



# J&D Manufacturing



## 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.

### Features

- **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
  - 70–150 lbs. per hour, depending on burn rate
  - Low outside shell temperature
- **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
- **Pollution Free Disposal**
  - Meets or exceeds EPA guidelines
  - Secondary burner (or afterburner) is standard on all models for a cleaner burn
  - No unpleasant odors or smoke when operated properly
  - Reduces approximately 100–125 lbs. of carcass to less than one gallon of ash
- **Heavy Duty Construction**
  - Constructed of 3/8"–1/2" reinforced steel for extended life
  - Reinforced with 1" x 2" solid bar
  - Solid welding prevents weld breakage at critical points
- **Patented, 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.
- **Patented Liner**
  - Block liner allows you to replace tiles at a fraction of the cost of purchasing a new unit
  - Insulating refractory block liner is made of a high-temperature material designed to withstand heat of up to 3000° F.
  - With proper operation, the block liner has a life expectancy of 7,500 and 10,000 hours.



52" model shown with included heat control unit and secondary burner



Grated step platform on 64" model

Cremators should be installed in accordance with statewide and local codes and ordinances. Outdoor installation a minimum of 25' from the closest structure is recommended on all models. If on-site testing is required, it is the responsibility of the purchaser.



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- Diesel, LP, Natural Gas and Methane models available
- 3 sizes available: 52" with a 2,000 lb capacity, 60" with a 2,500 lb capacity and 64" with a 3,000 lb capacity
- Patented block liner for low replacement cost
- Side clean-out door for easy removal of biosecure ash
- Interior grate to keep the carcass off the floor for spiral flame action and faster, more even burning
- Voltage requirements of 120 Volt, 60 Hz, 20 Amp (220 Volt, 50 Hz available on special order)

### Biosecure Cow Cremator

Part #	Description
<b>Diesel</b>	
CM529D	Cremator, 9' x 52", Diesel, includes Secondary Burner
CM609D	Cremator, 9' x 60", Diesel, includes Secondary Burner
CM649D	Cremator, 9' x 64", Diesel, includes Secondary Burner
<b>LP</b>	
CM529LP	Cremator, 9' x 52", LP, includes Secondary Burner
CM609LP	Cremator, 9' x 60", LP, includes Secondary Burner
CM649LP	Cremator, 9' x 64", LP, includes Secondary Burner
<b>Natural Gas</b>	
CM529NG	Cremator, 9' x 52", Natural Gas, includes Secondary Burner
CM609NG	Cremator, 9' x 60", Natural Gas, includes Secondary Burner
CM649NG	Cremator, 9' x 64", Natural Gas, includes Secondary Burner
<b>Methane</b>	
CM529M	Cremator, 9' x 52", Methane, includes Secondary Burner
CM609M	Cremator, 9' x 60", Methane, includes Secondary Burner
CM649M	Cremator, 9' x 64", Methane, includes Secondary Burner

### Replacement Parts & Accessories

Part #	Description
<b>Diesel</b>	
CMB-D1	Burner, Replacement for Main Chamber - Diesel
CMB-D2	Burner, Replacement for Secondary Burner - Diesel
<b>LP</b>	
CMB-LP1	Burner, Replacement for Main Chamber - LP
CMB-LP2	Burner, Replacement for Secondary Burner - LP
<b>Natural Gas</b>	
CMB-NG1	Burner, Replacement for Main Chamber - Natural Gas
CMB-NG2	Burner, Replacement for Secondary Burner - Natural Gas
<b>Methane</b>	
CMB-M1	Burner, Replacement for Main Chamber - Methane
CMB-M2	Burner, Replacement for Secondary Burner - Methane
<b>Accessories*</b>	
CMGRPCKG	Graph Recorder Kit, with Heat Probe and 250' Wire
CM7300	Graph Recorder
CM1239-160	Heat Probe for Graph Recorder
CM1241-250	250' Wire for Connecting Heat Probe to Graph Recorder

\*Graph recorder is required in select states. Contact J&D for more information.

