

**NITIN CORPORATION**

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

**1 No. – 26.5 MW Franco Tosi (1971) make, Condensing Type Steam Turbine Generator Set having the following Technical Specifications:**



<b>Year of Manufacture</b>	<b>:1971</b>
<b>Year Commissioned</b>	<b>:1973</b>
<b>Year Retired</b>	<b>:1999</b>
<b>Service Hours</b>	<b>:60,370 hours</b>
<b>Condition</b>	<b>:Excellent</b>
<b>Status</b>	<b>:Installed on foundation</b>

## TURBINE DETAILS:

Manufacturer	: <b>Franco Tosi S. P.A., Legnano, Italy</b>
Type	:Single cylinder, reaction steam turbine
Configuration	:Curtis, plus 34 Reaction stages
Economical Rating	:26,500 kW
Maximum Continuous Rating	:26,500 kW
Rated Speed	:3,000 RPM
Normal Inlet Pressure	:60 Bar abs.
Maximum Continuous Inlet Normal Inlet Temperature	:482 C
Maximum Continuous Inlet Rated Exhaust Pressure:	0.0808 Bar abs
Inlet Flow (@ 26,500 kW):	110,000 kg/h

## GENERATOR DETAILS:

Manufacturer	: <b>Brown Boveri, Milan, Italy</b>
Type	:2 pole synchronous AC Generator
Apparent Power	:35,000 kVA
Power Factor	:0.75
Active Power	:26,250 kW
Rated Voltage	:5,000 +/- 5%
Current	:4,050 +/- 5%
Phases	:3
Frequency	:50 Hz

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Speed :3,000 RPM

Connection :Star

**CONDENSER DETAILS:**

Manufacturer :GEA Scamiatori di  
Calore SRL, Monvalle, Italy

Type :Air cooled

Number of banks :2

Number of fans :10

Capacity :120 t/h

Maximum Pressure :0.1 Bar abs

Maximum Temperature :99 C

