

Power Train GE design based
440 MW - 50 Hz dual fuel (gas/
oil) fired

Unused, originally packed, full
warranty/guaranty



Technical description: Steam Turbine AE RT20-33

Steam Turbine AE RT20-33 is n°1 tandem-compound reheat steam turbine and consists of a high pressure (HP) section, an intermediate pressure (IP) section and a low pressure (LP) section, double flows type, with vertical downward exhaust.

The steam turbine has one connection for district heating purpose that operates as controlled extraction in district heating mode by means of a butterfly valve, hydraulically operated, installed in the cross over pipe.

The main components of the steam turbine are:

- Turbine outer and inner casings of HP, IP and LP sections
- Reaction type blading
- Precision forged last stage blades
- HP, IP and LP rotor
- Integral expansion sleeve coupling

Total life cycle – 25 years with replacement (renovation)
of spare parts and components,

Heatproof elements life cycle = 200 k hours.

