



ELECTRIFIED POWER SYSTEMS

SINGLE SOURCE, MODULAR SOLUTION

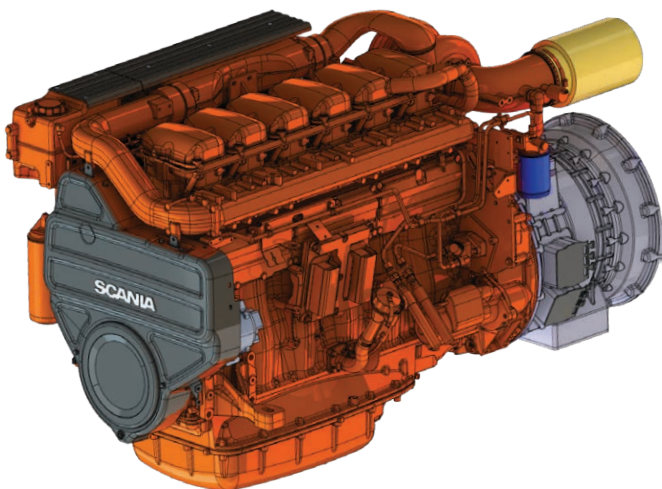


Our in-house developed electric solutions draw on Scania's long experience, knowledge, and technology from electrifying on-road vehicles, resulting in high system reliability and outstanding performance in a compact design.

Scania Electrified Power Systems facilitate builder design, installation, and maintenance. Like all Scania power systems, the electric components are modular and scalable, and thereby suitable for several different applications.

All components work seamlessly together and are controlled with a common management system, while standard mechanical interfaces simplify integration with external components. With impeccable interaction between different components to achieve full system integration, electrifying equipment has never been smoother.

HOW IT WORKS:



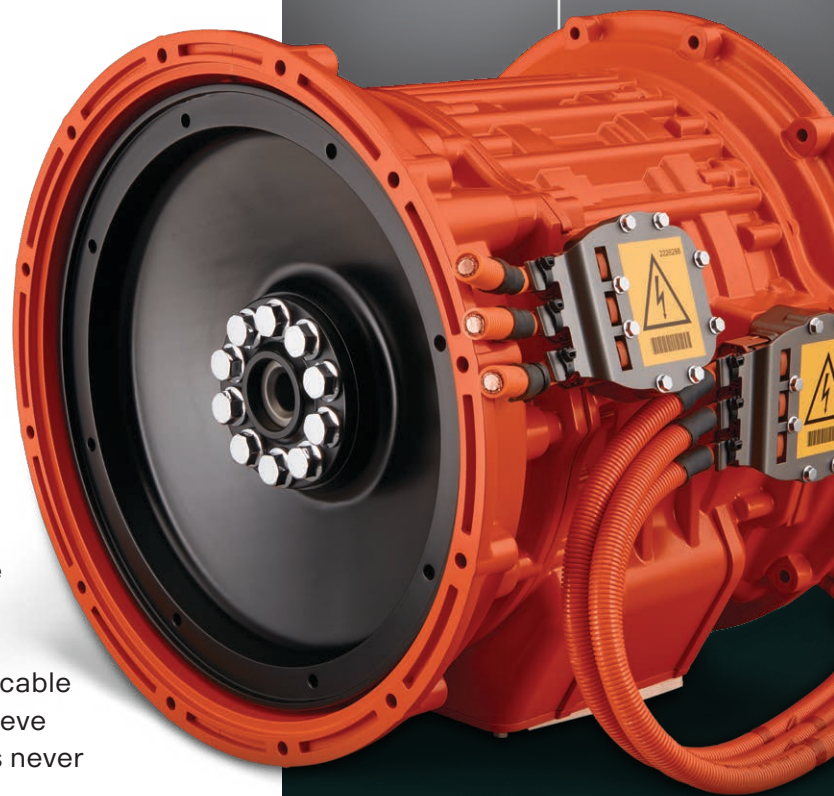
HYBRID ELECTRIC

Scania's hybrid system combines an e-machine and a combustion engine—run either together or as stand-alone power sources.

FULLY ELECTRIC

A fully electric installation powered by an e-machine.

E-MACHINE
OFFERING
OUTSTANDING
PERFORMANCE IN A
COMPACT DESIGN.



SCANIA

HYBRID ELECTRIC



92%

POTENTIAL CO₂ EMISSIONS REDUCTION

*assuming HVO and renewable electricity

- Exceptional torque and response directly from idling
- Significantly reduces fuel consumption
 - ▶ Lowering operational costs, noise and emissions
- Compact design without additional gearbox
 - ▶ Minimizes energy loss
 - ▶ Facilitates equipment design and installation

FULLY ELECTRIC



98%

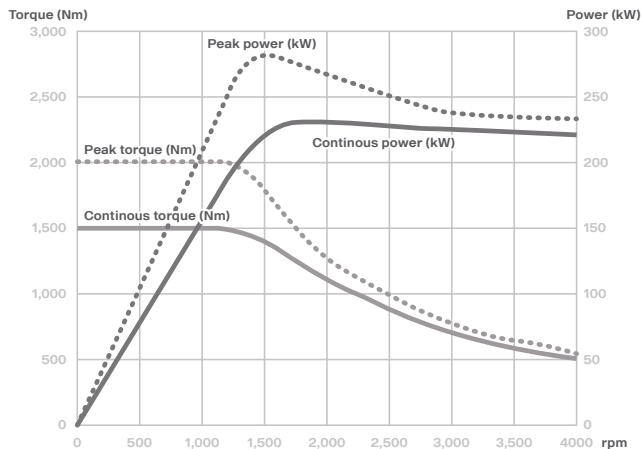
POTENTIAL CO₂ EMISSIONS REDUCTION

*assuming renewable electricity

- Outstanding power density, with maximum torque and response directly from start
- Energy efficiency and low maintenance requirements
 - ▶ Low operational cost
- Almost no emissions or powertrain noise

JOIN US IN THE SHIFT TOWARDS A MORE SUSTAINABLE FUTURE.

E-MACHINE TECHNICAL DATA



Power	230 kW (313 mhp) continuous 280 kW (381 mhp) peak @ 1,500rpm
Torque	1,500 Nm (1,107 lb-ft) continuous 2,000 Nm (1,476 lb-ft) peak @ 0 – 1,300rpm
Speed Range	0 – 4,000 rpm
System Voltage	650 V (DC)
Cooling	Oil Cooled
Interface to combustion engine	SAE 1 flange
Interface to driveline	SAE 1 flange
Clutch	Integrated dog clutch to combustion engine
Weight	250 kg (551 lb)
Dimensions	490 x 610 x 590 mm (19.3" X 24" X 23.2")