

ABB STAL GT10B – 24.6 MW Gas Turbine Generator Package (GT-1) for Sale

General Details

Quantity: 3 units

Availability (Lead Time): 0-2

Location: Saudi Arabia

Condition: Used

OEM: ABB

Equipment code: Power Generation

The units are in operational condition with full documented service hours and maintenance history.

Engineered for dependable industrial power generation, the package features dual-fuel capability and robust auxiliary systems.

Suitable for:

- Power generation
- Industrial plants
- Utility backup
- Repowering projects

ABB GT10B

Gas Turbine

Feature Specification

Compressor: 10-stage axial compressor

Gas Generator Turbine: 2 stages

Rotor Design: Electron-beam welded

Combustion Chamber: Single annular, Hastelloy-X

Fuel Burners: 18 × dual-fuel burners

Power Turbine

Feature Specification

Number of Stages: 2

Rotor Weight: 975 kg

Nominal Output Speed: 7,700 rpm

Gearbox

Feature Specification

Manufacturer: Flender- Graffenstaden

Model: TX90/4C

Function: Reduces power turbine speed (~7,700 rpm) to generator operating speed

Generator / Alternator

Feature Specification

Manufacturer: ABB

Model: GBA1120SG

Rated Speed: 1,800 rpm

Coupling: Compatible with TX90/4C gearbox output

Support Systems (Included)

System Description

Fuel System: Dual-fuel arrangement (gas & liquid)

Lube Oil System: Complete lubrication skid and components

Control Cubicle: ABB control and monitoring system

Auxiliaries: Pumps, filters, valves, instrumentation, and associated support systems

Technical Details

Model Number: ABB STAL GT10B

Year of Manufacturing: 1995

Fuel type: Dual

Output Power: 24.63MW

Model Number: ABB STAL GT10B

Voltage 60hz

Usage Hours: 93,346 on average for each of the 3 units

ABB

ABB STAL

Finspång Sweden

ORDER No B0617

GAS GENERATOR 9770 rpm

GAS TURBINE type GT10B

POWER TURBINE 7700 rpm

GEAR

FLENDER-

GRAFFENSTADEN

TX90/4C

ISO RATING 24 630 kW

GENERATOR

ABB GBA

1800 rpm



U13.1
No. OF STARTS
001987

U13.2
TOTAL SERVICE
TIME
093346

U13.3
EQ. SERVICE
TIME
120998

U13.4
MW-HOURS
223361

U13.5
MVAR-HOURS
000000







