

**NITIN CORPORATION**

402, 4<sup>th</sup> Floor,  
Bezzola Commercial Complex,  
Sion – Trombay Road,  
Chembur,  
Mumbai – 400071,  
India.

WEB : [www.corponit.com](http://www.corponit.com)

E – MAIL : [enquiry@corponit.com](mailto:enquiry@corponit.com)  
[nitincorporation@yahoo.com](mailto:nitincorporation@yahoo.com)

PH (O) : +91 - 22 - 25235386  
: +91 - 22 - 25234478

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

**1 No. - 5 MW MAN Turbo (2005) make, Extraction Condensing type Steam Turbine Generator Set having the following technical specifications:**

**DETAILS:**

Manufacture : B+V Industrietechnik/MAN TURBO  
Year of make : 2005  
Number of Starts : Approx. 130 starts  
Status : On Foundation, In Service  
Condition : Excellent, Well Maintained  
Services : 1 small service executed by the manufacturer.  
1 large service executed by third party, specialized in rotating equipment.

**STEAM TURBINE DETAILS:**

Type : MARC2-C10  
Rated power : 5000 kW  
Rated speed : 12.000 RPM  
Live steam pressure : 65 bar  
Live steam pressure (Max.) : 65 + IEC  
Live steam temperature : 480°C  
Live steam temperature (Max.) : 480 + IEC  
Live steam flow : 24,75 t/h  
Live steam flow (Max.) : 28,00 t/h  
Extraction pressure : 1.7 bar  
Extraction pressure (Max.) : 3.5 bar  
Extraction temperature : 115°C  
Extraction temperature (Max.) : 150 + IEC  
Extraction steam flow : 15 t/h  
Extraction steam flow (Max.) : 18 t/h  
Exhaust pressure : 0,15 bar

Exhaustpressure(Max.) : 0,6 bar  
Exhausttemperature : 54°C  
Exhausttemperature(Max.) : 86°C

**REDUCTION GEAR DETAILS:**

Manufacture : Renk  
Type : Planetary gearset CPG90Z-3M  
Rated power : 6.200 kW  
Input Speed : 12000 RPM  
Output Speed : 1500 RPM  
Ratio : 8 : 1

**GENERATOR DETAILS:**

Manufacture : ELIN  
Type : HTM – 171 D04  
Rated power : 5100 kW  
Speed : 1500 RPM  
Voltage : 6,3 +- 5% kV  
Current rating : 584A  
Frequency : 50 Hz  
Cos : 0,8  
Cooling : Water

**CONTROL SYSTEM DETAILS:**

SIEMENS S7

**PHOTOGRAPHS:**







NITIN

