

Biosecure Cow Cremator

J&D Manufacturing is your exclusive source for the Burn-Easy Biosecure Cow Cremator. Animal cremation is an efficient and biosecure method of disposal that destroys the spread of disease and keeps rendering vehicles off your farm. The J&D Cow Cremator uses a patented burning process and patented pre-tempered refractory block liner that resists cracking and reflects heat for a clean and even burn.

Patented

• Burning Process

- Flames pass horizontally through the chamber instead of from the bottom up
- Spiral flame action increases burn retention for a clean and thorough burn
- Carcass reduction of 70–150 lbs. per hour, depending on burn rate
- Fuel consumption average between 2 and 2.5 gallons per hour
- Low outside shell temperature

• Thermostatically Controlled System

- Similar to a convection oven, when the temperature inside the chamber reaches the desired level, the burner shuts down and air is forced into the chamber so that the carcass continues to burn
- Independent major university studies show the unique design of the cremator saves up to 65% on fuel consumption, resulting in a savings of more than a gallon of fuel per hour
- HD Digital Controller

Pollution-Free Disposal

- Meets or exceeds EPA guidelines
- Reduces approximately 100–125 lbs. of carcass to less than one gallon of biosecure ash
- No unpleasant odors or smoke when operated properly

Completely Automatic

- Auto ignition eliminates lighting pilot
- Operator fills the incinerator, sets the timer, and walks away
- Heat control unit may be field set to optimize individual burning needs

Ease Of Operation:

1. Load Unit
2. Set Timer
3. Verify Ignition
4. Walk Away

Heavy-Duty Construction

- Constructed of $\frac{3}{8}$ "– $\frac{1}{2}$ " reinforced steel for extended life
- Reinforced with 1" x 2" solid bar
- Continuous welding prevents weld breakage at critical points



64" Model with
Optional After-Burner

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov/product.

Biosecure Cow Cremator

Optional After-Burner

- Further reduces smoke, fumes and pollutants may be required to meet state specific permit (*Talk to one of our representatives for more information*)
- 0.75 of a second retention time for cleaner burning
- Operates at 1,650° F

HD Digital Controller

- Adjustable 24-hour timer
- Sealed aluminum box
- Time and temperature dual display screen
- Ignition failure and temperature limit automatic shutoff
- Fuse protection
- Pluggable relays
- Light sensing LED's for easy viewing in wide range of conditions
- Cool down mode supplies oxygen for complete burn and shorter reloading times
- Controller can be operated on 110 VAC, 220 VAC, or 230 VAC with no upgrade
- Fuel On, Fan On, High Limit indicator lights
- CSA approval pending

Cow Cremator Sizes

- 9' x 52" - 2,000 pounds capacity
- 9' x 64" - 3,000 pounds capacity

Burner Options

- Diesel (standard)
- LP
- Natural Gas
- Methane

Voltage Requirements

- 120V, 60 Hz at 20 Amps
- 220V, 50 Hz available on special orders



64" Model with optional after-burner



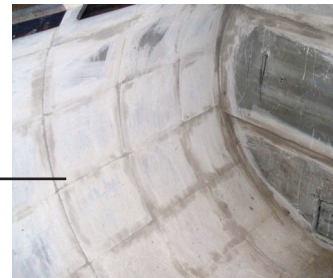
52" Model



64" Model with optional after-burner

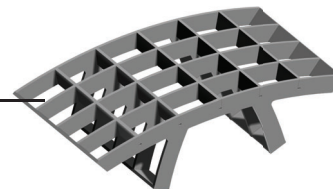
Patented Liner

- Pre-tempered insulating refractory block liner
 - designed to withstand heat of up to 3000° F
 - resists cracking and reflects heat for a clean and even burn
 - has a life expectancy of 7,500 to 10,000 hours (*with proper operation*)
 - can be replaced one block at a time as needed for low service costs



Optional Interior Grates

- Prolong the life of the block liner
- Reduce burn time
- 2 styles available for 64" model



52" Model Shown With Optional Interior Grate

End Clean-Out Door

- Easy removal of biosecure ash (*For extended life of grate, burner and liner empty after EVERY burn*)



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