



THE PHOENIX

HIGH CAPACITY PORTABLE INCINERATORS



6045 FRONT LOADER - \$36,500
500 LBS CAPACITY



6045 CLAM SHELL - \$36,000
500 LBS CAPACITY



7248-2 MODEL - \$44,500
750 LBS CAPACITY



PHOENIX 8460-4 - \$61,500
1200 LBS CAPACITY

U.S. GLOBAL RESOURCES

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The Phoenix Incinerator comes in four models, which differ in their design and operating capacities.

6045FL: front loader, 500 pound capacity, single burner

6045CS: clamshell, 500 pound capacity, single burner

8460-4: front load, 1200 pound capacity, 4 burners

7248-2: front load, 750 pound capacity, 2 burners

These incinerators meet all international standards for such crematory, and meet the performance levels of multi-national corporations and agricultural departments worldwide.

For safety the units meet high standard requirements for the U.S. Government and private sector, extremely user-friendly as they are shipped into most regions of the world and operate for extremely long periods of time. Per bird or animal cost of the unit is extremely economical because of its high capacity, fast cremation and easy removal of ashes. This applies to all types of waste.

Both the models are factory tested and delivered ready to hook up and operate. Maintenance is simple and maintenance support contracts may not be needed.

Model 6045

The Model 6045 animal carcass incinerator can safely dispose of up to 500 pounds (227 kg) of unwanted or infected poultry, birds, or other animal carcasses or products. Two models are available: the FL (font load, shown at the left), and the CS (clam shell), shown at the right.

By burning at high temperature, the animal remains are sterilized of infection and the remaining ash can be as little as 10% of the original carcasses.

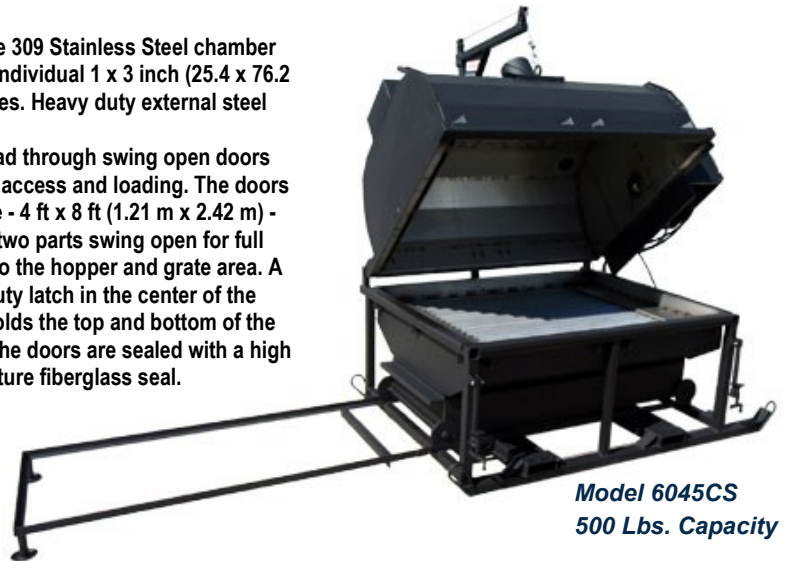
Push button operation and adjustable timers make the Model 6045 easy to operate and suitable for varying loads.

*Model 6045FL
500 Lbs. Capacity*



10 gauge 309 Stainless Steel chamber with 24 individual 1 x 3 inch (25.4 x 76.2 cm) grates. Heavy duty external steel frame.

Front load through swing open doors for easy access and loading. The doors are large - 4 ft x 8 ft (1.21 m x 2.42 m) - and the two parts swing open for full access to the hopper and grate area. A heavy duty latch in the center of the doors holds the top and bottom of the doors. The doors are sealed with a high temperature fiberglass seal.

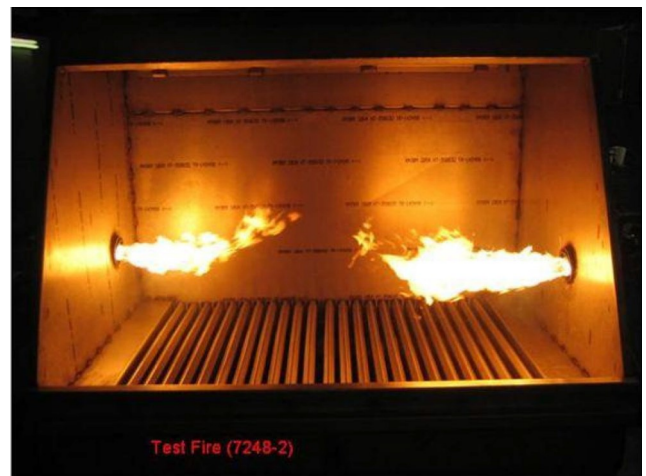


*Model 6045CS
500 Lbs. Capacity*



ASH DRAWER PARTLY EXTENDED

6045 CLAM SHELL FRONT VIEW



Test Fire (7248-2)

Model 7248-2

The Model 7248-2 features hinged, frontload style opening and a capacity of 750 lb. capacity (72" X 48" X 30"). It has a slide out, drawer style ash tray for easy dumping.

This model has 10 Gauge 309 stainless steel body and 11 gauge 2"X2" square tube frame, a stainless steel chimney, stainless steel down draft bap, and 2 Beckett burners @ 2.75 GPH each.

As with all Phoenix incinerators, the products are reduced to clean, dry ash which can be easily removed from the drawer style ash tray and disposed. The high operating temperatures ensure that, regardless of the type of animal infection, the products are safely and sanitarly burned.



Model 7248-2
750 Lbs. Capacity



Model 8460-4
1200 Lbs. Capacity

Model 8460-4

The Model 8460 product incinerator has all of features of the model 6045, plus it can process up to 1,200 pounds (544 kg) at one time.

The products are reduced to clean, dry ash which can be easily disposed. The high operating temperatures ensure that, regardless of the type of animal infection, the carcasses are safely and sanitarly burned.

10 gauge 309 Stainless Steel chamber with 24 individual 1 x 3 inch (25.4 x 76.2 cm) grates. Heavy duty external steel frame.

Front load through swing open doors for easy access and loading. The doors are large - 4 ft x 8 ft (1.21 m x 2.42 m) - and the two parts swing open for full access to the hopper and grate area. A heavy duty latch in the center of the doors holds the top and bottom of the doors. The doors are sealed with a high temperature fiberglass seal.

SPECIFICATIONS

Physical Characteristics

MODEL	DIMENSIONS	WEIGHT	CAPACITY
6045CS, 6045FL	60" x 45" x 22" (152 x 114 x 56 cm)	750 lbs. (340 kg)	500 lbs. (227 kg)
8460	84" x 60" x 60" (213 x 152 cm x 152 cm)	4,900 lbs. (2,227 kg)	1,200 lbs. (544 kg)
7248-2	72" x 48" x 30" (183 x 152 cm x 152 cm)	2,350 lbs. (1,068 kg)	750 lbs. (341 kg)

Fuel Consumption Characteristics

Fuel used: Diesel

MODEL	FUEL CONSUMPTION	BURN RATE
6045CS, 6045FL	2.75 gallons / hour	100 lbs. (45 kg) / hour
8460	10.0 gallons / hour	400 lbs. (181 kg) / hour
7248-2	5.5 gallons / hour	200 lbs. (91 kg) / hour

Operation

The operation is started by filling the hopper through the front doors and closing the doors. Then momentary start button is pressed. This will start the burners for an adjustable amount of time. After the burn time has been reached the cool down timer will begin running for a preset time.

Burners

4 high-impact Beckett burners with 2.5 gal/hr. nozzle (9.47 liter). Specially designed for accurate burn temperature. The burners with the injected air are very effective to reduce the volume by approximately 90% to a dry powdery ash. We know of no other unit that has less powdery ash for the product being cremated than the Phoenix animal incinerator. Temperatures can reach 1600° F (870° C) in the chamber with a 1250° F (675° C) chimney temperature to reduce smoke.

Air induction

4 silent centrifugal air induction blowers for employee comfort.

Timers

There are two (2) timer controls that will accurately control burn time and cool down time. THE COOL DOWN TIMERS/SYSTEM GREATLY BENEFIT THE BUYER FOR QUICK REMOVAL OF ASHES AT LOWER TEMPERATURES AND FASTER TURNOVER OF MATERIAL.

Chimneys

Two 10 inch x 6 foot (25.4 cm x 7.76 meters) chimneys. Our special chimneys have stainless steel downdraft caps.

Smoke Density

The high operating temperatures, quick cool-down and special chimneys result in low smoke density.

Warranty

One-year warranty from date of purchase on materials, including burner, fan, timers, controls, and shell.

Installation

Units are basically shipped complete, ready for operation.

A very important feature of our unit, it is complete, all units are tested extensively before shipment to insure workability and performance upon receipt. Plug in the unit, hook it up to a fuel supply and it will be ready for use.

We recommend that ALL Phoenix incinerators be installed outdoors following all local codes, laws, and ordinances. The customer is responsible for installation, fuel supply, and meeting of local laws and requirements.

Packing

Each incinerator is built on metal skid that can be moved with large forklift.

Extra parts that are ordered will be crated in virgin cottonwood crate and cardboard inside the incinerator so one set of parts will automatically go with each unit.

Support

An Operation Manual in English is available. The units perform for many years with proper service and proper maintenance. Generally, after-sales-service contract is not necessary. However one will be provided should it be required.

Options

A special burning hopper inside the incinerator to aid in burning the feathers off poultry carcasses. This burning hopper helps to reduce the overall burn time and to reduce the volume of remains. This special burning hopper is highly recommended for all poultry disposal applications.

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