

G-EM Gas engines

The EM gas engines are the most compact competitive choice with the ability to deliver high power output with even 200 mg/Nm³ NO_x emissions level.

Applications

- Power generation (50 Hz and 60 Hz)
- CHP - cogeneration

Best-in-class electrical efficiency

in Natural Gas E Series:

86 EM: - 2,000 kWe

Power generation - CHP

Power output*	2,012 kWe
Fuel	Natural gas
Frequency	50 and 60 Hz
Speed	1,200 /1,500 rpm
Electric efficiency	45.7 %
Thermal efficiency	46,9 %
Total efficiency	92,6 %
NOx emissions	500 mg / Nm3 NOx

Note 1) Also available at 200 mg/Nm3 NOx.

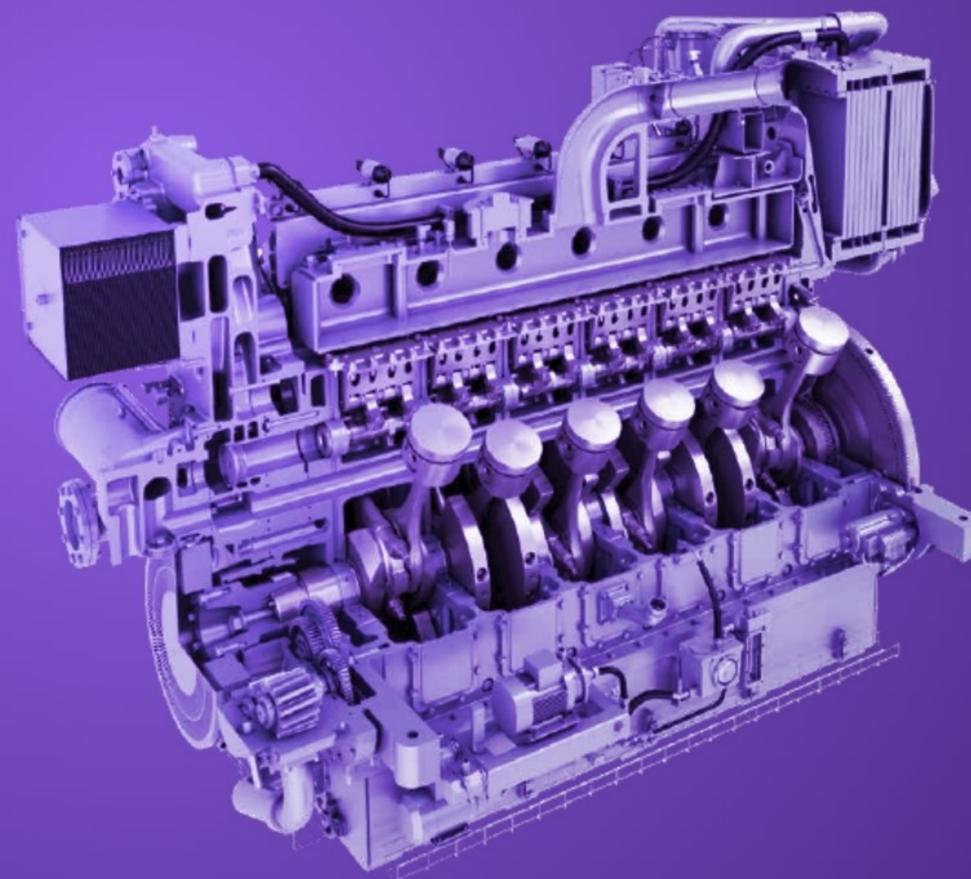
- Miller cycle
- High efficiency turbocharger
- Dry exhaust manifold
- Electronically carbureted
- New piston design for best performance
- Two circuit cooling systems
- Auxiliary cooling circuit variable temperature new concept.
- Oil cooler in main circuit
- Direct Drive for 60 Hz (1,200 rpm) option
- 90,000 hours for major overhaul
- Double stage intercooler
- Reduced oil consumption
- Emissions control

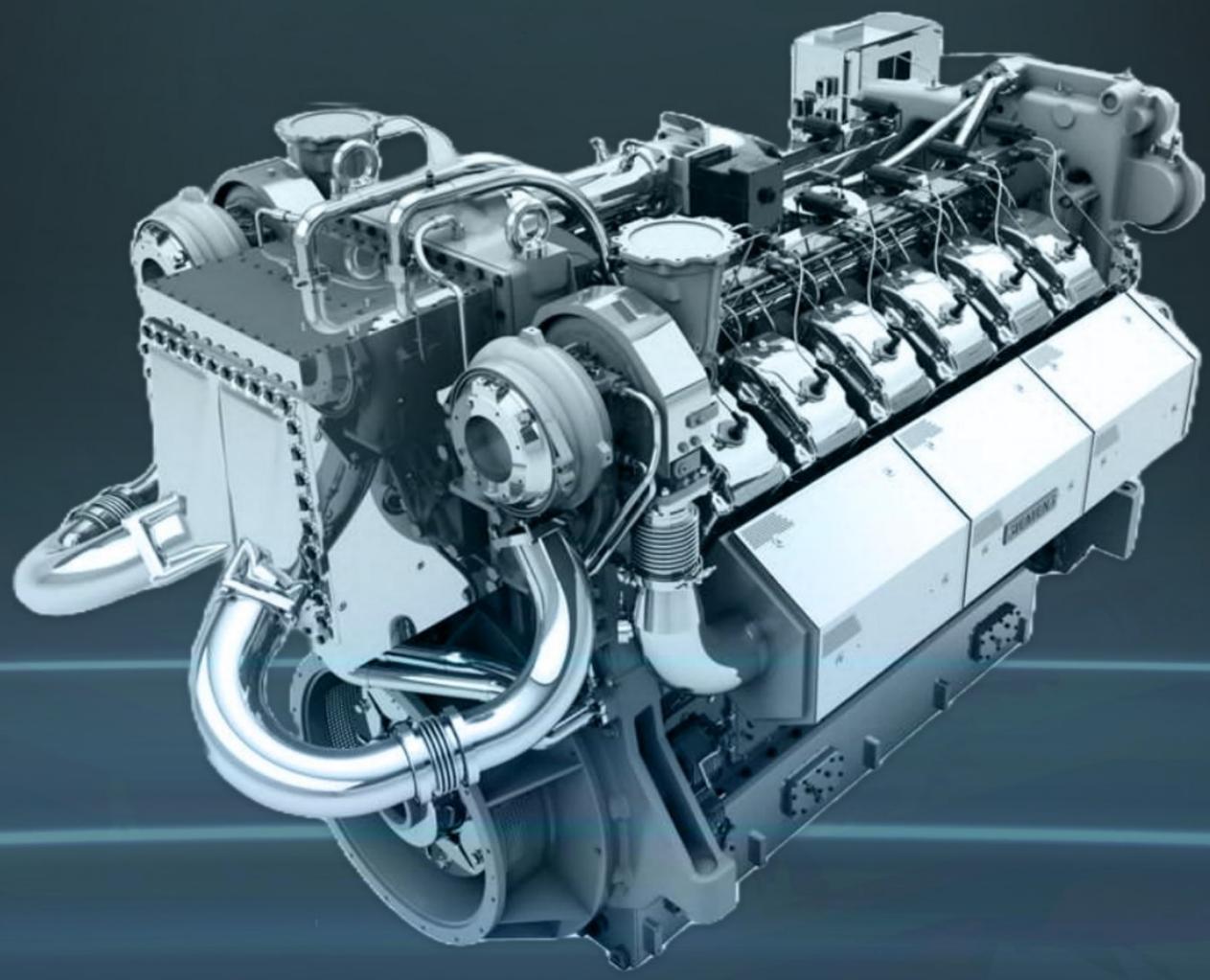
Physical dimensions

Approximate weight	14,515 kg
Length	6.4 m
Width	2.0 m
Height	2.3 m

- Highest efficiency in its class
- Lower emissions
- Lower footprint
- Best power/performance ratio
- Direct Drive for 60 Hz (1,200 rpm) option
- Lower OPEX

Supplied as a stand-alone engine, genset or in a fully containerized unit





G-86EM