

ReflowX

Rolls-Royce Avon Mobile GTG
AVON 1534-102L

Rolls-Royce Avon Mobile GTG

Description

Manufacturer	Rolls-Royce
Model (gas turbine)	AVON 1534-102L
Order / Unit ID	Mobile gas turbine generator set
Year	1978
Condition	Used, mobile package, overhauled 2008
Location	Malaysia
Qty available	1 complete mobile unit
ISO Power Rating	16 MW ISO
Total Service Time	12,000 hours since 2008 rebuild
Typical Range	10–12 MW depending on ambient conditions
Base Load Rating	10.3 MW
Peak Load Rating	16 MW
Generator / Alternator	GEC Generator Model HSG28WH
Fuel system	Dual fuel – Diesel & Natural Gas
Frequency	50 Hz at 1,500 rpm or 60 Hz at 1,800 rpm

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Technical Details

- Trailer enclosure: Heavy-duty road trailer, fully enclosed, weatherproof acoustic housing.
- Fuel system: Complete dual-fuel system (filters, gas separators, pumps, piping) for diesel and natural gas.
- Lube oil system: Pumps, duplex filters, cooler, pressure/temperature control and instrumentation.
- MeeFog inlet air-fogging & air-inlet system: Self-supporting combustion air filter house with 2-stage barrier filters and fogging system.
- Exhaust system: Insulated exhaust duct silencer and stack with splitter-type silencer.
- Control system: SCADA-based computerized central control (Telemecanique) with generator and turbine protection.
- Gas & fire detection system: Integrated detection and protection package for enclosure and equipment

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Avon Mobile Unit



Gas Turbine



Gas Separator



Liquid Fuel System



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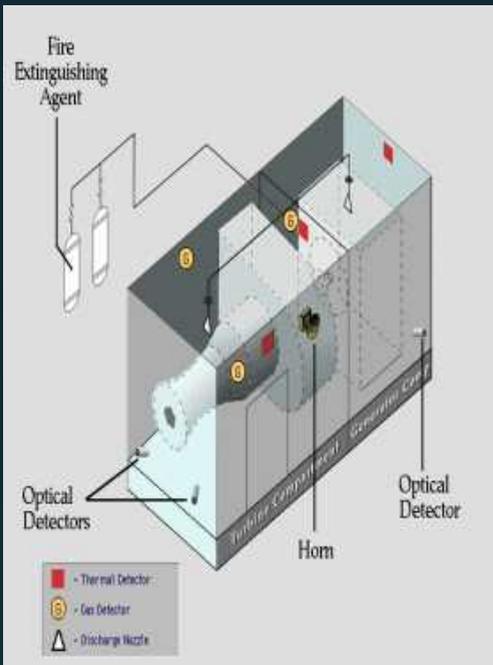
A.C Generator



Gear Box



Gas & Fire detection System



Air Inlet System



Turbine Exhaust



Rolls-Royce Avon Mobile GTG

Electrical System



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