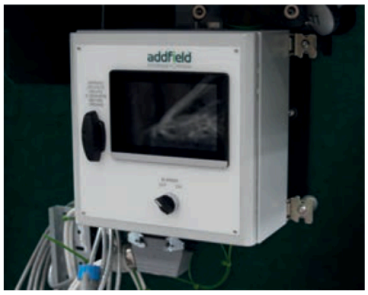


Waste Loading and De-Ashing

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 incineration process, ash should be discharged through the loading door onto the supplied deashing tray prior to being loaded for the next burn.

The Addfield Difference

- Pre-Fabricated 0.315 & 0.394 in 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 7.09 in rated up-to 2642°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, insulation board and insulation bricks, improving thermal efficiency.



Additional Operation Equipment

Hydraulic Lift Table

Providing an easier way of lifting weights up to 330 lb. Ideal for safer loading. Height adjustable up to 51.18 in, and a pull leaver 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.

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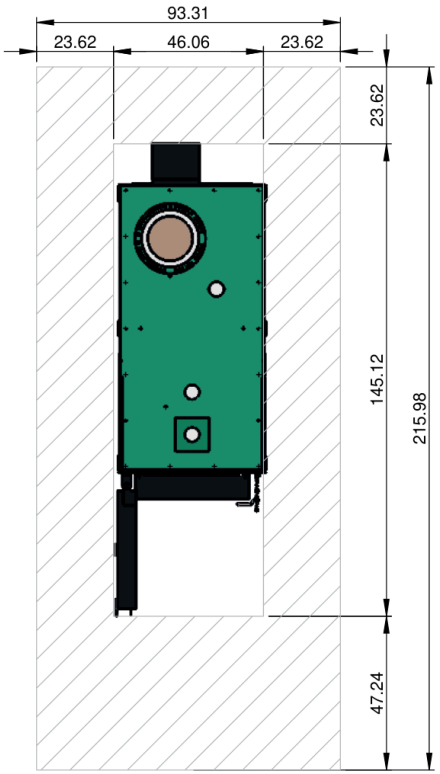

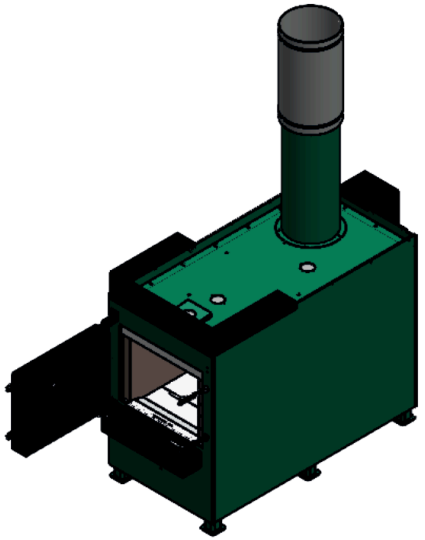

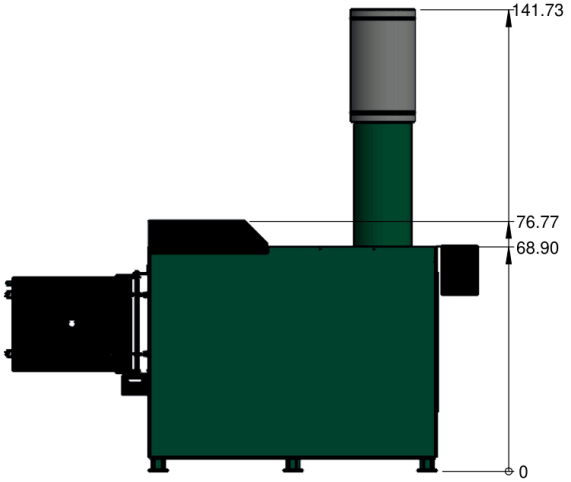

IMPERIAL REFERENCE

Dimensions and tolerances: inches
Weight: pounds | Values rounded
Do not scale. Confirm installation drawings.

MATERIAL:	FINISH:
N/A	N/A

WEIGHT: 8,683 lb

THIRD ANGLE PROJECTION
(UNLESS STATED OTHERWISE)

TOLERANCES UNLESS OTHERWISE STATED

FABRICATION		MACHINING		ANGULAR
0.0787-1.1811	±0.0394	0.0197-0.1181	±0.0020	up-15.748 ± 45'
>1.1811-4.7244	±0.0787	>0.1181-0.2362	±0.0020	>15.748-39.3701 ± 30'
>4.7244-15.748	±0.0787	>0.2362-1.1811	±0.0039	>39.370± 20'
>15.748-39.3701	±0.1181	>1.1811-4.7244	±0.0059	
>39.3701-78.7402	±0.1575	>4.7244-15.748	±0.0079	
>78.7402-157.4803	±0.2362	>15.748-39.3701	±0.0118	
>157.4803-314.9606	±0.3150	>39.3701-78.7402	±0.0197	
>314.9606-4724.4094	±0.3937	>78.7402-157.4803	±0.0197	
>472.4409-629.9213	±0.4724			
>629.9213-787.4016	±0.5512			
>787.4016	±0.6299			

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Ironbranch Solutions LLC
Jordan Jones | +1 217 473 5551
jordan@ironbranchsolutions.org
Lynn Jones | +1 217 473 0098
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PROJECT:

PET 200

TITLE:

Sale GA

DRAWING No.	REV
PET200 Sale GA	-
SHEET 1 OF 1	SCALE: NTS / A3

	DATE	DRAWN	CHECKED	APPROVED	COMMENTS	ZONES:
D						XX
C						XX
B						XX
A						XX
-	24/10/2022	A.SKIDMORE				

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