

P.O.Box 130571
20105 Hamburg/Germany

Tel. +49 40 33441944
Fax +49 40 33441945

www.lohrmann.com
info@lohrmann.com

For Sale:	Pre-owned 15 MW Steam Turbine condensing type with extraction and bleed
Ref.-No:	STG-29.23

Brief plant description:

The 15 MW steam turbine is a part of a combined cycle power plant. It was commissioned in 2009. It is in excellent condition, available for sale and relocation.

Description of major plant components:

Turbine

Manufacturer	Siemens
Power output	15 327 kW
Live steam pressure	63 bar
Live steam temperature min / max	488 /522 °C
Live steam flow	82.8 t/h
Bleeding (pressure uncontrolled)	12 bar, 3 - 28 t/h
Extraction controlled	6 bar, 0 - 80 t/h
Exhaust	0.02 - 0.094 bar, 7 - 38 t/h
Rotation speed	7 554 rpm

Gear

Manufacturer	Flender- Graffenstaden
Rotation speed	7 554 / 1 500 rpm

Generator

Manufacturer/Type	Elin / HTM 110 D04
Generator parameters	18 MVA, 10.5 V, 50 Hz
Power factor	0.85

Condenser

Manufacturer	Siemens
Steam flow parameters	46.0 t/h, 0.02-0.94 bar, 18-44.6°C
Cooling water inlet / outlet	10 °C / 39.5°C
Cooling water flow	210 kg/s

Price: on request



Further information on request

Important Disclaimer

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