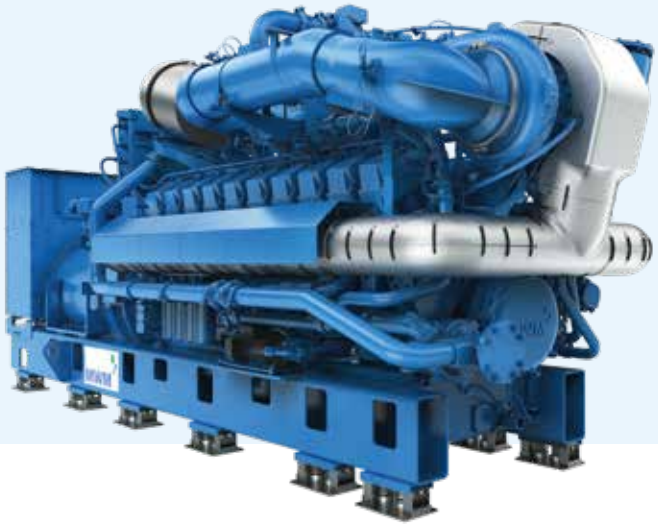
Product Sheet

MWM
Energy. Efficiency. Environment.

Gas Genset TCG 4170

2,536 kW_{el}



The Smart Choice.

Technical data – Overview

Output	2,536 kW_{el} (50 Hz) 2,516 kW_{el} (60 Hz)
Max. electrical efficiency	Up to 46.0% (natural gas)
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/215mm
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

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 enviroments
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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