



TESLAENERGY
BLACKHOLE



BlackHole[®]

Waste Disposal Machine

A Make In India Initiative towards a
Cleaner Greener Environment

Partner: Parinishtaa Eco Solutions



Frequently Asked Questions



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SR NO	QUESTION	ANSWER
1	How many feeding points does The BlackHOLE® have and what are the feeding inlets.	The BlackHOLE® has One Primary inlet chamber located on top of the machine. This inlet chamber is the feeding point for dumping the waste inside The BlackHOLE®
2	Is it safe to open the input door? Will there be flames or smoke when the input door is opened	There are two chambers created wherein the top lid is opened and waste is dumped and the lid is closed post which the chamber of the 2nd door is opened which drops the waste inside the treatment chamber of The BlackHOLE®. There is no exposure of smoke while the machine is fed with waste provided this mechanism is followed
3	How does the BlackHole work.	The core of The BlackHOLE® has components which create a negatively charged atmosphere inside the main chamber. There is programmed oxygen input which is let inside the chamber through specially designed valves. The oxygen input is positively charged and once inside the chamber, there is plasmic heat created with the negative and positive energies. This helps take temperatures as high as 750 degrees inside the chamber and compresses and melts the waste which is fed inside The BlackHOLE®.
4	Why does the Initial system require minimum 1 week time to reach operational stability to obtain optimum output performance.	The BlackHOLE® performance starts instantly upon commissioning. The stabilization period is required for the entire chamber and all the valves to perform at peak efficiency levels. This only increases the efficiency of the Machine and has no bearing on the performance or treatment process.



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5	Any Black hole pre-installation requirement on site?	A concrete platform, a shed with a roof and basic water connection for the scrubber with an electricity connection for the motors
6	How many hours will it take to completely install The BlackHOLE®?	The commissioning of The BlackHOLE® takes 72-96 hours for taking The BlackHOLE® Live
7	What is the Output from treating the waste in The BlackHole® and what quantity & uses of the residue.	The primary output is ceramic ash. The waste fed into the blackhole compresses the waste by 1/300-1/400 times the input waste. The scrubber treats the gases and filters the tar which gets accumulated in the water tanks and can be skimmed out at regular intervals. The tar is a burning fuel and can be used for variois burning purposes apart from being mixed in road laying and acts as a stretghning agent. The ceramic ash can be used for various purposes including land-filling, brick making industry as well as a strengthning agent for road laying
8	Does The BlackHOLE® generate electricity as well	Yes, the next generation of The BlackHOLE® which CO-generates electricity is under testing at the Mathikere ward in Bangalore
9	What are the specific parts of the Black hole that can be manufactured locally? Indicate on a picture if necessary	Under licensing from TeslaGreen INC, the whole unit of BlackHole can be manufactured locally. For this a licensing agreement has to be in place. The Central Processing unit will be what TeslaGreen & TeslaEnergy will manufacture and will remain under its control
10	If an order for a unit of The BlackHOLE® is signed and confirmed, what is the lead time for delivery and installation?	60 days for shipping the equipment from the date of order with 50% advance. Post manufacturing another 40% has to be paid vide LC on proof of shipping and balance 10% upon commissioning of the equipment



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11	Shipping point of origin?	Manufacturing unit at Bangalore, Port of shipping can be Chennai, Vishakapatnam, Mumbai depending on destination.
12	Are there Licensing opportunities available ?	Yes,the licensing arrangements can be discussed with Dr.Dhyllon at drdhyllon@teslasgreen.com
13	What are the prices and models available ?	For detailed pricing and model options please email at sidharrth@parinishtaa.in and drdhyllon@teslasgreen.com
14	Do's and Don'ts in The BlackHOLE® maintenance and operation?	The operation is very simple, one needs to avoid absolute watery substances from being fed in The BlackHole® which reduces the efficiency of The BlackHOLE®. Glass, Metal and Ceramics should ideally be separated from the waste, however even if fed, the system efficiency does not reduce nor does it impact the machine. • For efficient and quick disposal, No atmospheric air allowed to pass through the machine during the decomposition process. • All Magnetic Valves should be closed before opening the main door of the machine to input the garbage for next cycle



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15	Common problems in The BlackHOLE® operation?	None as long as the chamber is cleared of ash residue regularly. The scrubber will need regular maintenance for clearing any clogs in the filteraion system
16	What are the Moving Parts inTthe BlackHOLE®	The BlackHole primary equipment has zero moving parts and will run uninterrupted. However the scrubber and motors require maintenance for which training will be imparted to local teams
17	What skill levels are needed for installation and maintenance of The BlackHOLE®	A Supervisor with an engineering background and a few mechanical labour are sufficient to install and maintain the BlackHole
18	What is the processing time for each capacity Machine	The BlackHOLE® can run 24/7 and the efficiency depends on the moisture content in the waste. However for academic reasons a 1:1 ratio is considered. A 1 Ton Capacity would be able to treat 1 Ton of waste per day, Similar is the case for the 2 ton, 5ton, 10 ton, 25 ton, 50 ton and 100 ton machines
19	What is the Relation between TeslaGREEN Inc. and TeslaENERGY Pvt Ltd	TeslaGREEN INC , United States is the primary patent holder for the technology which is patented in more than 151 countries around the world. The R&D on technology is done in the United States and then transferred to the Wholly Owned Indian subsidiary of TeslaGREEN INC, which is TeslaENERGY Private Ltd. TeslaEnergy India, takes care of the refining of the R&D and progresses to the proto stage with registered vendors who exclusively manufacture products for TeslaGREEN Inc. and TeslaENERGY pvt ltd. Hence the main staffing of TeslaGREEN INC is based out of Bangalore with the ,maximum manpower. TeslaGREEN INC along with TeslaEnergy Private Ltd and Parinishtaa Eco Solutions have offices across India along with its partners and located in Mumbai, Delhi, Guwahati, Pune, Aurangabad, Goa, Raipur etc.

Parinishtaa Eco Solutions