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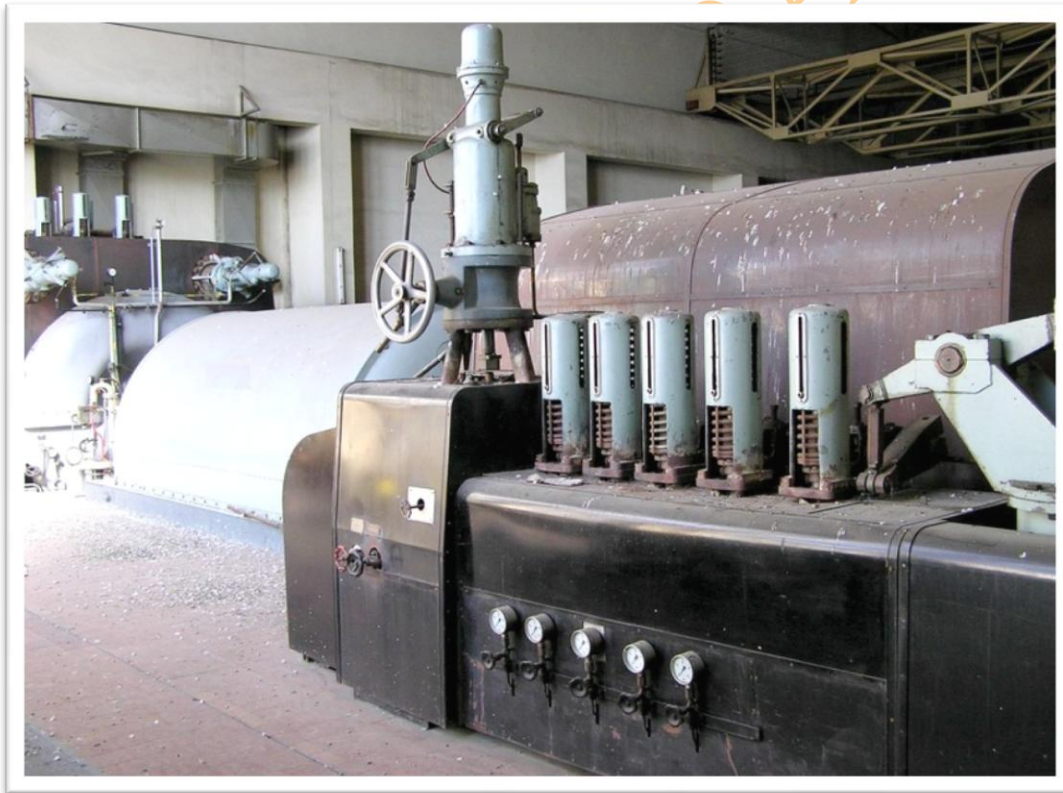
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**THE FOLLOWING CONDENSING TYPE STEAM TURBINE GENERATOR SET IS AVAILABLE FOR SALE WITH IMMEDIATE DELIVERY:**

**1 No. – 20 MW AEG Kanis (1963) make, Condensing type Steam Turbine Generator Set (With Single Controlled Extraction) having the following technical specifications:**



<b>Year of Manufacture</b>	<b>:1963</b>
<b>Year Retired</b>	<b>:2006</b>
<b>Condition</b>	<b>:Good</b>
<b>Operating Hours</b>	<b>:192,173</b>
<b>Last Major Overhaul</b>	<b>:1994</b>
<b>Status</b>	<b>:Installed on foundation</b>

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## **TURBINE DETAILS:**

Manufacturer :AEG-Kanis  
(Germany)

Type : Two casing, impulse  
/reaction steam turbine

### **Rating:**

Most Economical :20,000 kW  
Maximum Continuous :24,460 kW

### **Inlet Flow:**

Rated :135,000 kg/h

### **Inlet Pressure:**

Rated :33 Bar abs.  
Maximum Continuous:40 bar abs.

### **Inlet Temperature:**

Rated :425 °C  
Maximum Continuous:450 °C

### **Controlled Extraction:**

Rated Extraction Press:2.5 Bar abs.  
Maximum ExtrPress :5Bar abs.

Extraction Temp  
(@ 2.5 bar abs)200 °C  
Rated Extraction Flow  
(@ 2.5 bar abs) Min/Max:0 / 80,000kg/h

### **Number of Uncontrolled:**

Bleedings :2

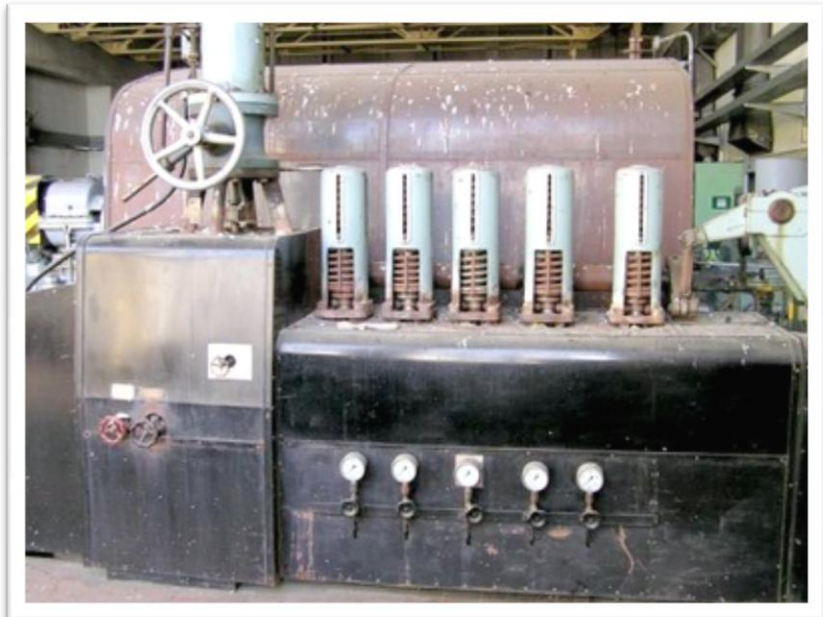
### **Exhaust Pressure:**

Rated :0.026 Bar abs.  
Maximum :0.0375 Bar abs.

Maximum/Minimum :40,000 /

Condenser Flow :8,000 kg/h

Rated Speed :3,000 RPM



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**GENERATOR DETAILS:**

Manufacturer : **AEG-Kanis  
(Germany)**

Type : 2 pole AC generator

Apparent Power : 25,000 kVA

Active Power : 20,000 kW

Power Factor : 0.8

Speed : 3,000 RPM

Voltage : 5,250 V  $\pm$  5%

Current : 2,755 A

Phases : 3

Phase Connection : Star

Frequency : 50 Hz

