

NITIN CORPORATION

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

**1 No. – 12.5 MW Ansaldo (1998) make, Extraction Condensing Type Steam
Turbine Generator Set having the following technical specifications:**

TURBINE DETAILS:

Make : Ansaldo
Capacity : 12.5 MW
Year of Manufacture : 1998
Type : Controlled Extraction - Condensing
Inlet Steam Pressure : 81.4 bar
Inlet Steam Temp. : 495° C
Extraction Steam Pressure : 10.9 bar
Exhaust Steam Pressure : 0.048 bar, 32 Deg. C
Speed : 5800 RPM
Steam flow : 62.5 TPH

Max. Power:

Fully Condensing Mode : 12.5 MW
Extraction Mode : 7 MW

GEARBOX DETAILS:

Capacity : 12500 kW
Input Speed : 5800 RPM
Output Speed : 1500 RPM
Ratio : 3.87 : 1

ALTERNATOR DETAILS:

Make : Ansaldo
Capacity : 13500 kVA
Voltage : 11 kV
Rotation speed : 1500 RPM
No. of Poles : 4
No. of Phases : 3
P.F. : 0.8
Insulation Class : F

**NITIN CORPORATION,
MUMBAI.**

**1 No. 12.5 MW ANSALDO make
Extraction Condensing STG Set**

Cycles : 50 Hz

CONDENSOR DETAILS:

Condenser : Water cooled condenser

Thermal power : 62 MW

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