



*Transparent Testing &
Simplified Measurement*

High Vacuum Double Stage Transformer Oil Filtration Machine





FEATURES

1. Available in filter cartridge models.
2. Available in capacity Up-to 600 LPH.
3. Mounting options like mobile(with Jeep Wheel), semi-mobile (with castorwheel) and skid.
4. Improves dielectric strength of the Transformer oil from 25 KV to 65 KV& above In 3 to 4 Passes.
5. Major pipe connections are made of wire braided hoses.
6. Ball valves with SS balls and Teflon seating.
7. Rugged construction, resulting in long years of service.
8. Centralized control panel (Fuse less panel using MCCBs, MCBs).
9. Imported filter cartridges.
10. Powder coated outer panels and internal parts spray painted with PUPaint.
11. Temperature gauge, vacuum gauge, compound gauge, Safety relief valves.

TECHNICAL DATA SHEET

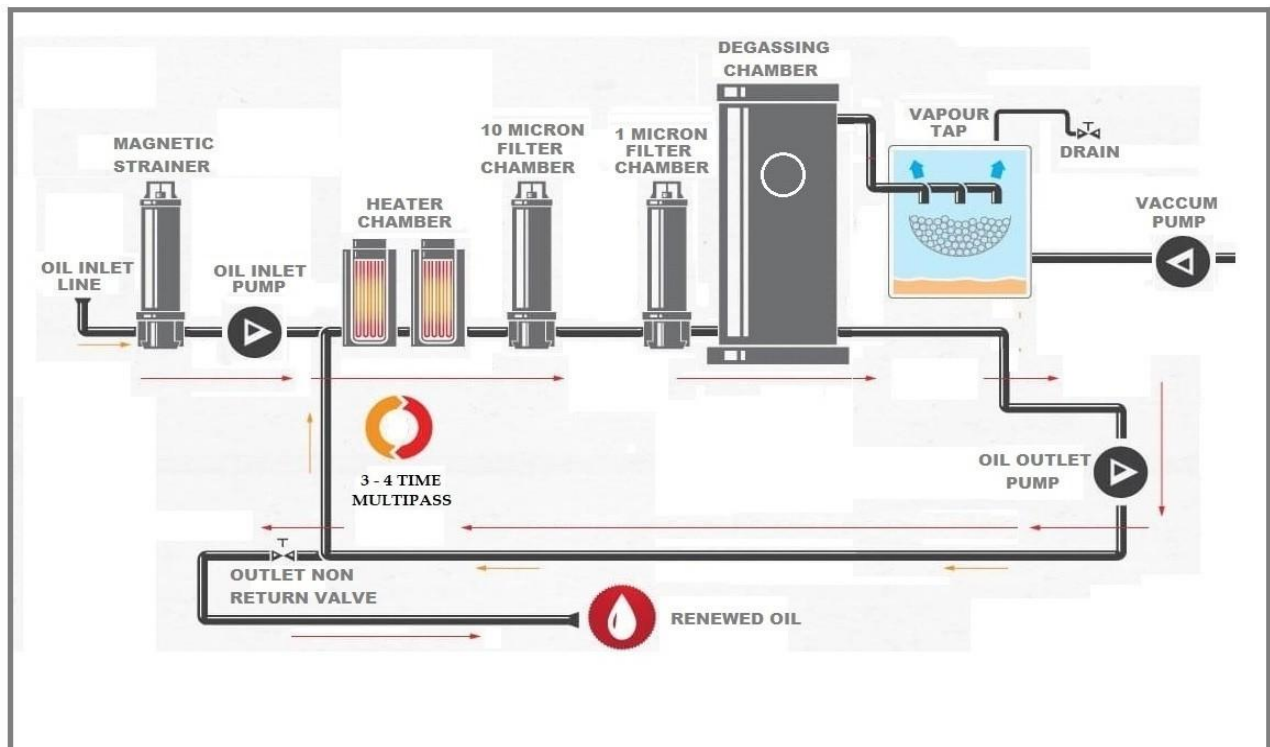
CAPACITY : 600 LPH		
Parameters	Unit	Value
Flow Rate	L/H	600
Inlet Pump	L/M	20
Outlet Pump	L/M	20
Heating Power	KW	9
Vacuum Pump	L/M	200
Inlet/Outlet	mm	Φ12
Magnetic Strainer	Micron	50
SecondaryFilter	Micron	2 No.10μ 2 No. 1μ
Operation Temperature	°C	40 ~ 70 (65°C is best)
Power Supply		390-450 VAC, 3 Phase, 50 Hz
Ambient Temperature	°C	-25 ~ 55
Weight	KG	350
Inlet/OutletHose Pipe	Meter	10 Meter Each.

Oil Data Before and After Treatment :

Parameter	Used Oil	After Treatment
Moisture (Water Content)	≥20 ppm	≤ 5-10 PPM
Gas Content	10%	≤0.1% (Vol)
Particle size (Filtration Level)	50-100 micron	≤ 1 micron
Breakdown Voltage (Dielectric)	25 kV	≥ 65KV

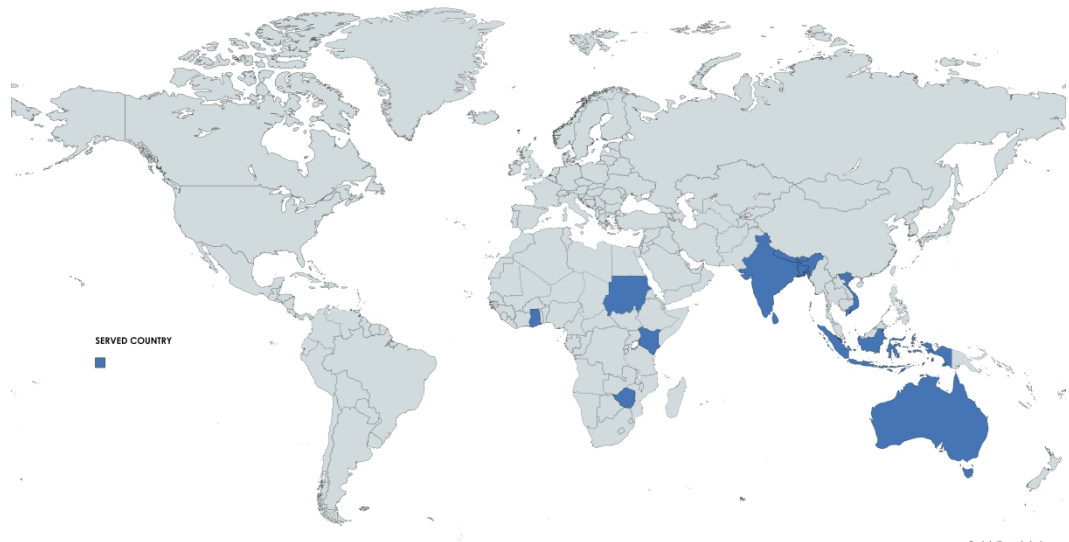
Working Principle :

When this machine start working and vacuum degree is upto the set value, the used oil will be sucked into the primary filter & secondary filter under the pressure difference, the primary filter & secondary filter will remove the big size impurities/ particles, then the oil which just contains the tiny particles is heated by the heaters. Then the heated oil enter into the vacuum separator, through the function of vacuum pressure and degassing system, the moisture content in the oil, which is vapoured & separated from the oil quickly, is either discharged under the process of the vacuum system or refrigerated to liquid water into water receiver, meanwhile de-gasification work is completed. The last procedure is that the fine filter removes the tiny impurities completely. Finally, clean oil goes out through the oil outlet.



*All Pictures are for reference only.

OUR PRODUCT IS SERVING THROUGHOUT THE GLOBE



CONNECT WITH US :



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S.B.ELECTROTECH

124, SIKDAR PARA, RAJPUR, KOLKATA,
ZIP CODE : 700 149, WEST BENGAL, INDIA

Ph. : +91-7278354202 , +91-9477423085

Website : www.sbelectrotech.org

Email Id : info@sbelectrotech.org || sales@sbelectrotech.org

