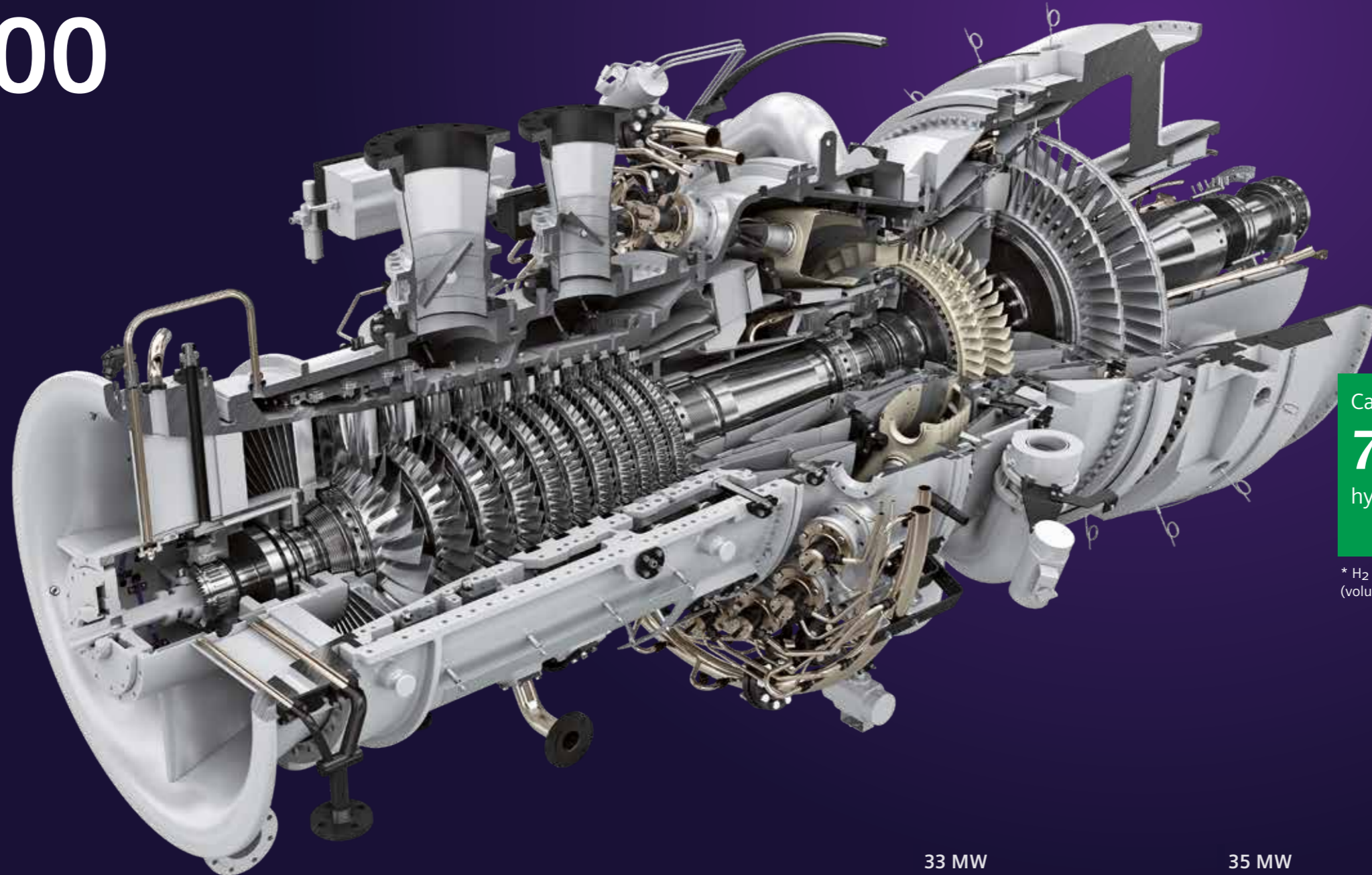


Industrial gas turbine SGT-700



Capable to burn
75%*
hydrogen



* H₂ content in natural gas
(volume percent)



[siemens-energy.com/gasturbines](https://www.siemens-energy.com/gasturbines)

	33 MW	35 MW
Gross efficiency	37.2%	38.0%
Heat rate	9,675 kJ/kWh (9,170 Btu/kWh)	9,466 kJ/kWh (8,972 Btu/kWh)
Turbine speed	6,500 rpm	6,500 rpm
Pressure ratio	18.7:1	20.4:1
Exhaust mass flow	95.0 kg/s (209.4 lb/s)	98.7 kg/s (217.6 lb/s)
Exhaust temperature	533°C (991°F)	531°C (988°F)

NOTE: All performance values are based on standard design, ISO ambient conditions and natural gas fuel.