

SCANIA ENGINES – POWER GENERATION ENGINE RANGE

US Tier 4f. Reliable and clean power.



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Ready to meet the highest expectations.

Dependable prime power.

Rough construction sites, harbours, remote road projects or research stations. Or festivals and concerts. All are typical applications for when the renowned Scania engines peak their performance and deliver constant, economical and trouble-free electrical power. Designed to handle high-load variations effectively, the engines from Scania make a true difference when all-time power supply is imperative.

Emerging from unique technologies.

The new engine range for US Tier 4f is built on our latest engine platform and derives from over a century of experience and cutting-edge engineering. And with our large-scale deliveries of US Tier 4f-compliant industrial engines, the range has already proven its skills. Way ahead of its time.

Efficiency in every step.

Productivity from power and performance comes as an obvious part of the deal when choosing Scania. From pre-engineering to installation and delivery, our engines will contribute to outstanding efficiency. And, since the footprint is close to identical for all engine models, irrespective of emission levels, there is no need for re-designing your products.

Controlling emissions and fuel economy.

We put great effort into reducing the effects on climate and environment. To us, emission control runs parallel to development of alternative fuels and minimised fuel consumption. This is why you can relax knowing that every cubic millimetre of fuel is converted to productivity in the cleanest and most economical way possible.

Fitting your demands. Down to the core.

Streamline the flow of parts and money.

Our solution for US Tier 4f incorporates both SCR (selective catalytic reduction) and EGR (exhaust gas recirculation). Because of these highly efficient Scania-developed solutions, there is no need for particulate filters. Which means additional benefits in terms of fewer parts, less bulk and lower costs.

It is all about uptime.

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. In addition, a full 500 hours between oil changes and maintenance boosts uptime even further. Higher uptime equals better business, and along with Scania's proven track record of reliability and quality, the result is the renowned, unbeatable operating economy.

Maximised efficiency.

Irrespective of application, our new engines take fuel economy, environmental performance and operational efficiency to new levels. Every vital aspect, from the air temperature, fuel injection settings to exhaust aftertreatment, is controlled by the Scania EMS (engine management system). And, with up to 2400 bar (34800 PSI) injection pressure, the Scania XPI injection system contributes to low particulate emissions and exceptional low-rev capabilities.

Proven solutions.

To gain control of the entire process and overall quality, Scania develops vital technologies in-house. Scania XPI fuel injection, Scania Engine Management System, the saver ring and the cyclone oil filter are some examples of this cutting-edge development.





Keep your business running. Wherever you are.

Indisputable uptime at all times.

Uptime depends on many factors – robustness, dependability, durability, and not to mention the simplicity of maintaining and repairing. At Scania we take all this into consideration, especially for the toughest conditions. Our legendary power and reliability make our engines ideal for standby power applications. In case of power loss, the engine responds instantly. Designed to handle high load variations effectively, the engines from Scania make a true difference when power supply is imperative.

90,000 proofs of excellence – a year.

Scania is one of the world's leading engine manufacturers, with more than a century of engineering experience backing up our constant development of cutting-edge solutions for the most diversified

operations. A total of 90,000 Scania engines are manufactured each year. This means outstanding availability of products and parts, regardless of engine model or application.

Vast service network.

Scania has more than 1,800 service workshops all over the world and close to 400 service workshops in North America. A great share of our authorised workshops are ready and reachable 365 days a year, making the availability of professional services, assistance and expert advice simply outstanding.



Power generation range for US Tier 4f emission regulation levels					
Engine type	Output			Fuel consumption	Rating
	kW	kVA	kWe	g/kWh	rpm
DC9 085A	234	260	206	206	PRP (60 Hz)
DC9 086A	268	300	239	205	PRP (60 Hz)
DC13 084A	301	330	264	200	PRP (60 Hz)
DC13 085A	335	370	296	200	PRP (60 Hz)
DC13 085A	370	410	326	200	PRP (60 Hz)
DC16 084A	367	400	325	199	PRP (60 Hz)
DC16 084A	436	480	389	199	PRP (60 Hz)
DC16 084A	453	500	404	199	PRP (60 Hz)

DC. Intercooler air/air

EMS. Engine Management System

Prime power – PRP. For continuous operation at varying load. Max mean load factor of 70% of rated power over 24 h of operation. 1 hour/12 hours period of accumulated peak overload to 110%.

Engine type	L (mm/inch)	W (mm/inch)	H (mm/inch)	Weight* (kg/lb)
DC9 085/086A	1,234/48.52	982/38.66	1,107/43.58	975/2,150
DC13 084/085A	1,398/55.03	965/37.99	1,119/44.05	1,075/2,370
DC16 084A	1,325/52.16	1,199/47.20	1,289/50.75	1,375/3,031

* Excl oil and coolant

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