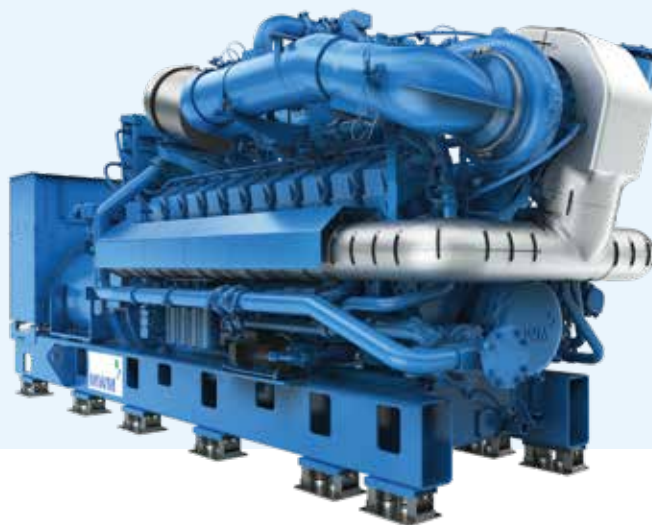


Product Sheet

Gas Genset TCG 4170

2,536 kW_{el}

The Smart Choice.



Technical data – Overview

Output	2,536 kW _{el} (50 Hz & 60 Hz)
Max. electrical efficiency	46.0% (natural gas) 43.6% (biogas)
Variants	50 Hz (V20) 60 Hz (V20)
Fuel type	Natural gas, propane gas, hydrogen blends, and other gases
Engine speed	1,500/min
Bore/stroke	170 mm
Displacement	97.6 dm ³
Total efficiency	89.1% (50 Hz) 88.7% (60 Hz)

Applications

Combined heat and power (CHP)

- Utilities, district heating, industrial, hospitals, airports, greenhouses

Electrical power

- Energy services, independent power producers, utilities, industrial

Biogas

- Agriculture, food industry, sewage, landfill

Benefits



Fast, reliable power

Reaches full load in under five minutes (parallel to grid) and maximum load step of 60% in island mode



High efficiency

Achieves outstanding electrical efficiency of up to 46.0% while maintaining optimal cogeneration performance



Lower operating costs

Long service intervals, low oil consumption, and up to 80,000 operating hours before major overhaul



Fuel flexibility

Operates on natural gas, propane, hydrogen blends, and others for flexible fuel use



Performs in demanding environments

Delivers full power at up to 45 °C intake air temperatures and across a wide methane number range



Smart Controls

Offers new TCS control system with modular configurations and custom solutions

References



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