

P.O.Box 130571  
20105 Hamburg/Germany

Tel. +49 40 33441944  
Fax +49 40 33441945

www.lohrmann.com  
info@lohrmann.com

<b>For Sale:</b>	<b>Pre-owned 30 MW Steam Turbine Generator - Condensing with extraction type -</b>
<b>Ref.-No:</b>	<b>STG-29.72</b>

**Turbine**

Year of construction	2009
Type	CTE 50 – 75 - Extraction condensing turbine
Manufacturer	German
Rotation speed	5443 rpm
Live steam parameters	72 bar, 525°C, 120 t/h
Bleed 1	19,4 bar, 352 deg C, 11 t/h
Bleed 2	6,3 bar, 221 Deg C, 4,2 t/
Controlled extraction	3,3 bara, 156 Deg C, 91,7 t/h
Outlet steam	0,065 bar,
Max flow to condenser	90 t/h
Electrical output	31 MW

**Gear**

Manufacturer	Renk
Type	TB – 850
Rating	33 MW

**Generator**

Manufacturer	Convertim Ltd.
Type	A 183 D4
Rating	38.900 kVA / 31.120 kW , 50 Hz
Factor	0,8
Voltage	10,5 kV
Excitation	brushless
Cooling	Air / Water

**Condenser**

Manufacturer	Bronswerk Heat Transfer
Operation Pressure	0,015 – 0,065 bar
Cooling water flow	2900 t/h
Condensate Pump	100 m3 / h

Condenser is equipped with river water for full condensation with a Taprogge ball cleaning system

**Scope**

Turbine plant is complete with all accessories, as operated before. Complete documentation available  
Plant not yet dismantled

**Budget price**

On request

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