

Performance: What makes our equipment superior?

- **No Cool-Down Required between Cremations:**

Feature: Our equipment is designed to allow you to process one-body-after-another without the need to cool-down between cremations.

Benefits: This feature results in lower operational costs, reduced hours for your operating staff, and faster turn-around time. Additionally, this feature is also an indication of the quality of the materials and components used, as well as the unique operational design and high level of craftsmanship that goes into each and every cremator.

- **Unparalleled Fuel Efficiency:**

Feature: Through the intelligent application of the three “T’s” of combustion (Time, Temperature, Turbulence), we are able to engineer a unique design, incorporate high-quality components and fabricate with exceptional craftsmanship, a system that minimizes fuel usage and maximizes performance.

Benefits: Provides the lowest operational cost of any crematory in its class!

- **Smokeless-Odorless Operation**

Feature: An extra-large secondary combustion chamber which contains and consumes the gasses generated by the cremation chamber process.

Benefits: The chamber volume provides peace-of-mind that your business will not allow the by-products of the cremation process (i.e. smoke & odor) to escape the cremator, assuring there are no visible emissions or detectible odors.

- **Low Profile Exhaust Stack:**

Feature: Our machine only requires 8 ft. of exhaust stack to operate properly.

Benefits: Helpful in neighborhoods where a tall protruding stack may not be allowed by zoning, or is aesthetically unappealing, or could be offensive to neighbors.

- **Dual Piston Hydraulically Actuated Door:**

Feature: We use two hydraulic pistons (one on each side of the door) to actuate the up and down movement of the door. Other manufacturers use a single chain-n-sprocket assembly to maneuver the door.

Benefits: Our dual-piston design guides the door steadily and smoothly into the desired position and it is extremely safe for your operators ... there is no possibility for a chain to break, allowing the door to slam down on anything that may be under it at the time of failure.

- **Mechanically Sealed Loading Door:**

Feature: Our unique door-track system, working in concert with the dual-pistons, mechanically presses our door against the steel bulk-head, resulting in a tight 360° seal. With the chain-n-sprocket doors that other manufacturers use, gravity is the sole force that is relied upon to seal the door closed.

Benefit: When the door is closed, this design assures that no smoke or odor will penetrate the seal. With the gravity based systems that others provide, fugitive emissions can leak from around the door.

- **Monolithically Cast Refractory Chambers:**

Feature: Our entire machine (primary & secondary chambers and exhaust stack) is constructed completely with a cast monolithic pour of high-temperature refractory material.

Benefits: Extremely durable fabrication technique, leading to the extended useful life of the equipment and less down-time, as well as lower maintenance costs.

- **Rear-Mounted Panel and Components:**

Feature: Our electrical panel and other major components are mounted at the rear of the cremator, in contrast to other manufacturers who place those components on the top of the cremator.

Benefits: Protects components from the excessive heat that radiates from the top of the machine, reducing component failure and extending the useful life of the cremator. It also makes it easy to access these components for inspection or maintenance purposes (climbing on top of a hot cremator is not fun or safe).

- **Retention Time in the After-Burner of 1+ Second:**

Feature: Our design and construction techniques allow for an extended retention time in the secondary combustion chamber.

Benefits: Complies with stringent environmental requirements – helps assure smokeless/odorless operation