



Vidhata[®]

A.C. Alternator

- ✓ 12.5 To 62.5 KVA
- ✓ LATEST SBL TECHNOLOGY
- ✓ BIG BEARING SHELL
- ✓ HEAVY DUTY
- ✓ LONG LIFE

**"DESIGNED TO RUN
ON TRACTOR PTO"**



100% RELIABLE

Factory Fitted Alternator with stand, tractor operated, alongwith PTO shaft, Pulley, Belts

विधाता[®]

TRACTOR OPERATED A.C. ALTERNATORS

Specifications

VIDHATA AC Generators (Alternators) have been used for most fastidious applications:

- Diesel Generating Sets for Domestic, Commercial and Industrial applications.
- Agricultural applications to be operated by Tractor PTO.

Insulation

- Insulation system is class H and temperature rise limited to class F.

Voltage

- AC Generators are rated for Single Phase - 230 Volts, Three Phase - 415 Volts, 1500 RPM, 50 Hz, 0.8 pf (lag). Other voltages can also be considered on request.

Construction

- VIDHATA AC Generators are available in rotating field, self excited and self regulated in semi-brushless and compounding system.
- The stator frame is of rolled steel with welded feet.
- Rotor core is made up of cold rolled steel sheets held under pressure on the grounded steel shaft.
- End-shields are of cast iron construction.
- Transformer Mounted on top.

Electrical performance

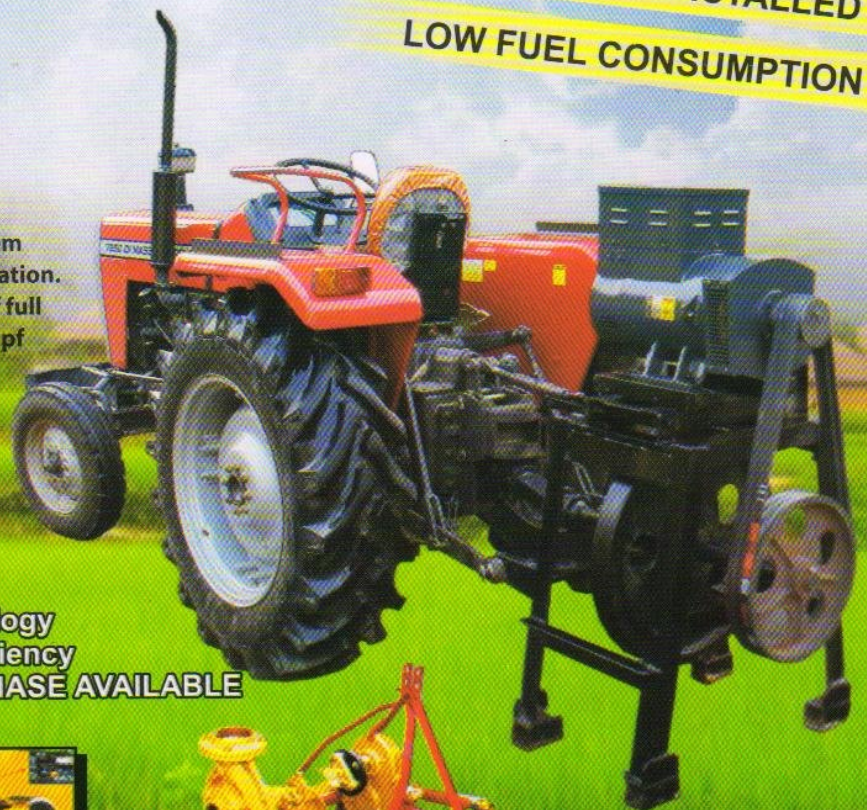
- Bridge rectifier.
- Good overload characteristic.
- Voltage regulation within $\pm 5\%$.
- Voltage adjustment range is $\pm 5\%$ of nominal voltage
- Good motor starting capability, the compounding system giving 2.5 to 3 times of full load capability for short duration.
- Sustained short circuit current in the order of 3 times of full load current Voltage dip on application on full load 0.8 pf on the order of 10 to 15%.

Enclosure

- Screen protected drip proof IP 23 as per IS 4691.
- Standard Ratings.
- All ratings are based on 40°C ambient.
- 1000 meters above sea level.

Transformer Type to Sustain Torque Load
Rotating Field Based on European Technology
Low Diesel Consumption Due to High Efficiency
RPM-1500, THREE PHASE AND SINGLE PHASE AVAILABLE

ROBUST
HEAVY STAND
HEAVY FLY WHEEL
CONSTANT POWER
FACTORY INSTALLED
LOW FUEL CONSUMPTION



PTO PUMP

Manufacturer & Exporter :-

Basant Products (India)

C-46 Foundry Nagar, Hathras Road, AGRA (U.P.)

Ph. : 0562- 2242690, Fax :91 - 562-2240765 Mob.: 9997408448, 9837005782

E-mail : info @ vidhataindia.com, Visit us at : www.vidhataindia.com

