

## Animal cremation systems



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For many people, pet animals are very important. When a beloved pet dies, a worthy funeral or cremation is the least such an animal deserves.

Nowadays, many people decide to have their pet cremated after death. Cremation is cheaper than burying, and the ashes can be strewed on a designated spot or kept in an urn, close to the master(s) of the pet.

We have a complete range of incinerators, designed especially for the worthy cremation of pet animals. We also have an animal remains processor to reduce the size of the ash particles for proper storage in an urn.

## Technical information

### General

All our cremation systems use two combustion chambers. In the first (primary) chamber, the carcass is being destructed. From the primary chamber, the smoke goes to a secondary chamber, where the smoke is being burnt again. In this second step most environmentally harmful parts in the gas are destructed. The smoke gases remain in this secondary chamber for at least 2 seconds.

The temperature in the primary chamber will be controlled by a burner control system, which holds the temperature in the primary chamber at 750 °C. In the secondary chamber a burner keeps the temperature at at least 850 °C.

After the secondary chamber, the percentage of oxygen (O<sub>2</sub>) in the gas is measured. With this parameter two fans are controlled, which blow the necessary combustion air into the primary and secondary chamber.

### Different types

For different cremation purposes, we provide different types of cremation devices. In pet cremation there's usually a choice between individual and collective cremation. The difference is that in individual cremation, the ashes of one individual animal can be collected. In collective cremation, the ashes can only be collected together. For individual cremations of small animals, the smaller models from the "J" range will meet the requirements. When larger animals are to be cremated, a larger model from the "J" Range or an "VB" or "HB" model will do. For larger quantities of smaller animals in collective cremation, these larger models will also do.

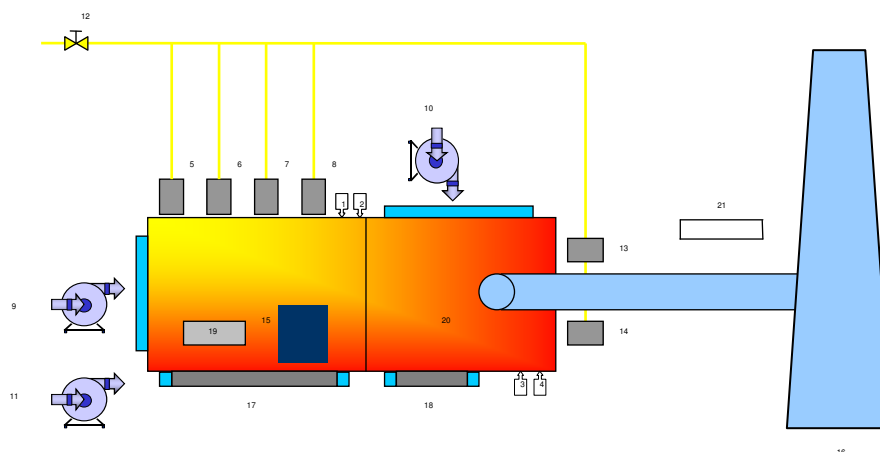
### Note:

Important: To meet emission standards, carcasses may exclusively be collected in special heavy blue or black Polyethylene bags. The Polyethylene bags are made of a type of plastic which is harmless to the environment when incinerated.

## Horse crematories

In the world of animal cremation many requests come in to provide a worthy cremation for a beloved horse. Still, there are no or few suitable places to cremate a horse. Jongenelen B.V. now offers a cremation device, designed especially for the worthy cremation of larger animals like horses. According to the demands of the customer, the cremator can be produced in different ways. Especially the loading of the (heavy) carcass can be done in several ways.

*Example of a possible design of a Horse cremation device*

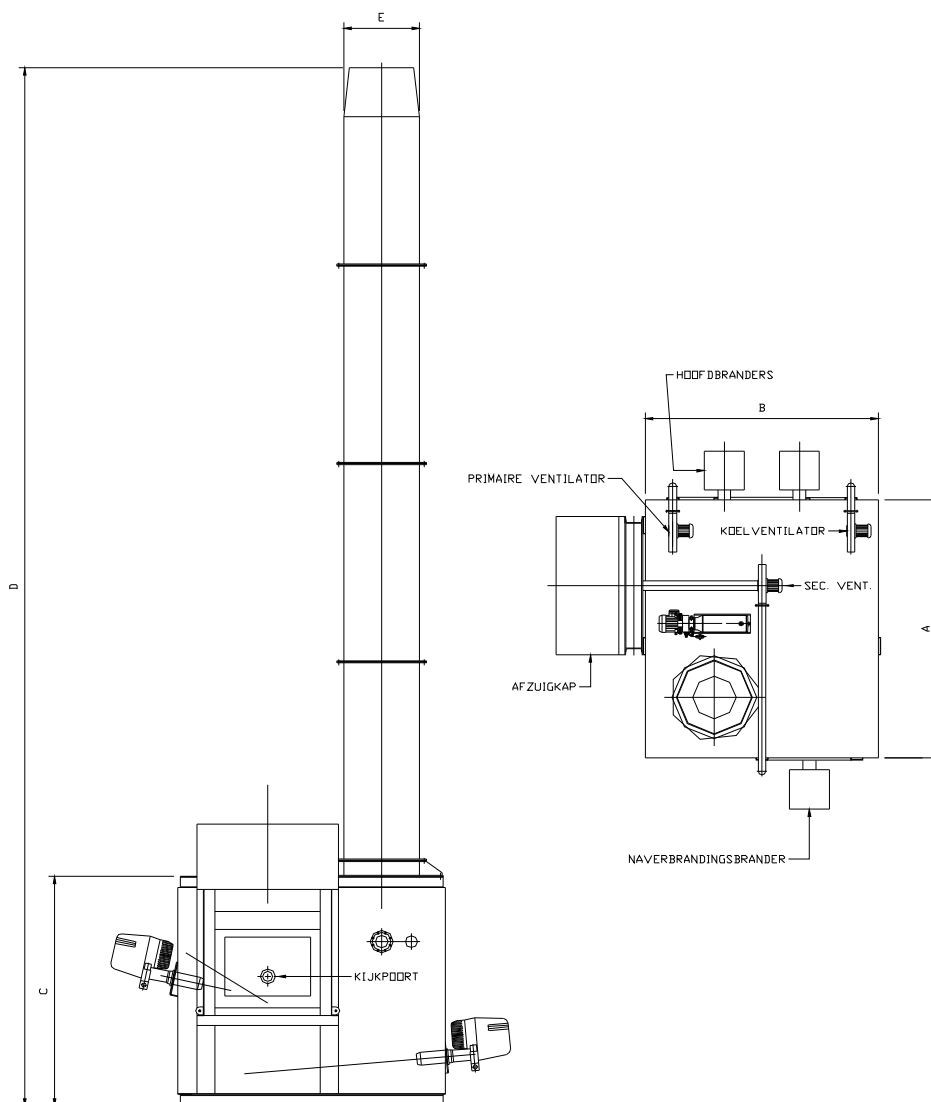


- |                                    |                       |
|------------------------------------|-----------------------|
| 1 onderdruksensor                  | 12 hoofd gaskraan     |
| 2 primaire temperatuur             | 13 naverbrander 1     |
| 3 O2 sensor                        | 14 naverbrander 2     |
| 4 secundaire temp.                 | 15 crematieoven       |
| 5 hoofdbrander 1                   | 16 schoorsteen        |
| 6 hoofdbrander 2                   | 17 vuldeur            |
| 7 hoofdbrander 3                   | 18 schoonmaakdeur     |
| 8 hoofdbrander 4                   | 19 hydraulische unit  |
| 9 primaire ventilator              | 20 navebrandingskamer |
| 10 secundaire ventilator           | 21 emissie meetpunten |
| 11 koellucht ventilator deurframes |                       |

## Horse cremator type J800



## Cremators for animals



Model	Charge in kg	A in mm	B in mm	C in mm	D in mm	E in mm	Weight in kg
J 15	15	1.870	1.280	2.165	10.000	575	ca. 3.000
J 25	25	1.965	1.485	2.165	10.000	640	ca. 3.500
J 35	35	2.080	1.630	2.165	10.000	650	ca. 4.000
J 50	50	2.205	1.830	2.165	10.000	685	ca. 4.900
J 60	60	2.280	1.980	2.165	10.000	695	ca. 5.500
J 80	80	2.515	2.180	2.165	10.000	780	ca. 6.750
J 100	100	2.630	2.330	2.340	10.000	800	ca. 8.250
J 120	120	2.985	2.505	2.340	10.000	925	ca. 5.100
J 200	200	3.030	3.780	2.180	10.000	1.035	ca. 14.500
J 400	400	3.355	3.445	2.755	10.000	1.120	ca. 19.000
J 800	800	4.105	4.830	2.755	10.000	1.100	ca. 50.000

Dimensions for reference only



## Animal remains processor



*Animal remains processor*

After cremation of the animal, rough ashes remain. For the strewing of the ashes, or for the keeping in an urn, further processing of the ashes is required. For this purpose, we have the Animal Remains Processor. This device reduces the size of the ash particles in such a way that strewing or collection in an urn can properly be done.



*Results of the animal remains processor at the left. At the right the results of another processor.*

The Animal remains processor has certain advantages:

- Dust free operation
- Low noise operation
- User and maintenance friendly High (capacity) throughput
- Low price