



SGT-300 package.



Two SGT-300 gas turbines provide Norbord with electricity and heat at their board manufacturing plant in Scotland, UK.

Package

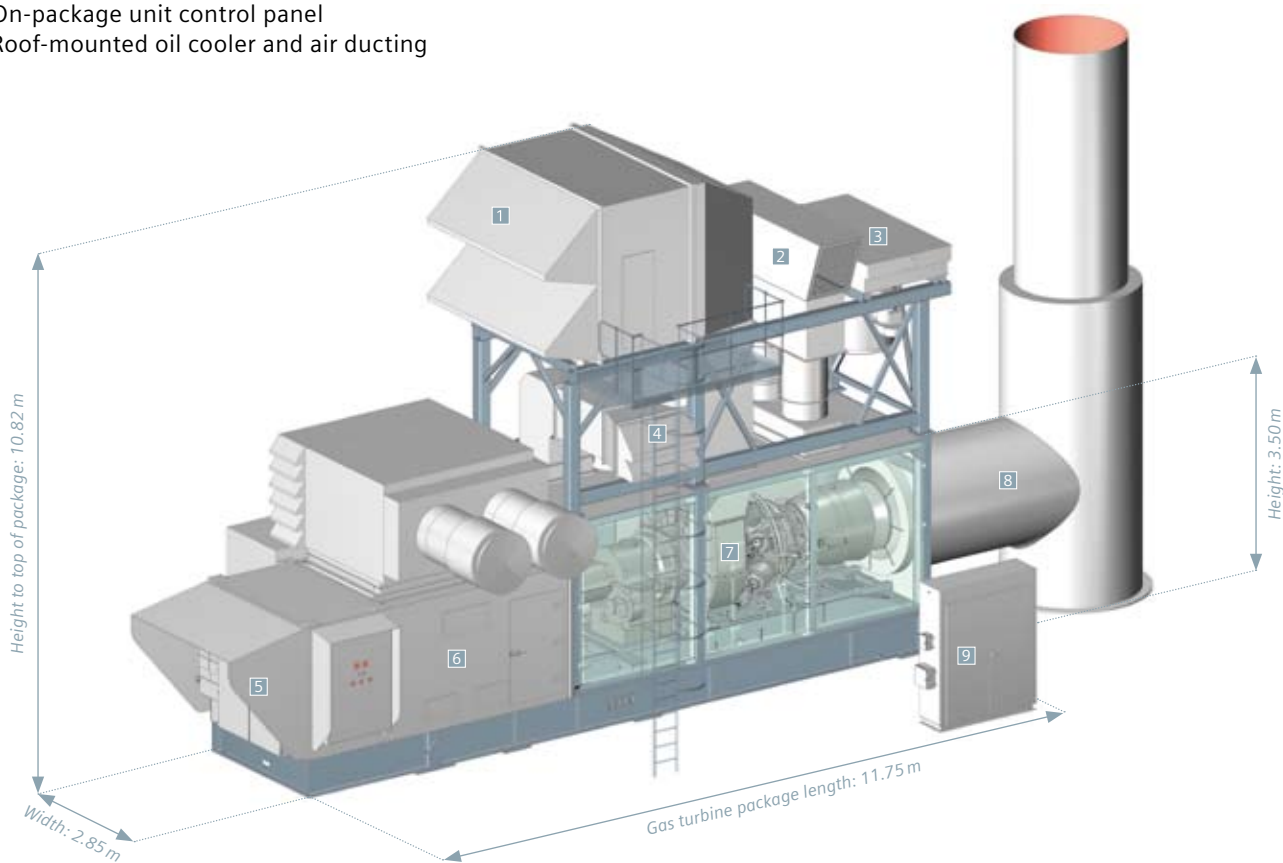
Key features

- Short installation time
- Compact package size, high power-to-weight ratio
- Factory testing:
 - Core engine
 - Functional testing of modules as standard
 - Pre-commissioning of package
 - Optional core customer-witness test
 - Optional complete package test
- Minimized customer interfaces
 - On-package drains tank
 - On-package unit control panel
 - Roof-mounted oil cooler and air ducting

Cogeneration with the SGT-300

In cogeneration configuration, with its excellent efficiency and steam-raising capability, the SGT-300 provides the core of a reliable, efficient and powerful SSC-300 plant. When compared with conventional energy supplies, an SSC-300 cogeneration plant will provide electrical power, heating and/or cooling with benefits of:

- Significant reductions in energy costs
- Security of energy supplies
- Reductions in total emissions of carbon dioxide, and improved flexibility



SGT-300 standard package

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|------------------------|-----------------------|----------------------|
| 1 Combustion air inlet | 4 Enclosure air inlet | 7 Core engine |
| 2 Enclosure air outlet | 5 Unit control panel | 8 Combustion exhaust |
| 3 Lube oil cooler | 6 AC generator | 9 Fire extinguishant |