

INCINERATOR



Thermax offers incineration of both hazardous and non-hazardous industrial waste, through an economically feasible and environment-friendly method. Its systems offer the additional advantage of energy/material recovery.

As pollution norms get more stringent, Thermax systems can safely dispose off industrial waste reducing their threat to the environment and human health.

HARARDOUS WASTE MANAGEMENT

Thermax chemical incinerators destroy toxic and hazardous waste from industries. Our systems are designed to effectively burn a wide range of waste - solids, liquids, gaseous, slurries, etc. These systems come with adequate down stream pollution control equipment to ensure adherence to stringent environmental norms.

VOLATILE ORGANIC COMPOUND INCINERATOR

Volatile organic compound (VOC) incinerators from Thermax dispose off VOCs by eliminating fumes, smoke, odours, oily mists and noxious gases from industrial processes and provide a heat recovery option. It converts most of the toxic and hazardous fumes into carbon dioxide and water vapour. Each unit is designed to match individual requirement of temperature, fuel, oxygen supply, mixing and residence time and above all meet stringent air pollution codes.

PAINT SLUDGE INCINERATOR

Destromat pyrolytic incinerators tap Thermax's three decades of expertise in heat transfer and combustion technology to treat infectious and hazardous solid waste. Based on the principle of three T's: time, temperature and turbulence, the incinerators are designed to achieve the desired destruction and removal efficiency (DRE) along with stringent emission norms laid down by the Central Pollution Control Board.

RANGE OF PRODUCTS

- PG Series
- Charging door
- Loading mechanism
- De-ashing door
- De-ashing chute
- I D fan
- Venturi scrubber
- Burner

TECHNICAL SPECIFICATIONS - Incinerator Burning Capacity

Type	PGVS30	PGVS40	PGVS50	PYVS75	PYVS100	PYVS200	PYVS300	PYVS400
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of Waste								
0	8	12	16	35	50	70	110	125
I	11	17	22	45	70	100	135	170
II	16	25	35	65	85	135	185	230
III	14	23	32	55	65	110	170	250
IV	12	17	22	35	50	55	80	110

APPLICATIONS

*Incinerator Burning Capacity (Kg/hr)

- Automobiles
- Hospitals
- FMCG sector
- Paint Industry
- Pharmaceuticals

ADVANTAGES

- Multi-chamber design
- Totally indigenous design
- Based on controlled air principle
- Minimum site work for erection and commissioning
- Adequate instrumentation for safety and control
- Technical registration with DGS&D
- Tested and certified by Central Pollution Control board (CPCB)
- Nationwide network of sales and service franchisees