NEXT GENERATION

POWER GENERATION SYSTEMS

SCANIA

POWERFUL. EFFICIENT. UNRIVALLED.

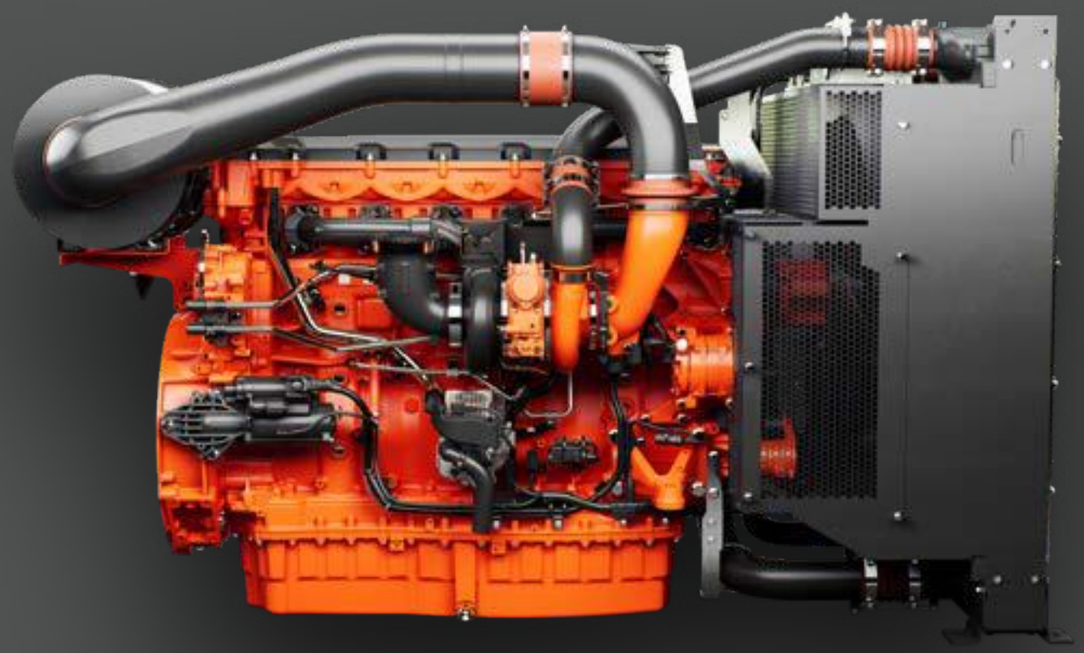
Scania Power Generation Systems are already known for industry-leading performance, premium quality dependability and being kinder to the planet – but for us standing still is never an option. Our next generation platform raises the bar further still, harnessing a decade of boundary-pushing research to set a new standard in power capability, emissions output, and engine reliability to deliver benefits for your operations.

Trusted as primary or back-up power for everything from remote sites to critical societal functions, Scania Power Generation Systems provide market-leading power, durability and efficiency in even the most demanding environments – wherever, whenever.

Empower your operations, with precision-engineered power solutions that deliver more, from outstanding fuel efficiency to an exceptional lifespan – all wrapped up in the legendary Scania orange – the colour of confidence our customers have come to depend on.

WELCOME TO THE NEXT GENERATION

Almost 10 years in the making, Scania's most advanced engine platform yet brings the cutting-edge technology of our award-winning Super truck line engine to power solutions, specifically designed and developed in-house to meet power generation needs.



Offering unparalleled efficiency to save fuel and emissions, our next generation inline engines deliver an outstanding operating economy – together with the quality and reliability you need to keep your operations running day after day, year after year.

More power. Less fuel.
Our ground-breaking inline engine platform delivers exceptional performance with no compromises.

Engineered for excellence
With a wide power output range and featuring our most powerful and efficient 13-litre engine yet, our engines are pushing the boundaries of durability further than ever before, extending what was already among the longest engine lifespan on the market by up to a further 50%.

Cleaner, quieter, future-proof
Our next generation inline engines don't just offer more power and efficiency, reducing emissions for a cleaner tomorrow. They do it more quietly than ever before. Which means you get more value, less noise and less CO_2 from every drop.

Our advanced inline engines are also compatible with renewable fuels including 100% HVO, making it possible to reduce emissions by up to 90% compared to standard diesel.

LESS FUEL CONSUMPTION*

BEST-IN-CLASS POWER DENSITY

RELIABLE POWER AT ALL TIMES

SAVE TONS IN CO_2 EMISSIONS EACH YEAR*

*Next generation 13-litre DC13 compared to current generation 13-litre DC13 engines.

BUILT ON THE SHOULDERS OF GIANTS

At Scania we're constantly innovating to improve our power solutions, ensuring our engines are not only more powerful, but also more sustainable, more efficient and offer a long, uninterrupted service life. The result is a better investment in manufacturing resources, higher uptime and lower fuel and maintenance costs. Our engine range is proudly developed and manufactured in Sweden with the premium quality level the Scania name demands.

Ready to generate value with the perfect power solution for your demands? Choose your Scania engine today.

NEXT GENERATION 13-LITRE DC13 ENGINES

Our most powerful and efficient engine platform yet. The next generation DC13 is available in both low and non-emission regulated models, with a range of certifications including EU Stage V, China Stage IV and US Tier 4F.

Configuration: Inline 6 cylinder
Displacement: 12.7 litres
Bore x stroke: 130x160 mm
Weight dry: 1,050 kg
Output range: 300 kVA to 500 kVA Prime Power (emission compliant engines)
300 kVA to 600 kVA Prime Power (non-emission compliant engines)
Output range, standby power: 330-660 kVA (50 Hz) | 330-660 kVA (60 Hz)

Access Scania's worldwide service network
With more than 1,800 service workshops all over the world, the availability of professional services, assistance and advice is second-to-none. Many of our authorised workshops are ready and reachable to provide you with the support you need around the clock, 365 days a year.

RELIABLE POWER. ANYWHERE. ANY HOUR.

Do you need prime or standby power? Open or sound attenuated gensets? Permanent installations? Whatever the product solution or end user application, any Scania engine of your choice will live up to the highest expectations. With unparalleled operating economy, outstanding efficiency, and consistent reliability you can trust to perform when called upon – whether that's as a primary power source, or as backup power that delivers at a moment's notice, right when you need it. 24 hours a day, 365 days a year.

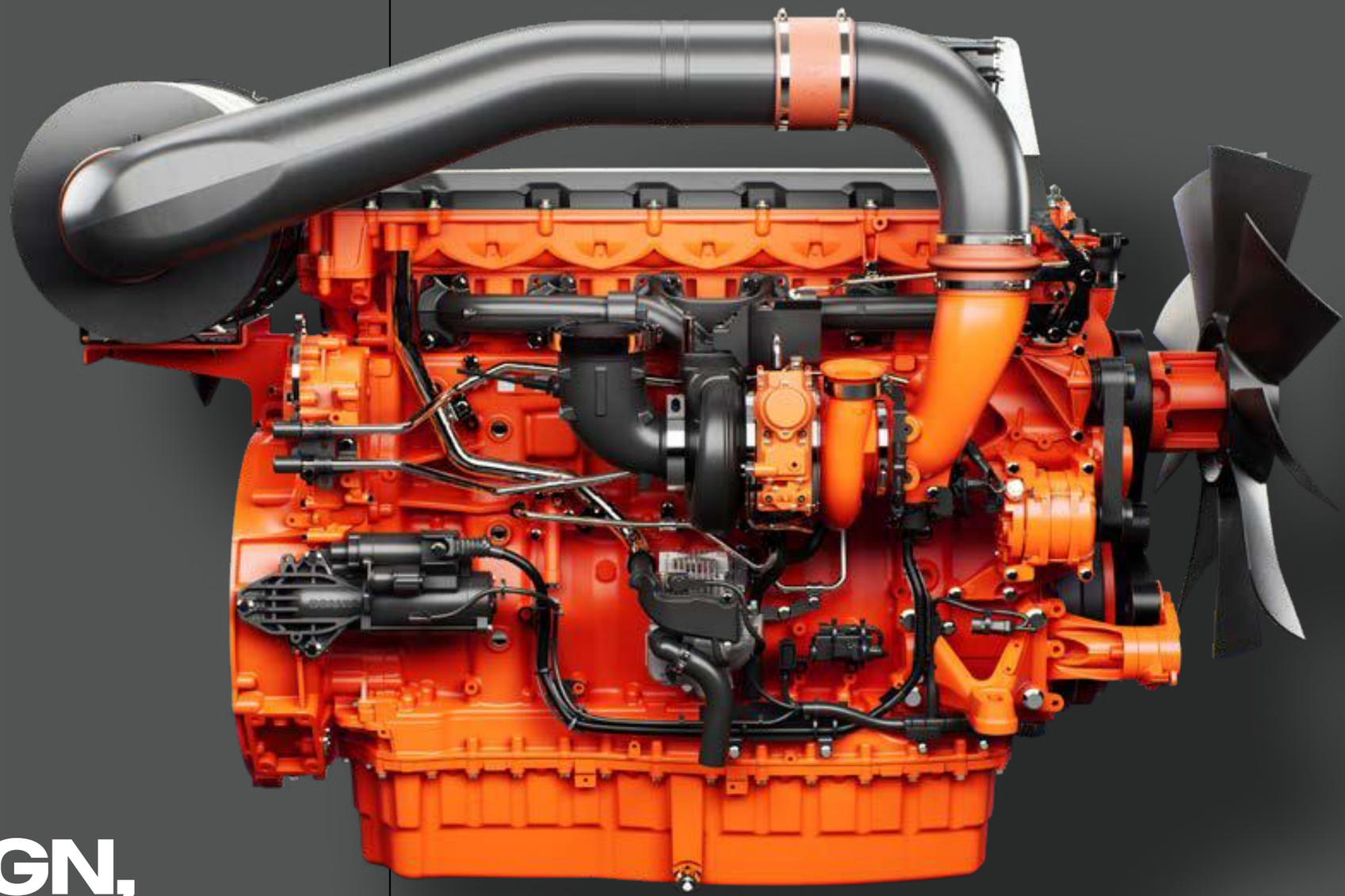
Our power generation engines cover a wide range of outputs to meet every need.

And now our next generation engine platform delivers our most powerful and efficient 13-litre engine ever. Scania's power solutions also ensure you stay on track for emissions targets, with certifications to comply with even the toughest regulations.

Prime power
Rough construction sites. Remote road projects. Festivals and concerts. Mining operations and research stations. These are just some examples of the harsh environments in which Scania engines excel. Find out why they are renowned for their consistent, economical and uninterrupted delivery of electrical power.

Standby power
In our complex and digitalised world, access to backup power is crucial in order to safeguard business, services and safety. Scania's track-record of outstanding reliability makes our engines extremely well-suited for hospitals, airports, financial centres or any other environment where power downtime is simply not an option.

Continuous power
With excellent fuel consumption and long service intervals, Scania engines are ideal for continuous power delivery – for example at remote power plants or for base load operation. A multiple installation with synchronised engines is the most fitting way to meet large power requirements. This offers the advantage of outstanding flexibility and the possibility of always operating at peak efficiency.



SMART DESIGN, BIG IMPACT

At Scania, we've spent over a century of passionate research and engineering to improve the performance, efficiency and durability of our engines. Designed with a common compact footprint size, modular system and commonality of basic parts, every element has been well thought out to make things simple. This includes easy transition to and integration of new engines, simple installation, servicing and maintenance, and as always, Scania's high parts availability.

Setting the standard in power and efficiency
With unparalleled power including best-in-class power density, a wide output range and low fuel consumption, Scania's power generation engines lead the pack – not only providing the high-performance power you need, but with greater fuel efficiency to improve your bottom line.

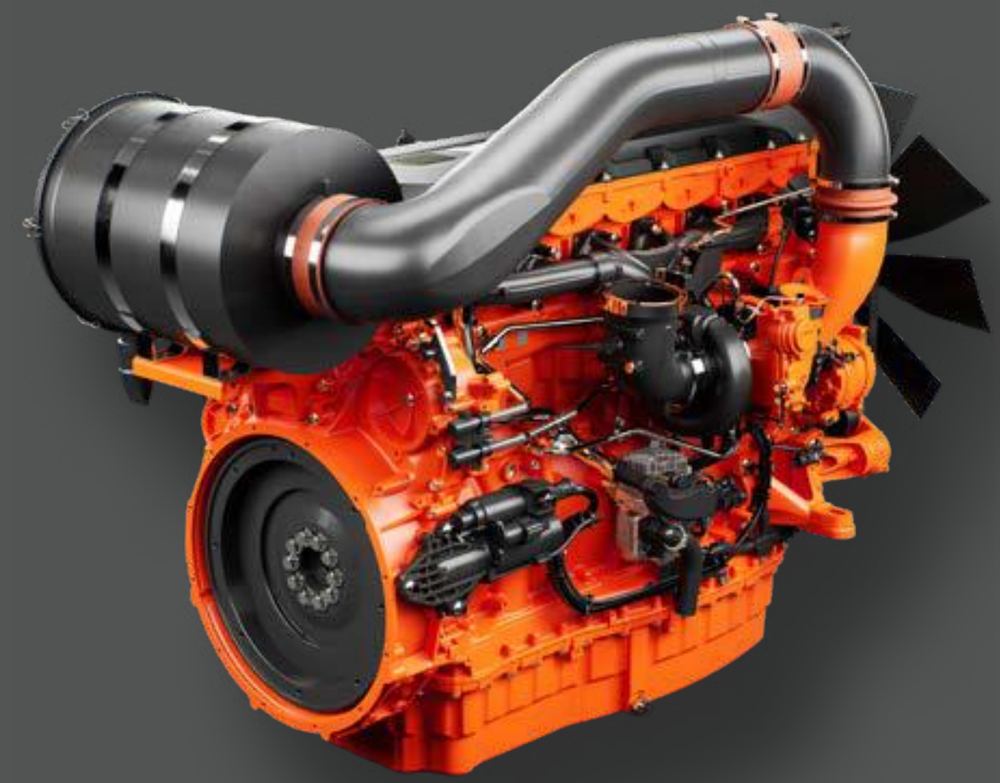
Made to last - with measurable impact
From the close relationship we have with our customers, we understand that reliability is about more than preventing downtime. It's about extending the overall lifetime – providing a product you can trust to keep your operations running flawlessly, year after year. Our 13-litre engine already offers among the best base engine lifespan on the market – now our next generation 13-litre inline engine has surpassed that by up to 50%.

THE POWER TO DRIVE CHANGE

At Scania we believe the future is electric and are leading research and development into electric power solutions, but that doesn't mean the sustainability of ICE solutions cannot be improved while meeting the need for uninterrupted and flexible power. Our combustion engine solutions are already best-in-class – but we believe it is necessary to go further still with our next generation, and continue to drive the shift to sustainable solutions.

Translated into concrete numbers, our new 13-litre power generation engine can deliver up to 24 tons of CO_2 savings per year compared to the current lineup of engines (compared with 500 kVA DC16, based on 2,000 operating hours at 50% load).

We are committed to delivering tangible results – and it's this unwavering ambition that helped build our next generation engine platform, leading the way in emissions efficiency.



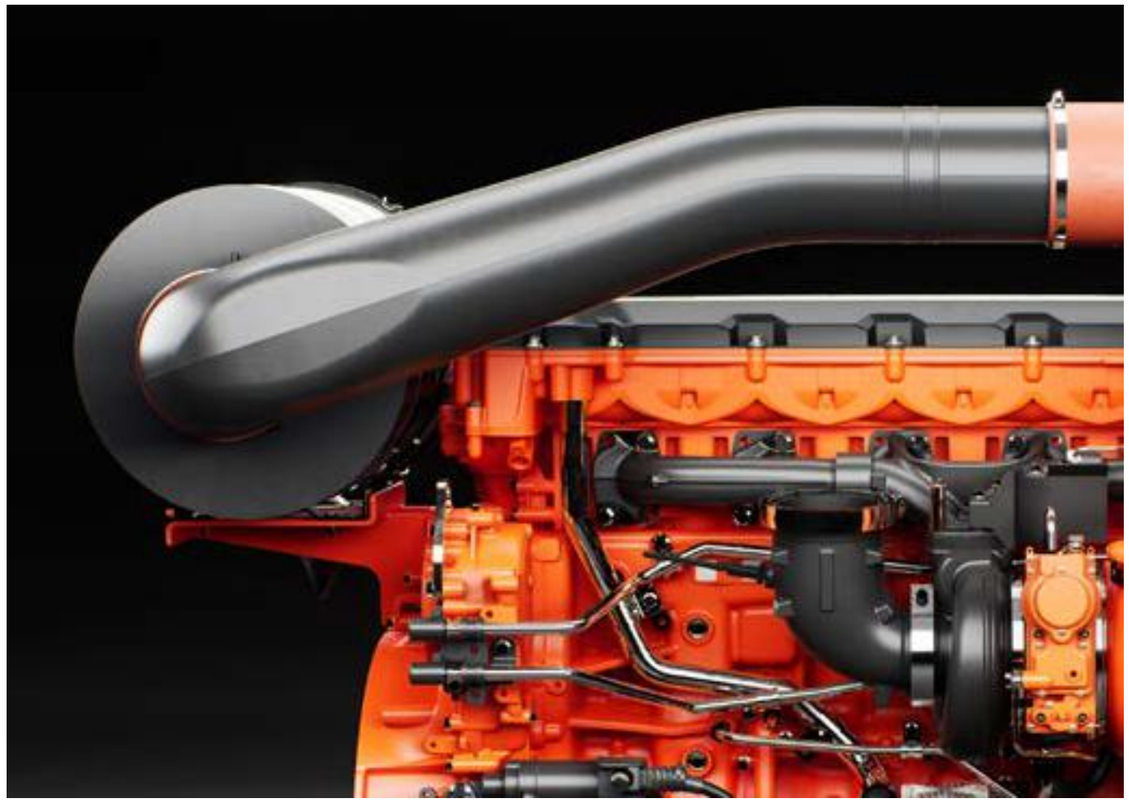
Scania's engines are available with a range of emission certifications, including EU Stage V, China Stage IV and US Tier 4F. We also offer CO_2-optimised options with an even stronger focus on lowering operation CO_2 emissions, so you can meet the sustainability demands of your market.

With technical innovations that allow the saving of tons of CO_2 every year, Scania's next generation engines can help future-proof your business against environmental standards and regulations from day one of usage.

Fuel types are also flexible, with the option to use blends of biodiesel/FAME, as well as full compatibility with 100% HVO, unlocking greater sustainability potential and reducing CO_2 emissions by up to 90% compared to standard diesel.

PURE SCANIA. DOWN TO THE NANOMETRE.

The Scania engine is designed and built inhouse. And by taking advantage of proven technologies as a basis for development, our engineers continue to break new ground while maintaining Scania's industry-leading standards of dependability and quality. For the power generation engine platform, this evolution has led to a pioneering leap towards longer-lasting and more fuel-efficient engines, that deliver the uncompromising power and reliability that you have come to expect from Scania.



Scania emission control systems
Available for the emission compliant version of the engine, Scania SCR (selective catalytic reduction) is a proven aftertreatment system ensuring exhaust gasses are released with minimum nitrogen oxide (NOx) content. Injected into the exhaust, an urea-based additive, AdBlue/DEF (diesel exhaust fuel), converts the toxic nitrogen oxides into harmless water and nitrogen gas. Scania SCR is easy to handle, very reliable and does not affect torque and power output.

Scania fuel injection system (XPI)
No details have been left untouched. Further optimised injectors and a more efficient high-pressure fuel pump in combination with an improved combustion concept further increases engine efficiency. The common Scania XPI system used throughout the new platform also increases parts availability, decreases the number of variants and simplifies the maintenance process.

Optimised gas exchange
Improving fuel consumption is a key aspect of the updated components of the next generation engine platform. Countless hours have been spent optimising the air and exhaust flow through the new common cylinder head, which in combination with the new dual overhead camshaft not only minimises losses but also increases power output.

Airflow on demand
The emission compliant engine features both variable geometry turbo (VGT) and an inlet throttle, which makes it possible to limit airflow through the engine. This combines the benefits of excellent transient response from the engine and efficient thermal management of the aftertreatment system, without sacrificing efficiency.

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