

TUBA Turbine GmbH  
Paul-Ehrlich-Str. 15  
60596 Frankfurt/Germany  
Telefon: +49 69 69 71 61 61  
Telefax: +49 69 69 71 61 41  
Mobil: +49 171 75 25 838  
Mail: [office@tuba-turbine.de](mailto:office@tuba-turbine.de)  
Skype: tubaturbine  
Internet: [www.tuba-turbine.de](http://www.tuba-turbine.de)

(Ref.-Nr.: ST170)

### **31,8 MW Condensing Steam Turbine GEC Alsthom with Extraction, for sale:**



#### **Technical Details:**

<b>Manufacturer:</b>	GEC Alsthom
<b>Type:</b>	TM 2 – 35.8
<b>Year of Manufacturer:</b>	1998
<b>Power:</b>	31,8 MW
<b>Live steam pressure:</b>	71 bar / 510°C
<b>Frequency:</b>	50 Hz
<b>Running Hours:</b>	73 227



**Scope of Supply:**

- Steam Turbine
- Alternator
- Steam piping, instrumentation and valves
- Control panels
- Lubrication system (water cooled)
- Complete building with steel structure
- Technical documentation
- Spare parts

**Price:** 795.000,-- EUR / - subject to prior sale -

**Payment:** Pre- Investment, Financing, IPP, Leasing possible.

**Validity:** 30 days prior to sale

**Delivery:** Immediately

**Option:** Dismantling and Commissioning

**In case you have any questions, please do not hesitate to contact our office.**

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CASE		1	2	3	4
		Max Condesation	Max Extraction	Only Live Steam	Unfired Boiled
Live steam @70 barg/510°C	t/h	103,9	103,9	103,9	59,7
Steam Injection @40 barg/350°C	t/h	10,7	10,7	0,0	0,0
Steam Extraction 5 barg	t/h	0,0	38,4	0,0	0,0
Condesation flow	t/h	114,6	76,2	103,9	59,7
<b>POWER</b>	<b>MW</b>	<b>30,20</b>	<b>24,44</b>	<b>29,34</b>	<b>15,73</b>

#### Steam Flow Range:

- » Live steam: 35 to 103,9 t/h
- » Injection at 40 barg /350 °C: 0 to 10,7 t/h
- » Extraction at 5 barg: 0 to 38,4 t/h

#### E. Flowsheets





















