

TB-AB Equine

Large equine cremation machine

Top-loading horse cremation machine.

Reinforced construction to safely manage most horse cremations.

This agricultural incinerator is designed for top-loading directly into the primary chamber. The incineration process will reduce the waste to ash, approximately 3% its original volume. The ash should be removed before the next waste is loaded to ensure optimum burn rates.

Designed and built with the latest advances in animal incineration.

TB-AB Equine achieves a 40% reduction in fuel

consumption compared to alternative solutions by utilizing a multi-layered brick based refractory.

Top-loading, with impact resistant, reinforced castable blocks for durability.

Optional de-ashing doors are available.



Multi-layered refractory lining, using fire bricks and insulation bricks

addfield
pet cremation solutions

The addfield difference

- Pre-Fabricated 5/16" and 3/8" robust mild steel casing, seam welded and suitably stiffened/ braced where necessary.
- Optimized loading chamber for maximum operational capacity.
- Lightweight, resilient refractory fiber insulated lid, providing a tight seal, giving excellent thermal efficiency.
- Counterweighted loading chamber lid for ease of use.
- Primary chamber lining thickness of 7 inches, rated at 2,642°F.
- Premium paint finish – Steel structures are painted using a two-component, high grade paint system.

Primary Chamber

- Pre-cast block impact zone protecting refractory lining during loading.
- Top-loading counter balanced insulated access lid.
- Temperature controlled waste ignition burner with automatic on-off control, complete with internal air fans.

Secondary Chamber

- Temperature controlled Secondary chamber burnout burner with automatic on-off control, complete with internal air fans.
- Temperature sensor mounting point at the top of the chamber, ensuring the chamber reaches the required 1,800°F minimum, with a 2 second retention time.

Optional Operation Equipment

Equine Cremulator

The cremulator processes the calcined bones of domestic animals and grinds them into a fine ash for returning to the owner.

The pulverization takes 3 minutes from bone material to a final ash residue.



De-ashing Tools

De-ashing tools provide an efficient way to remove ashes from the cremator.

For removing hot ash from the chamber of the cremator straight into the ash box, ready to be processed in the cremulator unit.



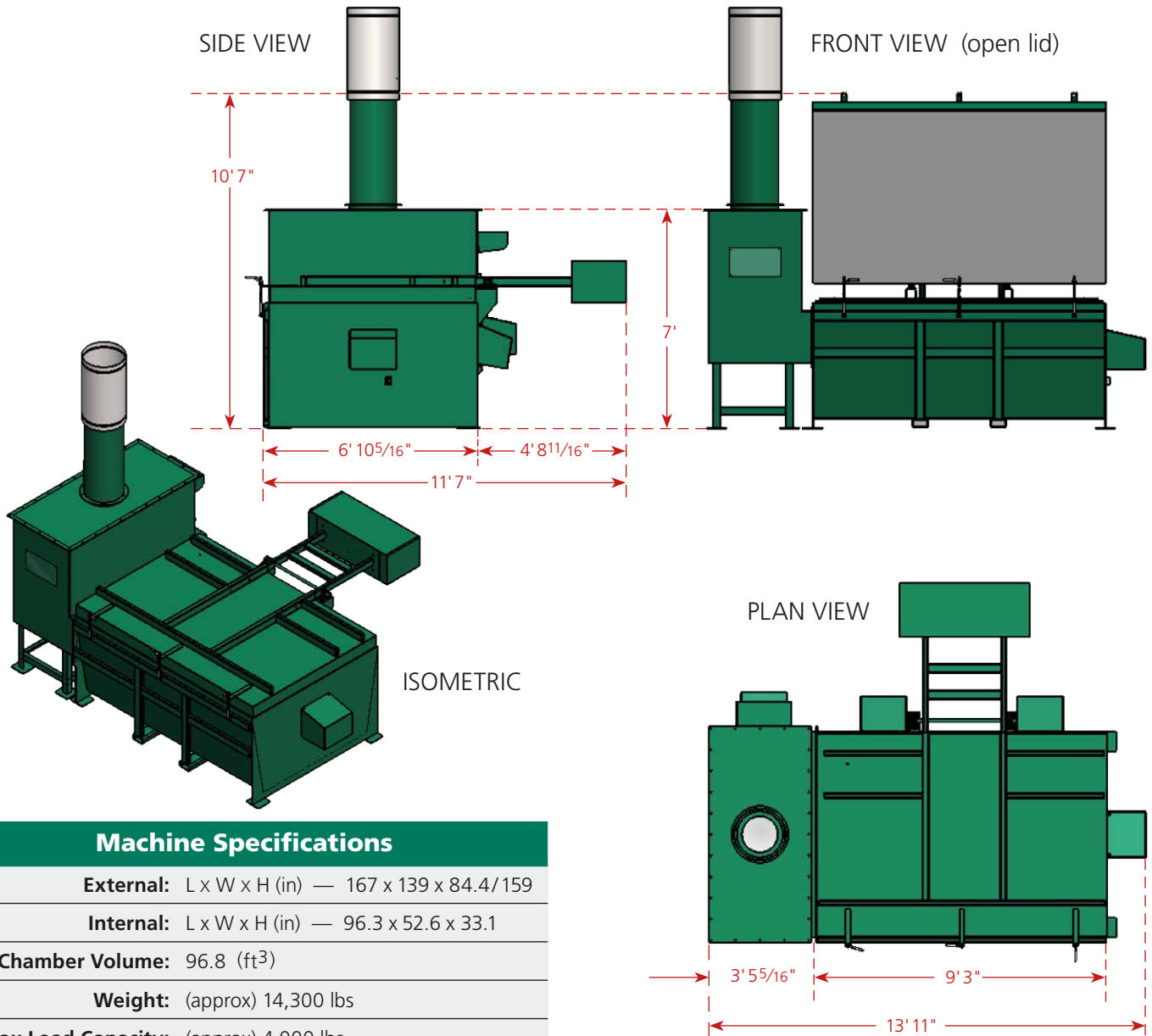
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Machine Specifications

External: L x W x H (in) — 167 x 139 x 84.4/159

Internal: L x W x H (in) — 96.3 x 52.6 x 33.1

Chamber Volume: 96.8 (ft³)

Weight: (approx) 14,300 lbs

Max Load Capacity: (approx) 4,000 lbs

Burn Rate: 110–165 lbs/hr

Thermal Capacity: 982,700 btu/hr

Power Supply: 50/60hz (3 Phase) 220–240v

Door Opening: (in) 93.9 x 61.8

Fuel Types: Natural Gas, Propane

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.

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