

GENERATOR



Applications

Supplying electricity in areas where electricity is not available or in the event of a power failure. It is a very useful machine but it is important to use the correct machine for the application.

Specifications

Drive: 13hp Petrol engine. kVA: 5 kVA; Output: 5000 watt; Frame: Tubular
Plugs 2 x 15amp 220V plug points; Circuit Breaker: 20 amp; Weight: 88kg;
Size: LxBxH 800x600x550mm

Operation and Basic Maintenance tips

Before operating machine always check oil level and that air filter is clean. Air filter should be cleaned daily.

Top up with multigrade oil if needed

Test the voltage, and amps of the machine regularly to prevent damage to appliances/tools Ensure that the power supply is adequate for the application.

Do not allow overloading of generators. Generators should be run in well-ventilated areas.

Safety Do's and Don'ts

Do not run the generator without a recoil starter.

Do not overload the machine or increase the revs on the machine, 3000 rpm and 50hz is recommended

Make sure the fan on the alternator is always protected. Check overload switch is operational.

PETROL GENERATOR/WELDER



Applications

This machine can be used for general jobbing type welding. For producing burglar proofing, steel gates fencing, steel furniture etc. It has a 220V outlet to allow it to be used as a generator to drive an angle grinder for the grinding process

Specifications

Frame: Round tubing; Prime Mover 13hp Petrol engine; Welding amperage: 200amp; Voltage: 220 V. kVA 7; Accessories: Cable set + earth Clamp+Electrodes etc. Size: L x B x H 700 x 600 x 695mm; Weight: 125kg

Operation and Basic Maintenance tips

Check oil level and filter of the engine daily

Make sure that the welding plugs are properly fitted – not loosely fitted which would cause short

The machine is used 6 min out of every 10min and then should be left to cool for 4 minutes

Clean the weld end out by blowing compressed air through the weld end at least once a week

Must be set to deliver between 220 & 230 Volts.

Safety Do's and Don'ts

Make sure that the cables are not open (connections are insulated and cables are not damaged – no bare wires showing)

Never leave the engine running and the electrodes connected – this leaves an open voltage circuit which can shock persons touching the bare wires.

WELDER



Applications

Welding and cutting of various materials.

Specifications

AMP: 220; Voltage: 220V; Phase: Single Phase.

Operation and Basic Maintenance tips

Enables brazing and heating of materials without gas.

For Stainless Steel TIG welding and soldering

Weld from left to right for clear visibility

The machine will get hot whilst in use.

Should the machine overturn and oil spills out, refill only with transformer oil. Oil level is shown on the rear label of welder.

Safety Do's and Don'ts

Be sure the power source conforms to requirements specified

When using an extension cord, it should be sufficient thickness and as short as practical

Make sure terminals are always clean and tight. (Loose connections may damage the machine)

Flammable and toxic material should be removed from the vicinity

Be sure to wear protective gear as ultra-violet rays, sparks and gasses are emitted during welding.