

■ About the laws relating to "Clean Boy" installation (reference)

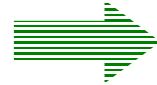
Laws related to "Clean Boy 500N" (CB-500N) that the government provides are as follows.

【Government】“Law Concerning Waste Disposal and Scavenging” “Law concerning Special Measures against Dioxins”
“Air Pollution Control Law” “ Building Standard Law, application for confirming manufactured articles”

【Fire station】“Fire Service Act”,
“Manufactured articles under the Building Standard Law”

“Clean Boy500N”(CB-500N)is...

- Dimensions of the fire bed → 0.5㎡ or less
- Combustion time → less than 50kg of incineration per hour
- Dioxin generation →5ngTEQ/m³ N or less→ test results:2.0 eng-TEQ/m³ N
- CO₂ → 100PPM or less (advanced standard 200kg processing)
- No need for building certification if dimensions of the storage facilities are less than 10㎡.
- Fuel (kerosene) tank → 200 liters or less
(200 liters or more is considered small scale hazardous-materials.)
- Inside area of the furnace → 2㎡ or less (necessary to submit a notification if it is 2㎡ or larger.)



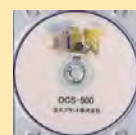
Due to these standards, there is no need to submit a notification because CB-500N doesn't correspond to related laws and regulations. However, there are some local governments that restrict incineration etc. by the ordinance, so please confirm before you install Clean Boy 500N" (CB-500N).

■The standards in notification necessity	
Law Concerning Waste Disposal and Scavenging	<ul style="list-style-type: none"> ● 0.5㎡ or larger fire bed area, 50kg or more of incineration per hour. ● Incinerator that processes 100kg or more of waste plastic per day.
Law concerning Special Measures against Dioxins	<ul style="list-style-type: none"> ● With waste incinerators that have 50kg per hour incineration capacity or 0.5㎡ or larger fire bed area (specific facilities), it is necessary to submit a specified notification to the government of the prefecture 60 days before installation.
Air Pollution Control Law	<ul style="list-style-type: none"> ● With incinerators that have 200kg per hour incineration ability or 2㎡ or larger fire grate, it is necessary to submit a specified notification to the government of the prefecture 60 days before installation.
Building Standard Law, application for confirming manufactured articles	<ul style="list-style-type: none"> ● With chimneys of 6meter or higher, it is necessary to submit a notification as a manufactured article to the specific government agency
Fire Service Act	<ul style="list-style-type: none"> ●By the "Fire Service Act," incinerators (kitchen range and furnace etc.) need to be installed keeping safe distance to prevent fires from buildings etc. Also, with furnaces that are larger than a certain scale (the dimensions of installation: 2㎡ or larger), it is obligated to submit a notification. ●Regarding the restrictions of dangerous materials (supplement fuel) and the storage of light and heavy oil, if there is more than the designated quantity, you need to get permission from the mayor of municipality or the government according to the "Fire Service Act." Even with a small quantity of dangerous materials, there are some districts where it is necessary to submit a notification by the ordinance in each local government.
Manufactured articles under the Building Standard Law	<ul style="list-style-type: none"> ●With buildings of 10m² or larger, there are regulations such as fireproof structure and center retreating etc.

【About the due date and maintenance etc.】

Due date: ● Approximately 4 months after the contract.
Electrical construction: ● Electrical construction inside the structure for heavy machinery is included. However, the leading-in electrical construction outside the heavy machinery structure is not included.
Warranty period: ● 1 year after the trial run is handed over.
(Maintenance check of the fireproof incinerator and electronics etc.)

Visits for product demonstration at any time.



You can actually visit the Kassui plant factory to see a demonstration. Also, you can watch the DVD of the equipment outline for consideration. (Approx.3 minutes)

■ Sales & Marketing



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From "Dumping" to "Utilizing"



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Our approach

Incineration (vaporization)

Clean Boy500N

CB-500

Small combustion incinerator (pyrolysis processor)

Odorless and Smokeless

structural criterion compatible type small incinerator

Disposable diapers processing
(medical waste)



- **educing the volume of waste products down to "1/300" by energy saving pyrolysis.**
- **SMain fuel can be reduced by combusting waste spontaneously!**
- **IProcessing 500 liters / batch, dropping waste products continuously (smokeproof hood is installed)**
- **Disposal cost can be reduced significantly because running cost is low**

Automatic operation with an automatic control device

Easy operation

KASSUI PLANT



This is groundbreaking equipment that processes "disposable diapers" etc. with high efficiency by using energy saving pyrolysis.

Clean Boy500N CB-500

PAT.



Clean Boy's "8 recommendations"

Reducing Waste to 1/300 with energy saving resolution.

Reducing the amount of fuel use by spontaneous combustion. (depending on the moisture content of waste products)

It is possible to drop waste products continuously with an efficient incineration time. (depending on the moisture content of waste products)
 ■ When it is 1 batch, it takes about 3 hours from combustion to cooling.

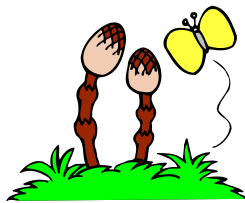
"Odorless and smokeless" during combustion.

The amount of emitted dioxin is within the standard law values.
 ■ 2.0ng-TEQ/m³N (regulation value : 5.0ng-TEQ/m³N)

In principle, "no need to submit a notification." (structural criterion compatible type small incinerator / disposable diapers are general waste)

It has the quality to last long and is priced low.

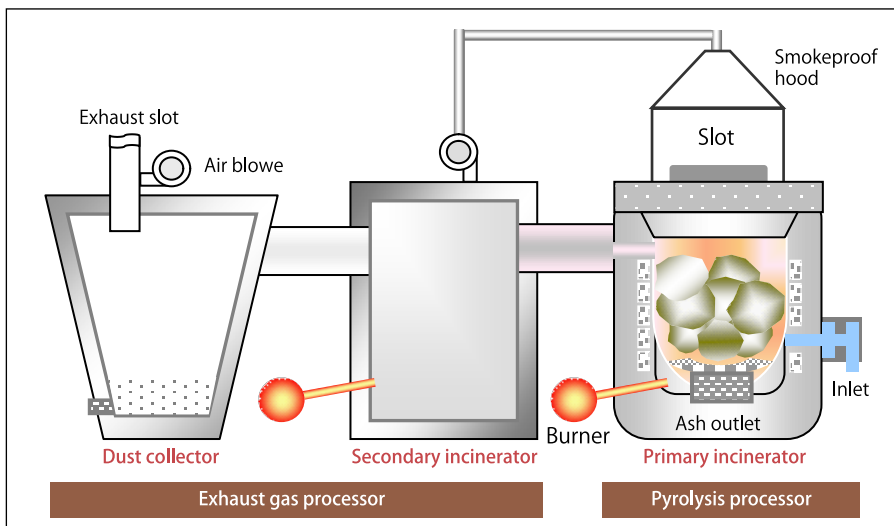
The waste disposal cost can be reduced because running cost is low.



Clean Boy500N

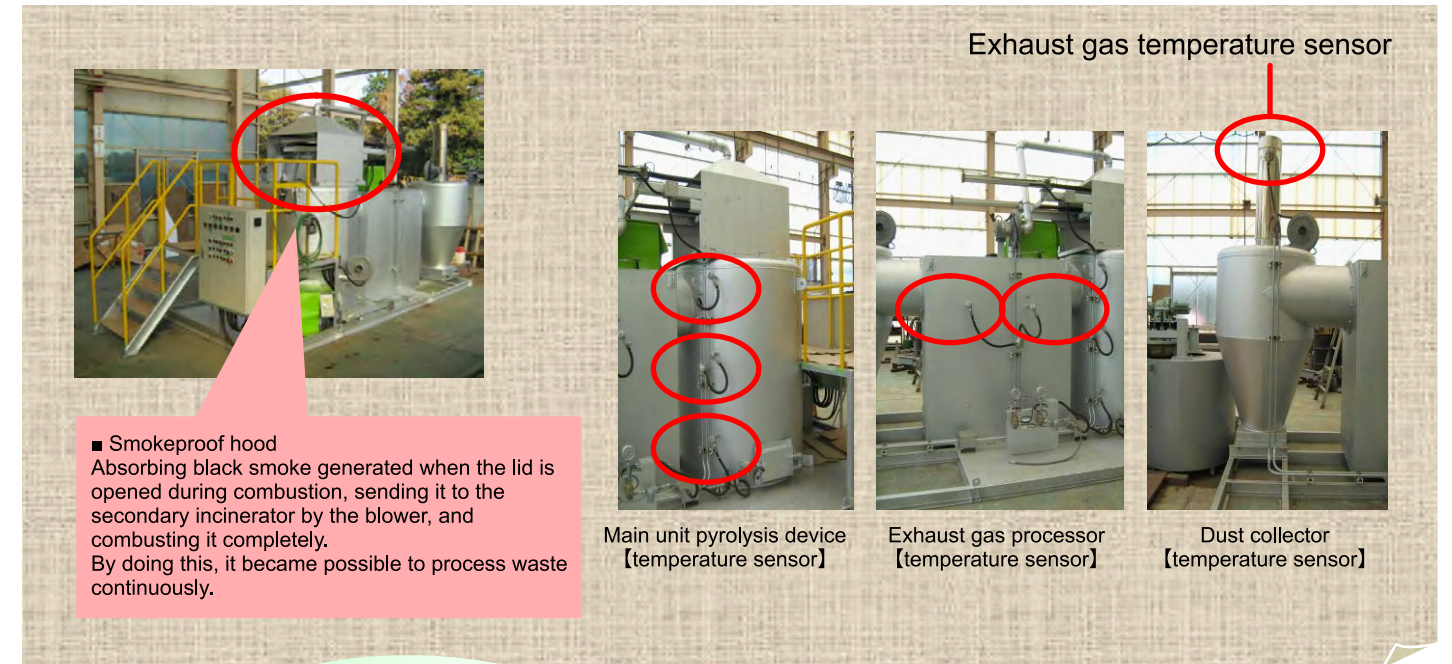
Outline of the equipment (specification)

- Automatic, complete enclosed type hatch (the upper part slot)
- Automatic operation control board (digital temperature monitoring of each part)

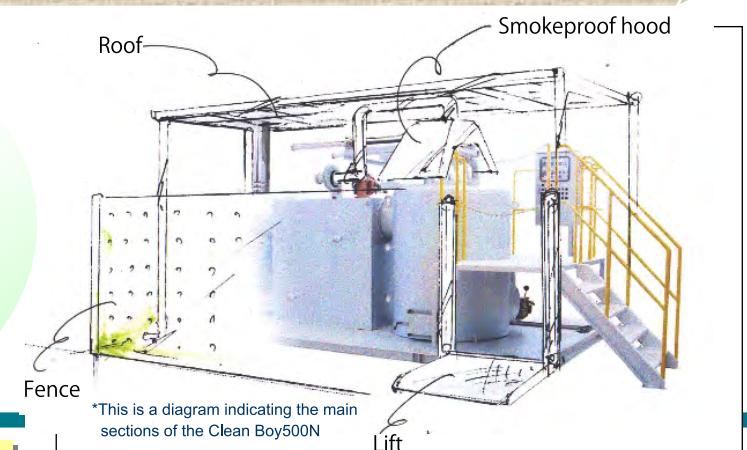
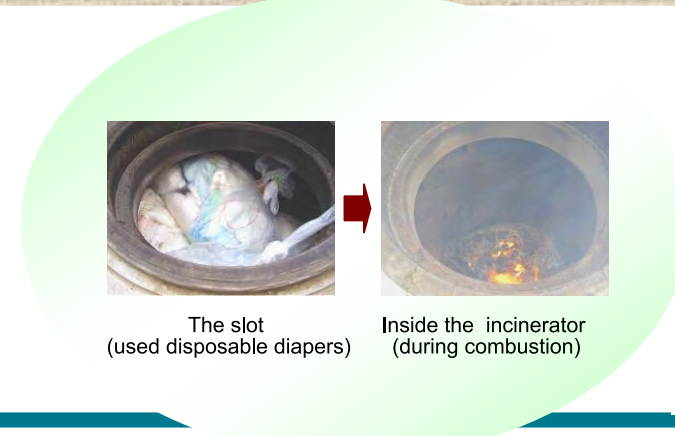


- ▼Classification / small-scale incinerators set up by rules and regulations
- ▼Dimensions of the fire bed / 0.477m³
- ▼Pyrolytic ability /50kg / 1 batch
- ▼Air blocking type, sealed automatic input device
- ▼Abnormal high temperature resolving structure
- ▼Gas processing temperature control burner
- ▼Continuous temperature measurement of the incinerator
- ▼As-needed basis temperature measurement of the gas processor
- ▼Processing at 800°C of combustion gas
- ▼Air-intake automatic controller
- ▼High-performance dust collector
- ▼operation/automatic
- ▼Capacity 500 liters, batch type (1 batch:1-3h depending on the moisture content.)
- ▼Fuel/kerosene
- ▼Electrical power/Three-phase 200V

* External appearance and specifications can be changed without prior notice.



■ Smokeproof hood
 Absorbing black smoke generated when the lid is opened during combustion, sending it to the secondary incinerator by the blower, and combusting it completely. By doing this, it became possible to process waste continuously.



*This is a diagram indicating the main sections of the Clean Boy500N

170kg of disposable diapers with a lot of moisture are processed in 3 parts.

Inputting every 2 hours (3 times)

The status after six hours

It reduces to about 1kg while resolving (eventually reduces to 600g)

From the result of the demonstration experiment (November 4, 2010)

Capable of saving space

Processor storage facilities (usable dimension)

Dimensions: 4m (width), 8m (height), 3m (depth).

*Size of storage facilities can change depending on the site and usage.
 *Storage facilities are sold separately (optional).