

NITIN CORPORATION

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THE FOLLOWING WASTE HEAT RECOVERY STEAM BOILERS ARE AVAILABLE FOR SALE WITH US WITH IMMEDIATE DELIVERY:

2 Nos. – 65.7 TPH each, Macchi make Waste Heat Recovery type Steam Boilers having the following technical specifications:



**Condition
Status**

**:Excellent
:Installed on Foundation**

BOILER DETAILS:

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**2 Nos. 65.7 TPH each, Macchi make Waste Heat
Recovery Boilers.**

Manufacturer : Macchi
Serial Nos. : 1663/1664
Thermal Rating : 55,330 kW
Net Thermal Efficiency COP : 90.32%
Net Thermal Efficiency COV : 92.48%

Steam Flow:

Design (Normal) : 65,700 kg/hr
Maximum Continuous : 71,240 kg/hr
Minimum : 43,000 kg/hr

Steam Pressure : 130 bar abs.

Steam Temperature : 513 +/- 5 Deg. C

Fuel : Waste Heat/
Siderurgic Gas/
Natural Gas

NOTES:

1. The plant is designed to burn waste process gas from steel works, which is called LDG gas (steel converter and blast furnace gas).
2. Natural gas is mixed with the LDG in order to burn any residual Carbon Monoxide and also to improve the calorific value of the gas (typically between 700 to 2,100 kcal/Nm³/h for LDG).
3. The 2 Nos. heat recovery steam generators are equipped with supplementary firing and have the added advantage in that they can operate autonomously without the need for the gas turbines to be in service.
4. Both are equipped with a forced draft (FD) and gas recirculation (GR) fan. This helps to raise flue gas temperatures when firing syngas with a low calorific value.

PHOTOS:

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