Super Waste Processor / SWP

Environmentally friendly magnetic thermal decomposition treatment equipment

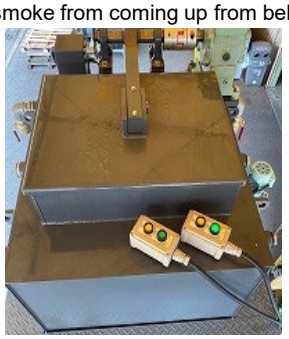
SWP is a revolutionary magnetic thermal organic waste decomposition treatment device that incinerates plastics, petrochemical products, styrofoam, rubber, solidified paint, wood, packaging materials, cardboard, clothing, etc, through incomplete combustion, reducing them to ash approximately 1/300.
It can be installed anywhere as long as there is a roof and electricity. SWP has excellent thermal efficiency and does not emit carbon monoxide, carbon dioxide, odors, or noise.
It allows for continuous input, has low power consumption, and results in low electricity costs.

SWP-80

SWP-100

SWP-120

Garbage is thrown in from the above. Double doors prevent smoke from coming up from below.



The inside of the SWP is treated with incomplete combustion smoking using heat and smoke.

Ash falls to the bottom and accumulates.

The ashes are completely burned to powder.

styrofoam

Cardboard box

Plastic

Wood

solidified paint

Films

work gloves

Clothing

Main Features of Super Waste Processor 1

1. SWP can be installed anywhere as long as there is a roof and electricity.
2. SWP operates solely on electricity without using any fuel.
3. SWP has low power consumption, resulting in low running costs.
4. SWP does not emit carbon monoxide, carbon dioxide, odors, and consistently achieves values well below the standard limits in exhaust gas measurement tests.
5. Ash volume is reduced to approximately 1/300 of the initial waste.
6. Since ash is small amount, the disposal is sufficient once a month.
7. SWP enables efficient waste processing by continuous waste input.
8. The compact and simple device structure minimizes breakdowns and simplifies maintenance.
9. Tar is completely burned and solidifies into a small amount, which disappears when reintroduced into the SWP.

Items that can be decomposed
Plastics, styrofoam, rubber, hardened paint, cardboard, paper, lumber, pallets, cloth, work gloves, clothing, tires, paper, organic materials with low moisture content

Items that can not be decomposed
Iron, metal, cans, batteries, aluminum packaging bags, glass, bottles, stones, shells, concrete, bricks, PVC, items with high moisture content, powdered plastics/paper, sludge, inorganic materials

Waste with high moisture content
Diapers and other waste with high moisture content can be processed by mixing them with large amounts of wood chips, cardboard, etc.

Main Features of Super Waste Processor 2

How is it different from an incinerator?

1. Incinerators burn using gas or kerosene flames, but SWP does not use flames and instead uses heat and smoke to steam and decompose waste, similar to a brazier.
2. Incinerators require fuel costs for gas or kerosene, and the hassle of refilling, but SWP only requires electricity, making it cost-effective and hassle-free.
3. Incinerators use a batch system, so ash must be removed after each use, but SWP only requires ash removal once or twice a month.
4. SWP uses an incomplete combustion smoking method and proprietary technology that does not produce carbon monoxide, carbon dioxide, or odors.

What is the difference between SWP and other magnetic thermal decomposition devices?

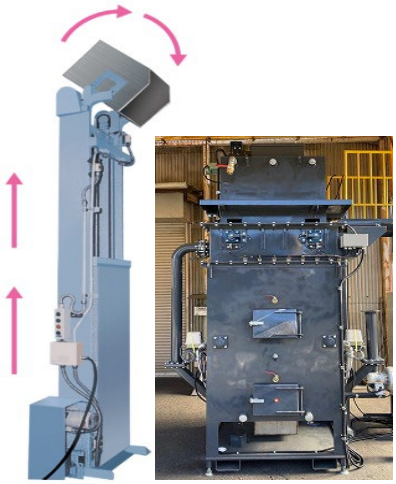
1. Other thermal decomposition devices cannot solve the problem of harmful exhaust gases, so they also produce carbon monoxide, carbon dioxide, and methane gas, which can lead to fatal accidents and explosions. SWP uses a proprietary exhaust recirculation mechanism, resulting in extremely low levels of harmful gas emissions (see table below). In exhaust emission tests, SWP consistently records values that significantly outperform those of other manufacturers.
2. No smoke, and tar is completely burned off, leaving only trace amounts, so a scrubber water washing system is unnecessary.
3. Extremely compact and simple design. Operating costs are limited to electricity expenses.

SWP Dioxin Actual Measurement Results

Item	Unit	Standard value	Measurement results
Dioxin-like toxicity equivalent	Ng-TEQ/m3	5	0.0058
Carbon monoxide concentration equivalent	ppm	50	5

Super Waste Processor Option

Automatic lifting transport device



Powerful vacuum cleaner with heat-resistant hose/filter

This solves the troublesome task of manually removing ash.

Remote monitoring without Wi-Fi Abnormal notification system (Japan only)

Immediate notification to smartphones, etc. in the event of an electrical malfunction

Model	SWP-80	SWP-100	SWP-120
Size mm	1,600 X 1,200 X H2,000	2,500 X 2,100 X H2,400	2,400 X 2,100 X H2,600
Weight	800Kgs	2,300Kgs	2,600Kgs
Furnace capacity	0.36m3	0.8m3	1.2m3
Processing capacity/ day Depending on object	0.5～1.0m3 (Weight0.15～0.3ton)	1.0～3.0m3 (Weight0.3～0.9ton)	2.0～5.0m3 (Weight0.6～1.5ton)
Power consumption 200V	8～11kWh	10～21Kw/h	10～21kWh
Customize option	Interconnection with automatic waste disposal machine, change in shape of disposal opening, chimney height, etc. (additional charges apply)		
Other features	Furnace internal explosion pressure relief port, furnace internal waste height confirmation function, tar elimination function		
Option	Automatic lifting and transport device, powerful vacuum cleaner, remote monitoring system		

Cutting Edge !!

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August 2025