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

1 No. - 30 MW Franco Tosi (1964) make, Condensing Steam Turbine Generator Set (With Single Controlled Extraction) having the following technical specifications:



Year of Manufacture	:1964
Year Retired	:2006
Condition	:Very Good
Status	:Installed on foundation

TURBINE DETAILS:

Manufacturer	: Franco Tosi, Italy (Under Licence From Westinghouse)
Type	:Two cylinder, Reaction steam Turbine
Economical Rating	:24,500 kW
Max. Cont. Rating	:30,000 kW
Rated Speed	:3,000 RPM
Maximum Inlet Flow	:115,000 kg/h
Normal Inlet Pressure	:102.4 bar abs
Max. Cont. Inlet Pressure	:110 bar abs
Normal Inlet Temperature	:510 C
Max. Cont. Inlet Temp.	:530 C



EXTRACTION CONDITIONS:

Flow	:0 – 100,000 kg/h
Pressure	:4 bar abs

PERFORMANCE:

Fully Condensing:

Inlet Flow	:89,000 kg/h
Extraction Flow	:0 kg/h
Power	:24,500 kW

Full Extraction:

Inlet Flow	:115,000 kg/h
Extraction Flow	:100,000 kg/h
Power	:19,500 kW



ALTERNATOR DETAILS:

Manufacturer	: Brown Boveri, Italy
Type	:2 Pole, Synchronous Generator
Apparent Power	:36,000 kVA
Active Power	:30,000 kW

Rated Voltage : 10,000 V
Frequency : 50 Hz
Rated Speed : 3,000 RPM

