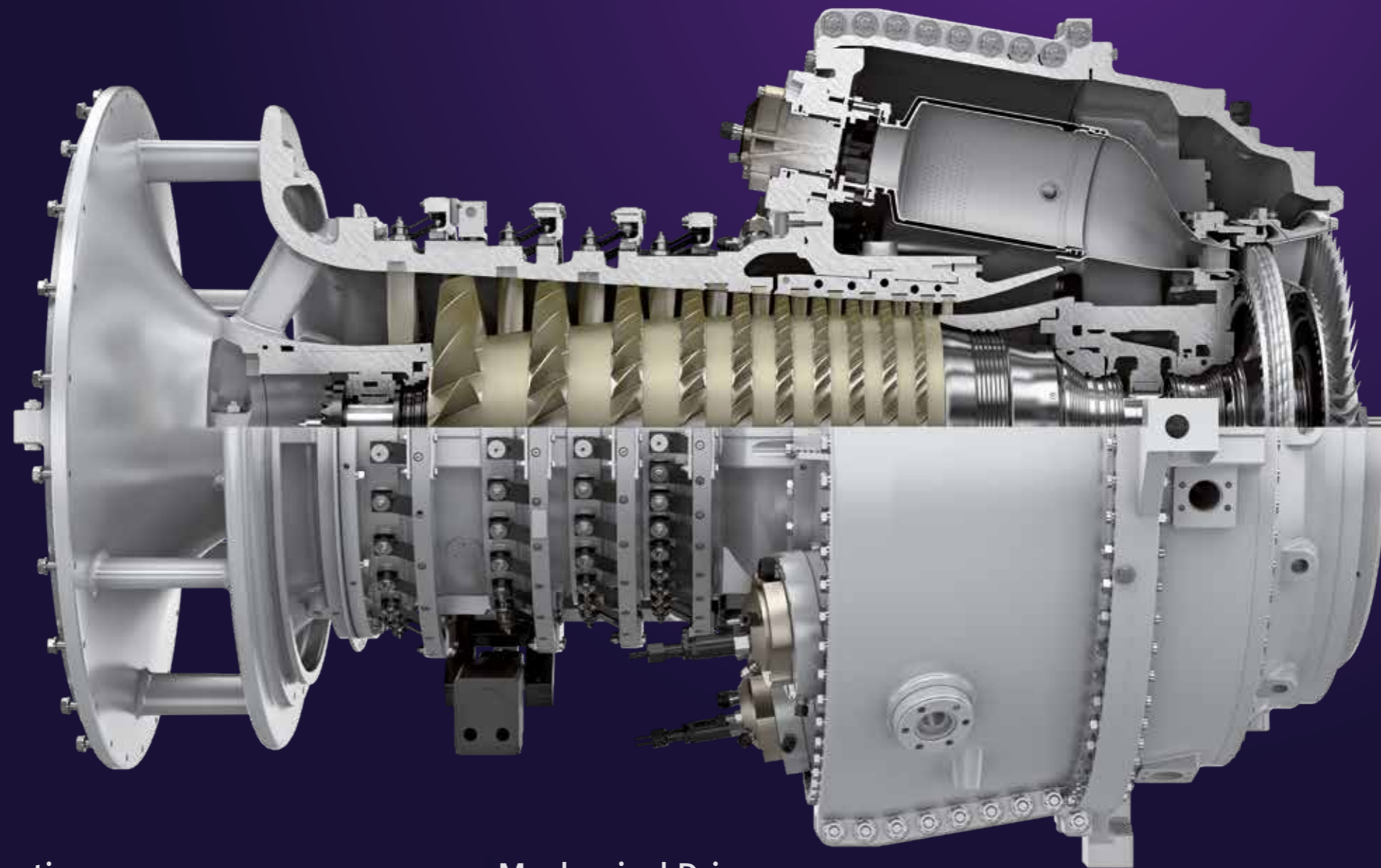


Industrial gas turbine SGT-100



Power Generation

Power	5.1 MW	5.4 MW
Gross efficiency	30.1%	30.2%
Heat rate	11,945 kJ/kWh (11,317 Btu/kWh)	11,913 kJ/kWh (11,287 Btu/kWh)
Turbine speed	17,384 rpm	17,384 rpm
Pressure ratio	14.0:1	15.6:1
Exhaust mass flow	19.5 kg/s (43.0 lb/s)	21.0 kg/s (46.3 lb/s)
Exhaust temperature	544°C (1,011°F)	549°C (1,020°F)

Mechanical Drive

5.7 MW	
Gross efficiency	33.5
Heat rate	10,762 kJ/kWh (7,606 Btu/hph)
Turbine speed	5,750–12,075 rpm
Pressure ratio	14.4:1
Exhaust mass flow	19.5 kg/s (43.0 lb/s)
Exhaust temperature	544°C (1,011°F)

