

SCANIA



SCANIA ENGINES – POWER GENERATION GAS ENGINE RANGE

POWERED BY NATURAL PERFORMANCE





ACHIEVING SUSTAINABLE SATISFACTION



Alternative fuels are no compromise

Replacing diesel with gas is a sustainable solution that gains global interest. Scania presents an impressive line-up of gas engines founded on two cornerstones; use of alternative fuels and energy efficiency. Combining actions within these areas will help any company take a giant leap towards their CO₂-target, faster than ever before. Our gas engines run on natural gas (CNG/LNG) as well as biogas (CBG/LBG), and all are characterised by high performance, excellent fuel efficiency, lower carbon emissions, and low noise levels. And since we believe sustainable also means profitable, there is no big price tag to it either.

Natural production efficiency

Productivity from power and performance is a natural part of the deal when choosing Scania. Irrespective of application, our new engines take fuel economy and operational performance to new levels and contribute to outstanding efficiency throughout your entire production process. Not to mention the environmental benefits – with natural gas, CO₂ emissions are reduced by 20 percent; with biogas, reductions can reach impressive 90 percent.

Top-class V8 power

The latest addition for power generation applications, the 16.4-litre V8 engine, produces top-class specific power and can be used for both natural gas and high CO₂ content biogas. It is power at work in its purest form.



SCANIA



UPTIME MEANS BETTER BUSINESS

Renowned reliability

The new gas engine range derives from unique Scania technologies, state-of-the-art engineering, and over a century of experience.

The unique Scania modular concept with shared components and systems for all of our engines means higher parts availability, minimised waste, and easy servicing for a single technician. Add to this our extensive support, from pre-engineering to installation and delivery, consolidating Scania's proven track record of reliability and quality. The result is unbeatable operating economy and higher uptime – which equals better business for you.

Ready to generate value

Scania gas engines are suitable for a wide variety of tough applications, for example remotely located oil fields with extensive need for power and easily accessible gas. All in all, Scania's power generation engine range is fit for future demands and ready to generate long-term value – for both you and your customers.

Global service network

With more than 1,800 service workshops all over the world, the availability of professional services, assistance and expert advice is outstanding. A great share of our authorised workshops are ready and reachable 365 days a year, thus ensuring high uptime and excellent operating economy.



WHEN POWER AND ECONOMY HARMONISE

The basis of a powerful offer

Backed up by a dedicated installation support and vast service offer, our gas engine range presents low costs of ownership, excellent dependability and uncompromising performance for prime power. It is a result of more than a century of passionate engineering, and optimised to meet every demand when it comes to power, reliability, fuel economy and environmental performance.

Modular combustion concept

The potential for engine optimisation – excellent fuel economy and generous torque – is at its greatest when the physical dimensions of the bore and stroke are within certain critical limits. This has led to the development of the Scania modular combustion concept and shared components, making the engines both efficient and exceptionally easy to maintain and repair. Examples of this cutting-edge development are pushrods, valve gear, roller tappets, piston and saver rings, and cyclone oil filter.

The Scania gas engines work according to the Otto principle, with spark ignition. The ignition system, along with various features like individual cylinder heads, low-pressure gas system, and air-to-air charge cooler, ensure maximised engine performance for a number of applications.

Engine description

Configuration	V8
Displacement	16.4 litres
Working principle	4-stroke, spark injected
Fuel injection system	Low pressure gas fuel system
Weight (dry)	1,352 kg
Dimensions * (L x W x H)	2,021 x 1,313 x 1,754 mm
Oil capacity	40-48 dm ³ (standard oil sump)
Electrical system	1-pole 24V
Fuel type	Natural gas, biogas

* Including cooling package 1.5 m²

Power generation gas engine output range

Engine type	Rating	1,500 rpm (50 Hz)		1,800 rpm (60 Hz)	
		kW	kVa	kW	kVa
OC16 071A	COP	330	360	350	383
OC16 071A	PRP	333	364	372	409
OC16 071A	PRP	372	409	411	455
OC16 071A	PRP	407	455	426	477

OC Otto engine.

Continuous power – COP. For continuous operation at a constant load for an unlimited number of hours per year.

Prime power – PRP. For continuous operation at varying load. Max mean load factor of 70% of rated power over 24 h of operation.



For further details, please check the technical specifications sheets on www.scania.com/engines.

