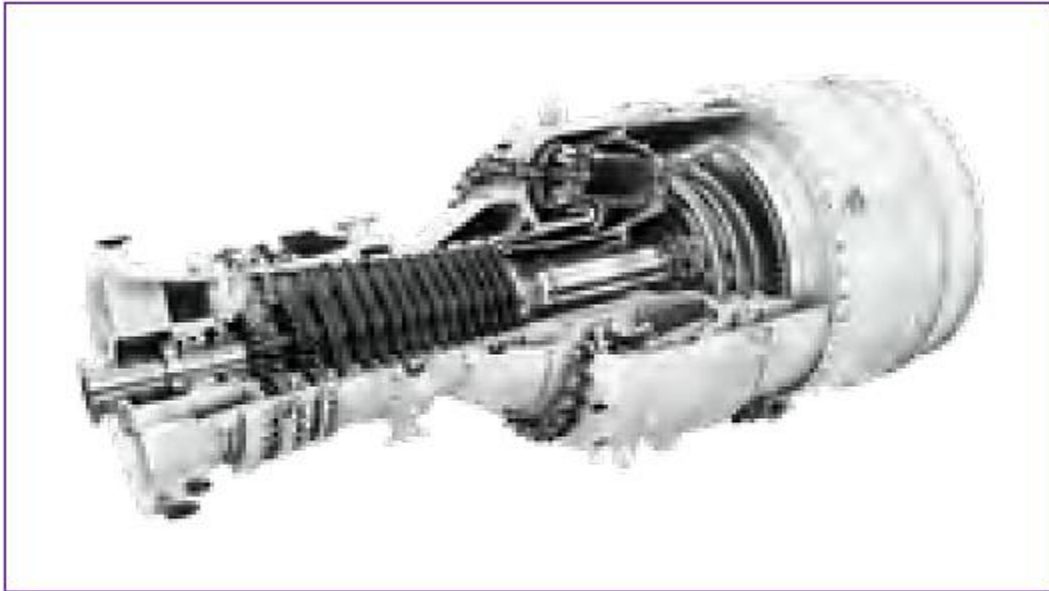


SGT 800 Siemens Gas Turbine – additional information



SGT-800 core engine is available with different ratings



Robust dual-fuel DLE system for low environmental footprint.

Excellent fuel flexibility allows e.g. for high content of inert gases, hydrogen and heavy hydrocarbons in the gas fuel composition.



SGT-800 classic package – consists of preassembled modules for easy transportation and installation at site



SGT-800 single lift package – small footprint and short installation and commissioning time at site; including 48h core engine exchange capability.

SGT-800: Performance data

	45 MW
Power output	45.3 MW(e)
Fuel	Natural gas; dual fuel (gas/liquid)
Frequency	50/60 Hz
Gross efficiency	38.4%
Heat rate	9,381 kJ/kWh (8,892 Btu/kWh)
Turbine speed	6,600 rpm
Pressure ratio	18.3 : 1
Exhaust mass flow	115.1 kg/s (253.7 lb/s)
Exhaust temperature	574 °C (1,065 °F)
NO _x emissions ¹	≤ 15 ppmvd

SGT-800: Physical dimensions

	Classic package*
Approx. weight	285,000 kg (628,300 lb)
Length	20.8 m (68 ft)
Width	7.3 m (24 ft)
Height	6.6 m (22 ft)

Typical examples shown. Package dimensions include the AC generator but exclude inlet filter housing and exhaust stack.

* Dimensions and configuration depending on rating.