

# SGT5 - 4000F GAS TURBINE

**WE ARE OFFERING THE LATEST  
GAS TURBINE OF SEIMENS  
ENERGY FOR POWER PLANTS**

## **Turbine**

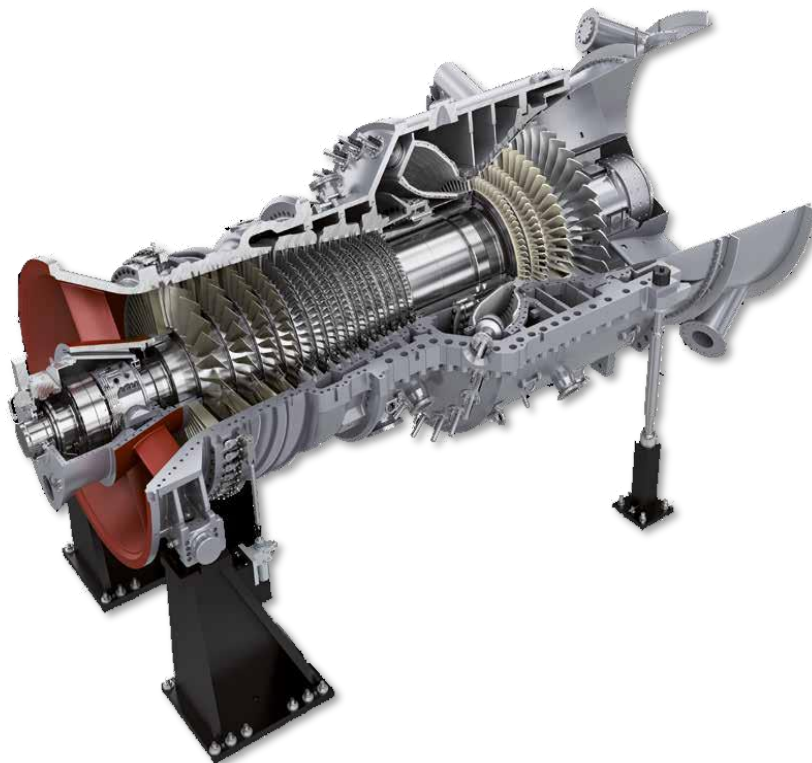
- High cycling capability due to fully air-cooled hot gas path without cooling air coolers
- Four stages with film cooling and thermal barrier coatings: Well-balanced turbine load optimizes life-cycle costs

## **Combustion**

- Dry-Low-NOX hybrid burners, for low emission operation with gaseous and liquid fuels

## **Bearing**

- Hydraulic Clearance Optimization (HCO) improves performance and minimizes degradation by active control of clearances at start-up and shut down



No.	Parameter	Unit	Value
I	Operating Fuel		Natural gas
II	Gross power output (GPO)	MW	300
III	Gross heat (GHR)	kJ/kWh	8979
IV	Grid frequency	°C	15
V	Ambient relative humidity	%	60
VI	Ambient barometric pressure	mbar	1013
VII	Nitrogen Oxide	mg/Nm <sup>3</sup>	≤ 100
VIII	Particulates	mg/Nm <sup>3</sup>	≤ 20
IX	Surface sound pressure level	≤ 95	

## **ABASIC PARAMETERS**

### **Parameter**

Y.O.M  
Manufacture  
Operating  
Actual CapEx

**Asking CapEx / Price**

### **Description**

2020  
Germany  
Zero hour / Never operated  
350 million Euro

**260 million Euro  
Two Hundred & Sixty million Euro**

**CONTACT US TODAY  
TO GET THE  
TECHNICAL SHEET  
(587) 975 -7462**