

Standard single-lift power generation module for floating platforms.



Rooftop installation in a cultural urban environment at Wurzburg, Germany.

Package

Key features

- Compact layout
- Same footprint and commonality with the SGT-600
- Flexible installations based on standardized package solutions
- Major components delivered on a common base frame
- Fast and easy installation
- Skid-mounted with single-lift capacity
- Pre-commissioned at the Siemens workshop to reduce time at site
- Simple on-site works due to flexible package design
- State-of-the-art control system fulfills all requirements for control and safety
- Can easily communicate with other control systems

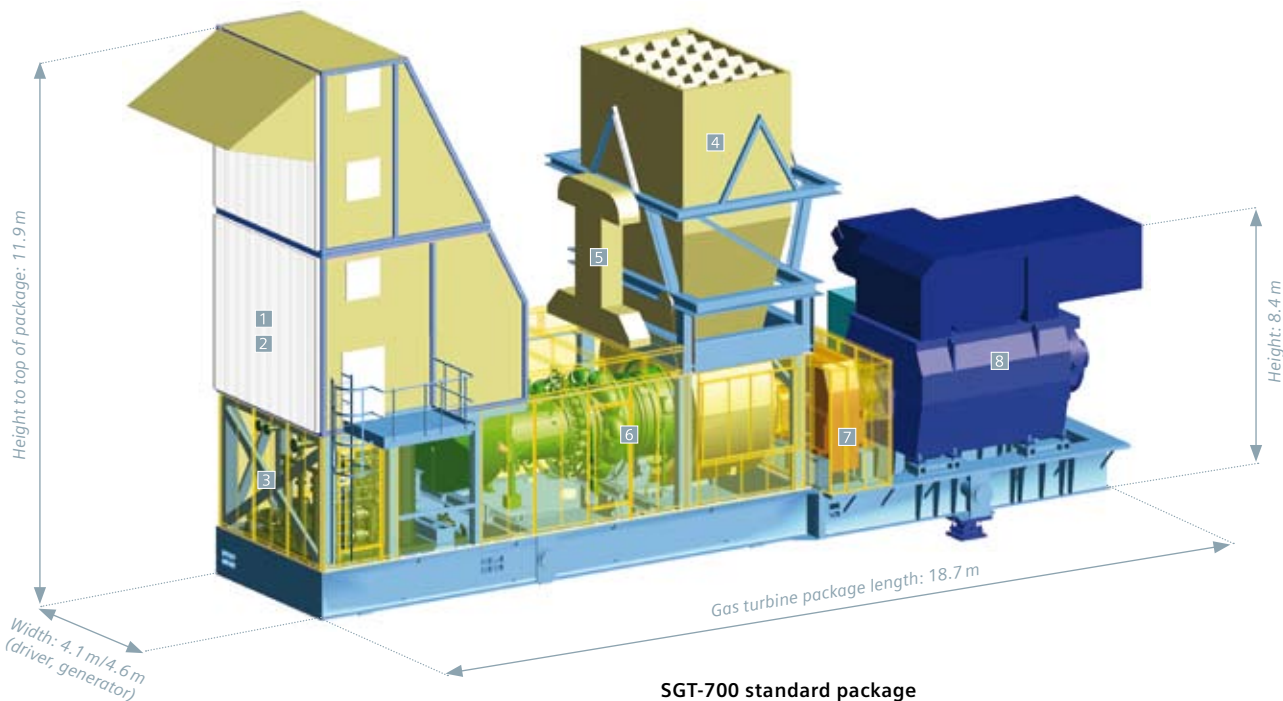
Cogeneration and combined cycle

Due to its high exhaust heat, the SGT-700 is one of the most efficient units on the market for cogeneration and combined cycle applications.

In combined cycle application it has the economic advantage of a simple single-string concept (gas turbine, generator, steam turbine) with double-end drive of a single generator.

Combined-cycle performance:

- Output: 43.9 MW
- Top class efficiency: 51.9 %



SGT-700 standard package

- | | | |
|------------------------|------------------------|------------------------|
| 1 Combustion air inlet | 4 Combustion exhaust | 7 Speed reduction gear |
| 2 Enclosure air inlet | 5 Enclosure air outlet | 8 AC generator |
| 3 Lube oil system | 6 Core engine | |