

EXPLORE OUR POWER SOLUTIONS SERVICES

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POWER SOLUTIONS SERVICES



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SUPPORT AND SERVICES



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THE BEST, MADE EVEN BETTER

Scania's power systems are built to excel in the most demanding contexts. They're also designed to be optimised and deliver the absolute best for your needs. Scania's Power Integration Services fine tunes your power systems so it produces peak performance for your specific operation.

Our expert team can help you with:

- Installation Support, ensuring the launch of your solution goes smoothly.
- Torsional vibration calculations for both conventional and hybrid powertrains, ensuring your engine is protected from unnecessary damage and is safeguarded for longevity.
- Power optimisation, ensuring your system and the power it provides is adapted for its specific use purpose.



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INSTALLATION SUPPORT

With Scania Installation Support you're in safe hands. Our experts advise, guide, and take care of the important details, helping you from the early phases of outlining and implementing your power system, and making sure the transition is as smooth as possible. Ensuring compliance with warranty requirements, regulations, and maintaining product reliability and performance.

Our data-driven approach ensures full integration between software and hardware components of your power system: we harness technical data, 3D drawings and installation calculations to support you with a premium quality design and an installation for your needs.

When it's time for the final integration of your power system, we carry out an installation review analysis, comparing live measurements to calculated estimates, then fine-tuning to ensure overall product quality. Any new insights are applied to the solution – Scania experts even train your engineers to understand the details they need to feel empowered and get the best from the power system.

We support you with:

- Quotation
- Design
- Installation
- Validation
- Production

Installation review covers:

- Fuel-, exhaust-, and cooling systems, intake and ventilation, pressure control
- Secured high voltage and low voltage installation
- Safety protocol for VCB work
- Temperature & cooling performance and control
- CAN verification
- Hybrid / BEV Software strategy



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TORSIONAL VIBRATION CALCULATIONS

Vibrations are the enemy of longevity for mechanical systems – they must be kept in check to prevent avoidable damage and sustain uptime. Rotating parts contribute to torsional vibration frequency and magnitude, and accurately calculating the vibrations present in a power system depends upon the installation and components connected to the engine or hybrid solution.



Did you know?

- Powertrain vibrations can lead to the crankshaft and vibrational damper breaking, resulting in costly downtime.
- Scania’s torsional vibration calculations take a wide approach in order to safeguard your equipment, vehicle or vessel’s uptime, increasing productivity.
- Purely Battery Electric power solutions are inherently balanced with a symmetrical rotating mass, and do not require torsional vibration calculations.



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POWER OPTIMISATION

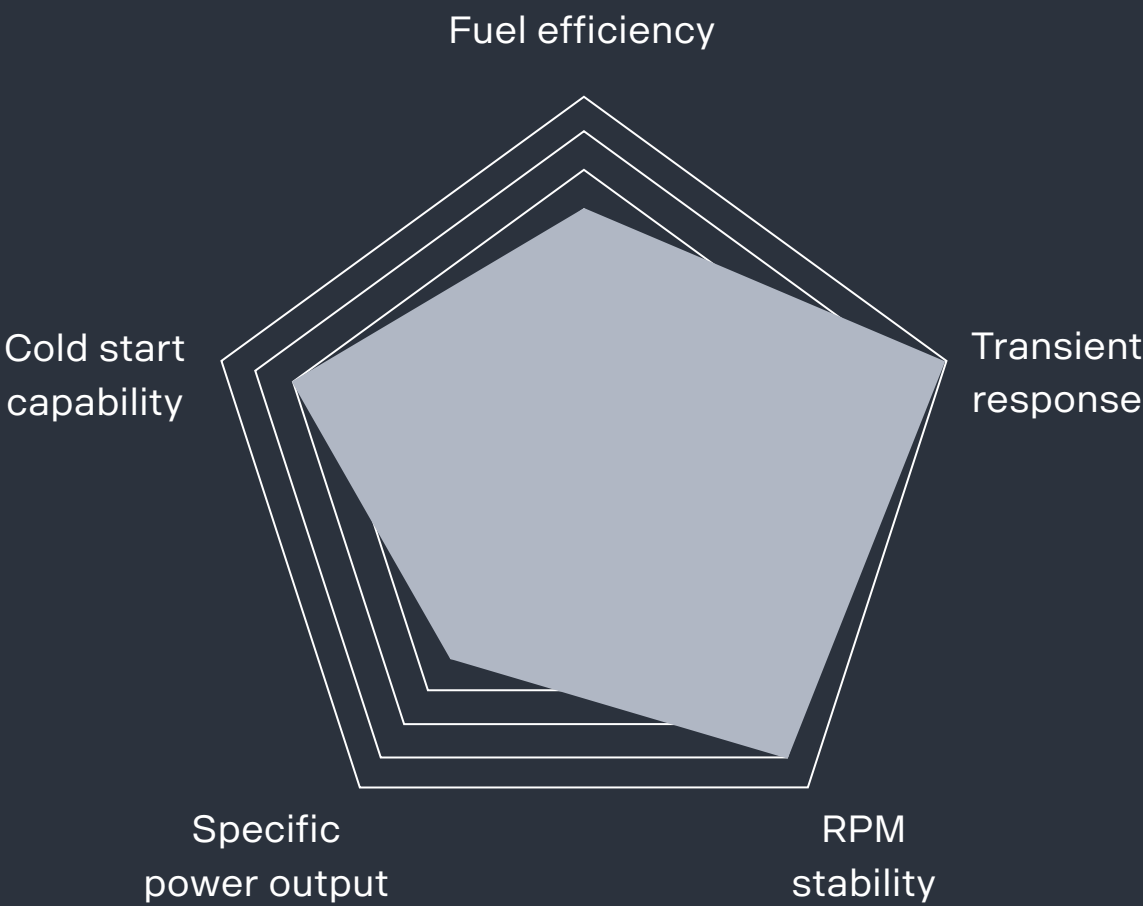
With Scania Power Optimisation, we:

- Optimise engine calibration towards your hardware and requirements
- Maximise value from your purchase by creating the best possible powertrain performance for the specific application you require

Our engineers leverage granular control over power system characteristics to make sure it's best adapted for its intended usage. This translates to greater value for your operations in the form of enhanced reliability, improved handling and minimisation of fuel consumption and emissions.

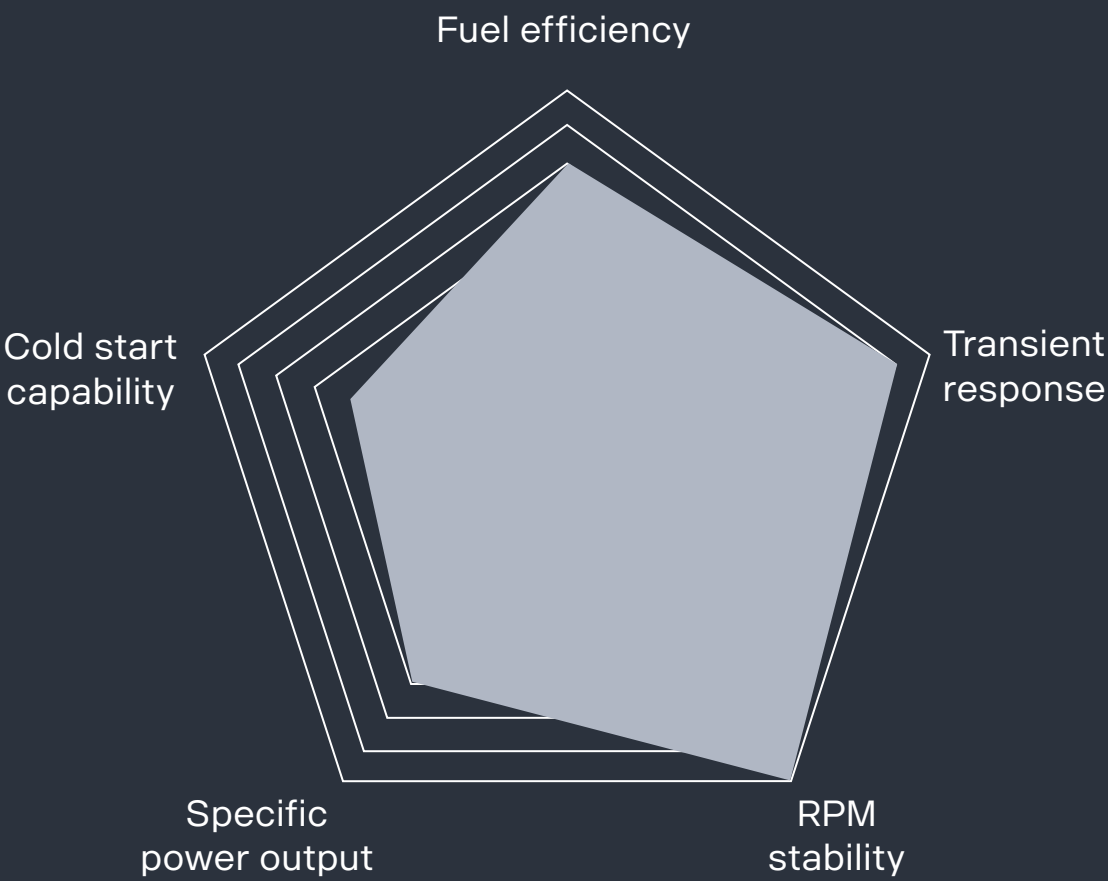
EXCAVATOR

Excavator operators should always be able to rely on having the needed power response at their fingertips. This can be ensured by optimising the power system to have excellent transient response and RPM stability. Reliability and efficient operations also require good cold start capability and fuel efficiency.



POWER GENERATOR

Depending on usage area, a power generator has different needs. In most cases, RPM stability and transient response is vital for handling step loads and grid demands, and to thereby maximise power reliability. Low fuel consumption can also be a requirement for cost- and environmental purposes.



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UNLOCKING THE BEST SOLUTION FOR YOU

Choosing the right hardware is only part of unlocking the best overall value from your power systems. Scania Power Integration Services ensures your power systems are correctly installed for its intended usage, safeguarded against unnecessary vibrations that cause damage and downtime, and is optimised to deliver its absolute best in efficiency and handling.

The result is more value, greater reliability and more uptime for your business – with Scania’s lengthy experience and data driven approach guiding you all the way.

Speak to one of our representatives to find out how Scania Power Integration Services can optimise the best solution for your operations!



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TAKE CONTROL OF YOUR FLEET AND PROCESSES

We know unforeseen downtime has huge consequences for businesses. Scania Connected Services are designed to reduce that possibility, leveraging the power of smart equipment technology to keep your operations running for longer.

Our connected technology:

- Provides better control of your fleet, operation and process.
- Allows you to stay on top of your electrified equipment with information such as: Charging status, Departure scheduling and Historical Charging Session data.
- Enhances the efficiency of handling issues.
- Maximises your equipment uptime.
- Minimises the length of downtime.
- Strengthens productivity, giving you peace of mind to focus on your core business.



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EMPOWERING EFFICIENCY, MINIMISING DOWNTIME

Unexpected downtime is especially problematic when the equipment, vehicle, or vessel is highly specialised or part of a chain in the operation.

With connected equipment from Scania, you don't have to worry as we can provide an instant diagnosis of technical issues via our Scania remote diagnostics tool. We can then efficiently prepare the right tools and parts – shortening the time for repair and minimising downtime. And combined with our technical competence we maximise your uptime – allowing you to focus on your core business.

Remote diagnostics is free of charge and only requires that a Scania Communicator is installed on the Scania equipment.



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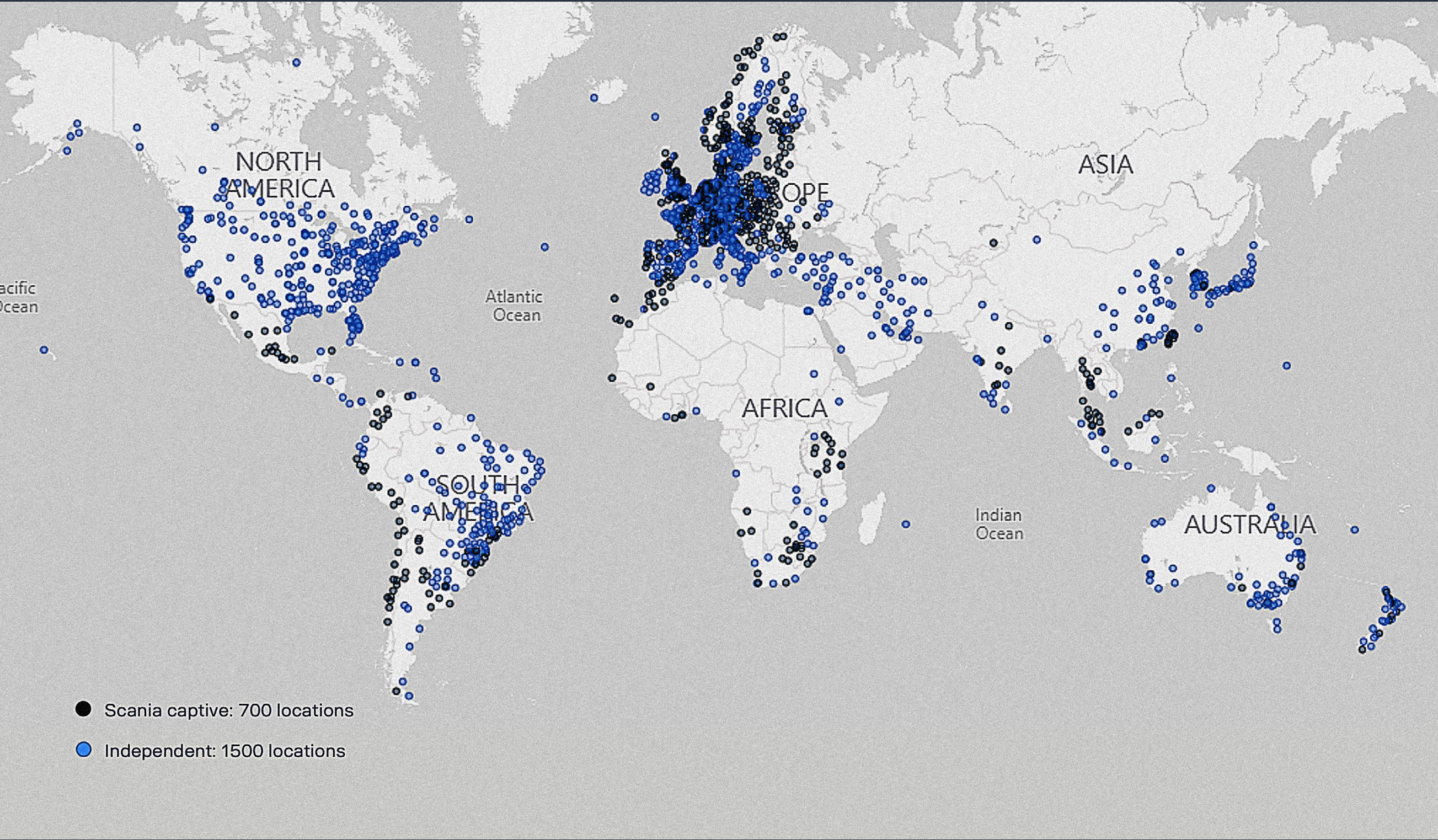
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GLOBAL SERVICE NETWORK

By providing quick access to parts, repairs, and tailor-made maintenance plans, our service network enhances equipment performance and your profitability.

Tailored services are integral to how Scania creates value. With dealers and workshops strategically located along transport routes and near logistics centres, our service network gives us direct contact with our customers and a greater understanding of your market and business needs.



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COST CONTROL AND UPTIME FOR PEACE OF MIND

When choosing Scania equipment, confidence in performance and reliability is a standard feature.

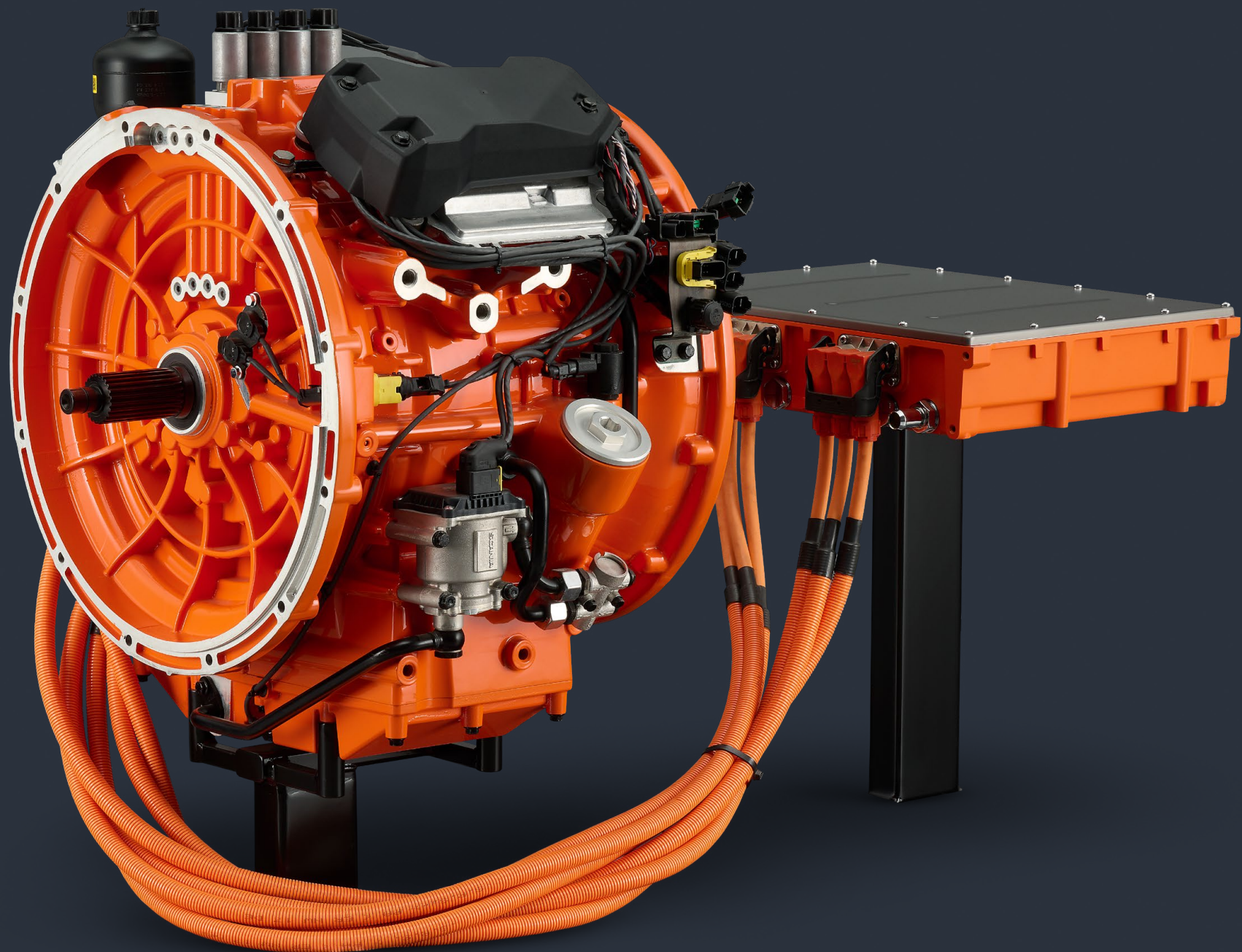
All Scania equipment is covered by a basic warranty from the day it goes into operation. Extended coverage is an expansion of our commitment to exceptional quality and unsurpassed service, ensuring both cost control and uptime.

Extended coverage can be purchased for up to 5 years or 10,000 running hours, either together with the equipment or within the first 180 days after the start of warranty date. The offer is also strengthened by connectivity with instant diagnosis of technical issues via our Scania Remote diagnosis tool.

Requirements

- Approved installation report is mandatory.
- Installed and powered Scania Communicator is required.
- Activated FMS Monitoring Package (minimum).
- Maintenance and repairs must be performed by Scania authorised technicians.

- Full extension of Basic Warranty term (incl. aftertreatment system) – no deductibles and no hidden exclusions.
- Cost control – eliminates unanticipated costs.
- Extended support by the global Scania network – increased uptime.
- Transferable to next owner – increased re-sale value.



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INCREASED FLEXIBILITY

Extended storage allows Scania equipment not yet in use, whether installed or not, to be stored either at Scania or a customer facility without initiating the Basic Warranty period.

- Cost-efficient flexibility.
- Extend time to delivery without effecting the Basic Warranty period.
- Safeguard for operational delays, decreased demand or other unexpected events.



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BATTERY RECYCLING SERVICE

No-cost battery recycling program to ensure minimum climate impact.

A Scania battery that is no longer fit for purpose can always be returned to us at zero additional cost and we have the logistics flow and recycling partners to ensure it can be handled in a circular way.

SCANIA BATTERY TECHNOLOGY



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