

Skyline Turbine Services b.v. (STS)

ABC Westland 247
2685 DC Poeldijk
The Netherlands

Phone: +31 (0)174 280875

Mail: info@STS-bv.com

www.sts-bv.com



FOR SALE

Siemens SGT 100 DLE / Typhoon / 4.9 MW

**Power Generation package for sale
(Single shaft)**



Unit was originally installed in 1995, stopped in 2000, re commissioned by us in 2006 and has been serviced by us since then. Received its last overhaul in 2012 including new Siemens supplied HP rotor blades. (expected lifetime is 24000 operating hours)

This unit was originally installed to supply electricity and heating for a large industrial laundry washing factory. When they stopped, the unit was converted to supply city heating and electricity during the cold months of the year.

Chamber of Commerce reg. N°.: 58972153

VAT n°: NL853260801

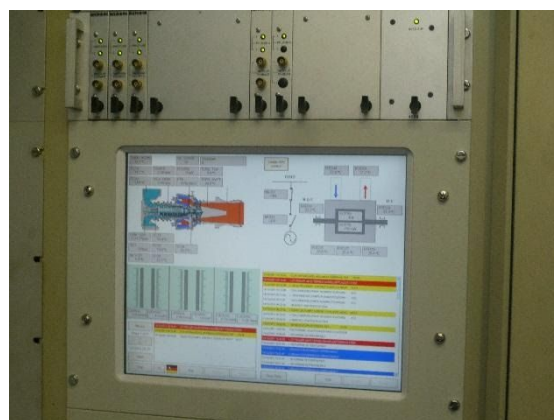
Registered in: The Hague, Netherlands

Unit was shut down in 2015 and although we quoted repairs, customer decided to shut down the plant. We have purchased the plant and Skyline Turbine Services is the owner of the plant.

In 2010 the package received a new gas train. Please see picture below.



In 2011 the controls system was upgraded and the older Rustronic Mark II was replaced by an Allen Bradley based system with a local touch screen control panel



Unit has recently received:

- Overhaul on blow off valve with new piston rings
- New accumulator for emergency shut down
- Nox calibration and certification

Plant can currently be visited, as gas supply has been disconnected and Transformers removed, it can no longer be operated. However, we have all running data, maintenance history and latest NOx report to prove engine complies with current European emission laws whilst in operation.

We can relocate unit, install, commission, provide all parts required now and in the future and perform maintenance on this unit, should you so desire.

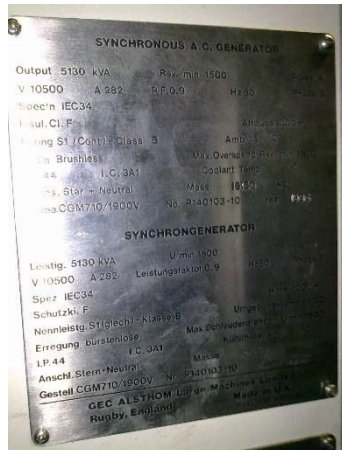
GEARBOX

The gas turbine package has an Allen Gears Gearbox which was serviced in 2012, together with the major overhaul. The gearbox converts the turbine speed to 1500 rpm output and drives the generator.



Generator

Voltage	10.500
RPM	1500
Hz	50
Output	6750 kVA
Insulation class C.I.	F
I.P.	44
Excitation	Brushless
Weight	16150 kg
Poles	4
Phase	3
Conns	Star + Neutral



The package also comes with:

Synchronisation cabinets and gear.



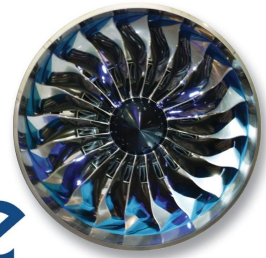
DC battery pack with charger for Emergency loop oil pump feed.

Natural Gas Boost Compressor Package, should the customer require it, indoor type, is available. To remove this unit, we would need to take out a 'wall' and support the above wall/structure when the wall is temporarily removed to extract the compressor. This compressor is electrically driven.

Technical Specifications

Gas Turbine

Power Rating	4.9 MW(e)
Serial Nr.	RM 63
Fuel	Natural Gas
Combustion	DLE
Vibration probes	7200 (White wires)
Running hours package since new	41917



Total starts	720
Running hours to last overhaul	33090
Starts up to last overhaul	654
Last overhaul	2012
Running hours since overhaul	8827
Starts since last overhaul	66