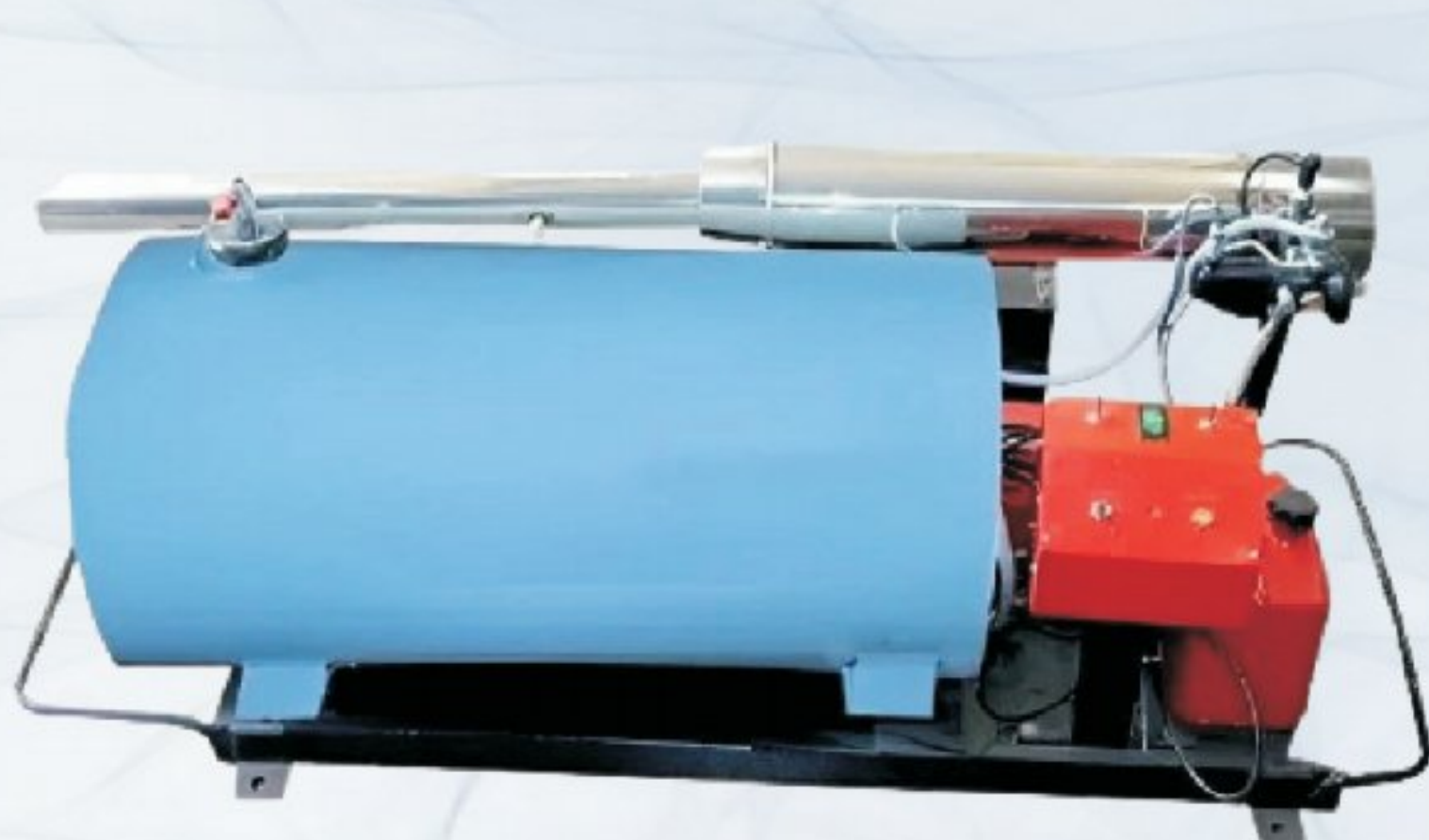




# HAMMER

## FOGGING MACHINE



### APPLICATION

HAMMER Fogging Machines: Are our High Performance Fog generators for the efficient combating of Mosquitoes which carry the deadly Malaria Virus, Insects, Pests, Vectorborne diseases and bacteria.

- Plant Protection in green houses and plantations (Vegetables, Grapes, Mango, Sugar Cane, Tea, Coffee, Cotton, etc.)
- Stock Protection in Grain Silos, store rooms and production plants (food and agricultural plants, Factory godowns, Textile and tobacco plants.)
- Health and hygiene in human inhabited areas and in animal shades (Vector and Anti Malaria Operations, Communicable disease control and Pest Control.)

### ADVANTAGES

The thermo-pneumatically produced fog guarantees highest efficiency and excellent penetration, with a minimum quantity of chemical preparation, an optimal effect and coverage is achieved. In comparison with conventional methods, fogging equipment achieves approx 90% labour saving when treating open spaces and larger areas. This technique also provides a valuable contribution to the environment as there is No Soil contamination due to dripping losses and chemical residuals are reduced more rapidly. By means of different nozzles provided with the machines, either the UIV (Ultra Low Volume) or the LV (Low Volume) application can be employed.

### WORKING PRINCIPLES



HAMMER fog generators are petrol driven and work on a pulse-jet Principle. A Fuel-Air Mixture is ignited in the combustion chamber and the deflagration oscillates a column of gas in the resonator pipe @90 times per second. At the end of the resonator pipe, fogging Solution is injected in the air stream, emerging at high velocity and is dispersed into lightly suspending chemically charged Fog on contact with the outside air. This chemically charged Fog is able to penetrate the entire habitat of the mosquitoes and other pests, thus blocking all escape routes and the encircled Mosquitoes/pests are knocked down instantly. The entire machine has no moving parts during operations, hence there is no wear and tear. Electrical energy is merely consumed at the start for initial ignition.



## TECHNICAL SPECIFICATIONS

Sr.No.	Description	Details
1	Brand Name	HAMMER
2	Machine Name	70ltr Vehicle Mounted Thermal Fogging Machine
3	Type	Vehicle Mounted Thermal Fogging Machine
4	Engine Output (Approx)	37KW
5	Ignition	Electronic Solid Stste
6	Stsrting	Auto Start
7	Full Tankmcapacity (Petrol Without Oil) (APPROX)	6Ltr
8	Average Fuel Consumption (APPROX)	2Ltr
9	Solution Tank Capacity	70Ltr
10	Maximum Output (Depending In Nozzle)	70 Ltr/Hr
11	Empty Weight	45-50Kg.
12	Partical Size	02 To 25 Microns Oil Based Solution
13	Disel Tank And Solution Tank	304 SS Grade
14	Silencer	310 SS Grade
15	Expected Produt Life	5 To 7 Years (Subject To Routine Maintanance)
16	ISO	ISO 90:2015 Certified
17	Cecortificate	CE/150002683
18	ICV	ISO14001:2015
19	ISO	Management System
20	WHO	GMP-10055Certified

*Manufactured in India By:*

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