

# Gas turbine plant including generator & waste heat boiler

Gebrauchtmaschine | Artikel-Nr. 5238

## Technische Daten:

|             |   |
|-------------|---|
| Maschine:   | Gas turbine plant including generator & waste heat boiler |
| Hersteller: | Solar Turbines  |
| Typ:        | Centaur 50 SoLoNox  |
| Größe:      | None  |
| Kapazität:  | None  |
| Jahr:       | 1990ies   |



## Beschreibung:

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### Gasturbine

Manufacturer: Solar Turbines

Type: Centaur 50 SoLONox

year of construction: 1997

Electrical output: 4.200 kWel

Speed: 14.944min.-1 50H

Fuel: natural Gas H

Design temperature: 15°C

Turbine inlet temperature: 665°C (1.229°F)

### Generator (in the package)

Manufacturer: ABB

Type: 3 phase synchronous

Year of manufacturing: 1997

Rated power: 5.450 kVA

Speed: 1.500 rpm

Cos phi: 0.98 (nominal 0.8)

Frequency: 50 Hz

Rated voltage: 10.5 kV

### Waste heat boiler behind the GT - incl. chimney

Type of smoke tube boiler with ECO

Manufacturer: Koethen

Year of construction: 2008

Fuel: Flue gases from a turbine

Perm. heat output: 7.633 kW

Nominal steam output: 13 t/h

Nominal FD pressure: 14.5 bar (g)

Max. permissible FD pressure: 18 bar (g)

FD temperature: 210°C

Water contents: 1,475l

Heating surface: 2.577 m<sup>2</sup>