

Innovative magnetic decomposer for

Plastic waste, CO2 Redusction and Global Warming Climate Change Prevention

No combustion, No fuel required, No CO2, No dioxin, No smoke, No smell, low temperature

New Super Waste Processor Medical SWP-120

Why don't you exchange your incinerator to SWP because it can solve the carbon dioxin reduction, air pollution, prevention from global warning and plastic waste problem at once!

Super Waste Processor is an innovative decomposer that uses magnetic heat to decompose organic materials into ash and tar without any fuels. Compared with combustion-type incinerators, SWP does not burn, no-smoke, no-carbon, no-dioxin, low-temperature, no smell, long life and dramatically reducing the initial and operational cost. SWP can process both biodegradable and non-biodegradable plastic. SWP is good for hospital, hotel, zoo, park, farm, factory, restaurant, school, stadium, conventional center, shopping center, beach, river, port, garbage collection service, the sparse land that is no garbage collection service, garbage at the registered a UNESCO's world heritage site, and camping areas. SWP is the smart solution for the plastic waste and landfill problems on our earth. It is the best solution for carbon dioxin emission reduction and prevention from global warming and climate change. SWP is created by Daimaru in Japan.

Medical SWP has optional conveyor to deliver containers to the top and optional shredder to crush the medical box.

SWP-120



Conveyor and shredder on SWP-120



Shredder



Scrubber

Plastic waste



Automobile tire



Medical waste



Wood waste



Livestock dropping



Main features of Super Waste Processor

1. SWP does not burn but decomposes organic waste completely by magnetic heat
2. SWP does not burn, so it does not damage the SWP body and has a long life
3. SWP has a scrubber to wash the exhaust gas with cyclone mist water
4. SWP does not generate any poisonous pollutants such as CO₂, NO_x and dioxin
5. No fuel required and small electricity power consumption
6. Only a small amount ash remains
7. Continuous waste feeding ensures an efficient processing
8. Low temperature 300 to 400 °C
9. Few troubles and easy maintenance by the simple structure
10. Low running and maintenance expenses
11. Waste turns to 1/300 ash and tar finally
12. The material that containing water need to be dried
13. Special sealing prevents leakage of magnetic forth outside.
14. Smoke dissolving function remove smells

Treatable materials

Plastic (Biodegradable and non-biodegradable), automobile tire, printed circuit board, styrofoam, wood, medical waste, livestock waste, food, coffee beans, chocolate, rice, paper, fabrics sawdust etc.

Untreatable materials

Steel, metal, iron, stone, glass, can, concrete, battery, shell, ceramic, PVC etc.

Pre-processing

Waste that containing water need to be dried or mix with other dried waste

Big waste need to be cut with 5 to 10 cm

Medical waste

Safety is secured because medical waste in a container can be processed as it is.

Waste changes every 3 hours



3 hours



6 hours



9 hours



12 hours



18 hours

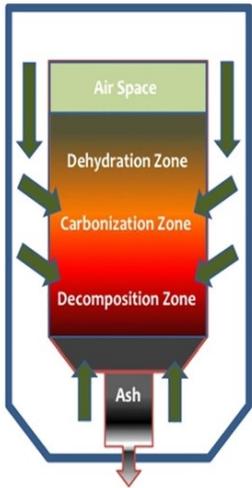
Structure of SWP and ash

Irradiate by magnetized air to low temperature pyrolysis and carbonization

Waste is dried on the drop panel in the middle. After closing the top cover, waste drops down to the decomposition zone.

Ash on the bottom

Waste turns to ash that the volume is 1/300 of the original material



If your company wants to introduce our technology to manufacture and sell it in your country, we will gladly make an OEM contract to provide our Japanese technology.

By scanning the QR bar code on the right side, you can view the latest information and video of this product.



Specification of Super Waste Processor

Model	SWP-80	SWP-120	SWP-180	SWP-M120(Medical)
Method	Magnetic heat method			
Measurement mm	2,000X2,500XH2,200	1,800X3,500XH3,200	2,500X4,500XH4,200	1,800X3,500XH3,200
Daily processing volume m3	0.5 to 1.5	2.0 to 7.0	5.0 to 12.0	2.0 to 7.0
Electric consumption/200V	3kWh	5.6kWh	2X of SWP-120	5.6kWh

Test report of exhaust gas concentration from SWP

Applicable Items	Result	Unit	Standard	Measuring methods
Dioxin	2	Ng-TEQ-m3	Below 5	Rapid and simple analysis of dioxin
Soot	Less than 0.01	g/m3N	0.25	Meet the standard JIS Z-8808
Sulfur oxide	Less than 0.01	m3N/h	0.08	Meet the standard JIS K-0103
Nitrogen oxide	Less than 10	Cm3/m3N	250	Meet the standard JIS K-0104
Hydrogen chloride	0.9	Mg/m3N	700	Meet the standard JIS K-0107

Manufacture: Daimaru Seisakusho

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