

**NITIN CORPORATION**

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

**1 No. - 2000 kW TRIVENI (1978) / Crompton Greaves make back pressure type  
steam turbine generator set as per following specifications:**

**Turbine Details:**

Make : TRIVENI (India)  
Year of make : 1978  
Type : 550mm  
Capacity : 2000 kW  
Inlet Steam Pressure : 18/21 Kg/Cm<sup>2</sup>  
Inlet Steam Temp. : 300°C  
Exhaust steam pressure : 0.95 Kg/Cm<sup>2</sup>  
Speed : 8250 RPM  
Trip Speed : 9100 RPM

**Gear Box Details:**

Make : TRIVENI  
Year of make : 1978  
Capacity : 2000 kW  
Input Speed : 8250 RPM  
Output Speed : 1500 RPM  
Ratio : 5.5:1

**Alternator Details:**

Make : Crompton Greaves (India)  
Year of make : 2003  
Capacity : 2000 kW (2500 kVA)  
Speed : 1500 RPM  
Voltage : 420V  
Power Factor : 0.8  
Cycles : 50 Hz  
No. of Phases : 3  
Connection : Star

Complete with Excitor.

**Scope of Supply:**

The TG set is available with following auxiliaries:

- InletValve 1 No.
- StopValve 1 No.
- Exhaust Bellow 1No.
- Oil cooling system having 2 Nos. oil coolers, oil filter, MOP and AOP with electric motor.
- Inter-connected oil pipelines.
- Turbine local control panel.
- Alternator Mounted on baseframe with Excitor.
- Side Mounted Alternator Radiators.

**Note:**

The above STG set was in operation till 2020 and is in excellent condition.

The STG set was in operation at a Sugar Mill in U.P. & can be presently inspected at our warehouse near Delhi.

**General Terms of Business:**

Taxes: GST as applicable will be charged extra.

Terms: One-third with order; balance + GST before delivery.

Delivery: Immediate, ex-warehouse, India.

Offer: Strictly subject to prior sale and/or our final confirmation.

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**PHOTOGRAPHS:**



