

SCANIA

POWER

To drive both machinery – and business



SCANIA ENGINES FOR INDUSTRIAL APPLICATIONS





You have demanding applications. We have powerful engines.

Rough, tough and demanding – the life of an industrial engine is no picnic, no matter what type of equipment or conditions it is running in. Day in, day out. In any kind of weather. Round the clock if necessary.

When you choose a Scania engine, you can stop worrying about uptime and reliability. Our customers make the toughest imaginable demands, and we build engines to meet them. And whether your equipment is operating in the heart of the city or in back of beyond, Scania has an organisation that is ready to serve you.

Call it “power at work”. That’s what Scania Engines stand for.

How many cylinders do you need? 5, 6 or 8?
Scania Engines’ product range includes the engine you need for your equipment. From straight 5 and 6 cylinder engines to powerful V8s, with cylinder volumes of 9, 12 and 16 litres.

All of our engines are loaded with power, but they are loaded with other qualities too: proven low fuel consumption, high uptime, quality and overall economy. If you are looking for engines to power both your equipment and your profit margin, look to Scania.

Towards a greener tomorrow.

A Scania engine produces low exhaust emissions today and in the far-distant future. We can easily handle the emissions requirements of both today and tomorrow – and with the same low fuel consumption. Most importantly, Scania engines meet emissions requirements with no special treatment or additional equipment, which makes owning a Scania both simpler and more economical.

Our technical solutions ensure that your investment and your work will be greener tomorrow. That’s Scania power.

SCANIA ENGINES FOR INDUSTRIAL APPLICATIONS





Experienced?

We manufacture 90,000 engines – every year.

Scania has been manufacturing engines for over a century. Over the years, we have thus provided the world with several million engines. You can find them in trucks, buses and equipment of all kinds.

Scania is one of the world's most experienced engine manufacturers. Since the basic technology is essentially the same, whether the engine is in a truck, bus or other machine, you are buying one of the world's most manufactured engines – from a company that spends millions and millions on research and development every year.

Really – could you feel any more confident?

One engine – many variants.

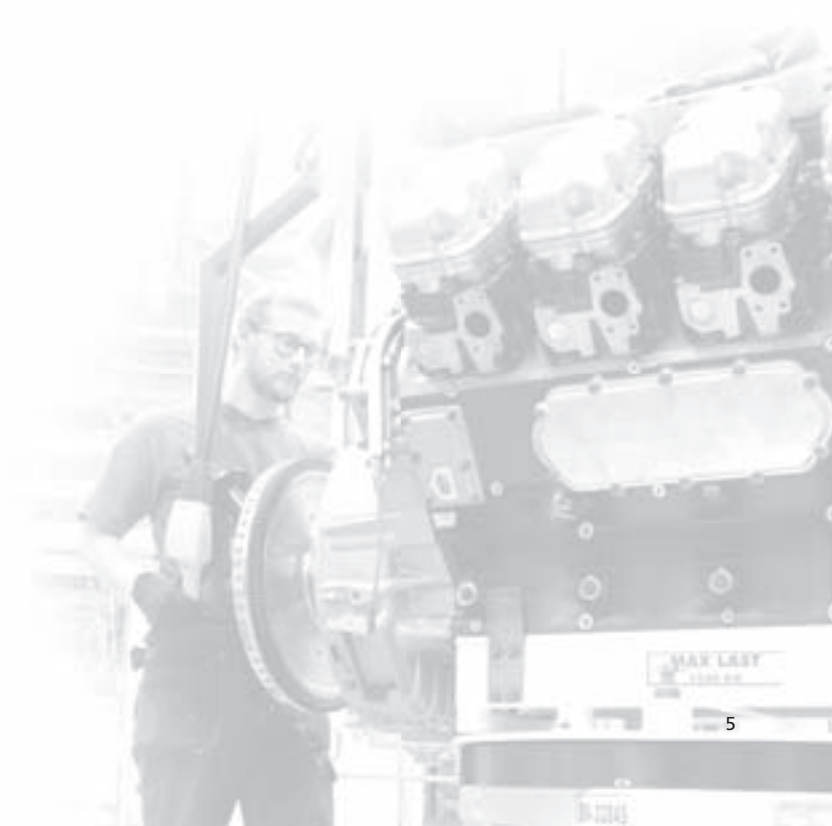
One of the major advantages Scania engines provide is our unique modular concept. We build all engine types with essentially the same components. The main difference is the number of cylinders – 5, 6 or 8.

Because of our modular approach, every penny we invest in engine development benefits all engine types. And since every engine is built from the same basic components, it's easy to keep spare parts in stock and easy for service technicians to learn the engine – after all, they only have to deal with a single type.

For you, it means extra confidence and security thanks to greater availability, with short downtime for service and repairs.

Partners for many years to come.

With over 100 successful years behind us, we know we will be a reliable partner for as long as you have Scania engines in your equipment. With every passing year, we expand our service network to more locations, providing you with better, faster support when and where you need it.







WEVER

How much power do you need?

Within the Scania engine range you will definitely find a diesel that suits your needs. The range includes 5 cylinders (9 litres), 6 cylinders (12 litres) plus our top of the line V8 engine with 16 litres. Each engine can be specified and customised precisely for its application area, ensuring optimal overall operating economy and emission levels that easily comply with domestic and international regulations.

Whether you are operating a 9, 12 or 16 litre engine, you can count on the highest possible uptime and the lowest possible operating costs.

Always powerful. Always economical.

Power matters, but Scania engines' torque curves matter even more. Maximal power is available even at low revs. You get full power from the bottom up and a flat torque curve, resulting in low fuel consumption, less vibration, less wear and quieter, smoother operation.

Our "low-rev approach" makes our engines a good choice for equipment or vehicles in which the engine generates power for several applications concurrently, such as power take off operation (PTO).

Compact and weight-optimised.

Scania engines are extremely compact and designed to have the lowest possible weight. They are easy to build in, easy to serve and maintain, and easy to match up to your machine's power train.

Yet despite compact dimensions and designs with no dead weight, we never compromise on Scania engines' signature properties – power, strength, reliability and economy.

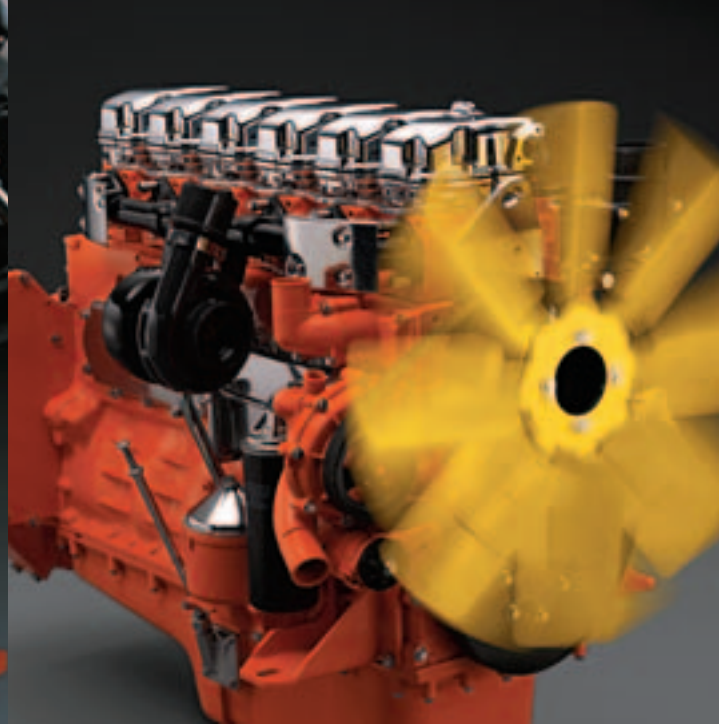
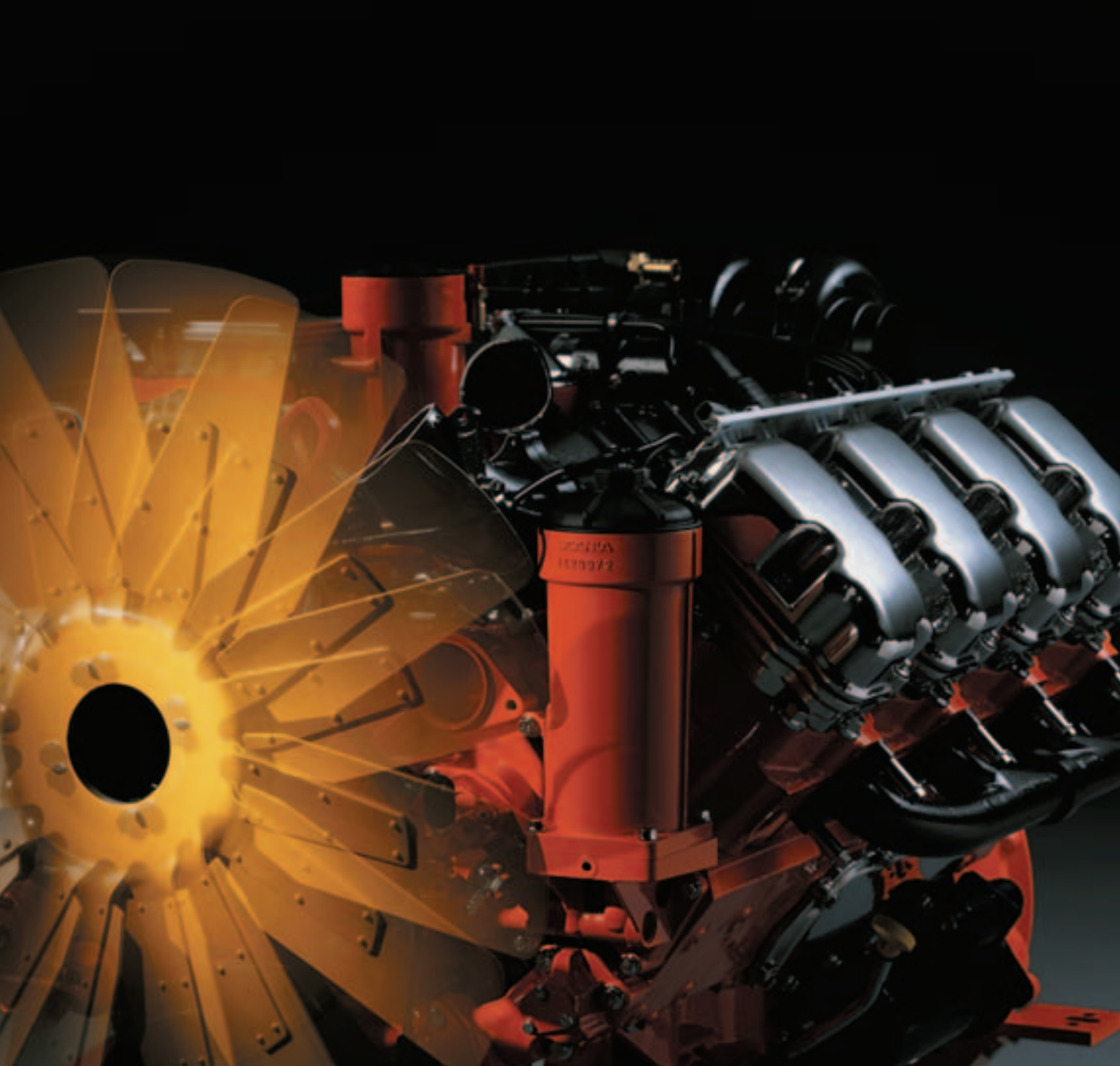
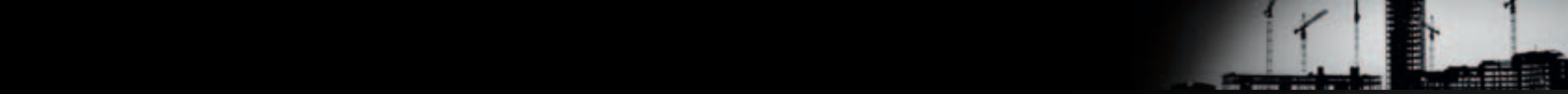
Every year, Scania invests a great deal of money in research & development, much of it focusing on developing ever better engines – better for the owner, better for the environment and better suited to the work they do.

Scania engines have always been known for their high level of technology and forward-looking solutions. People need to understand that we never do R&D for R&D's sake. The goal is always to provide the greatest possible benefit to our customers.

Magnus Henrikson

Manager Technical Development





SCANIA ENGINES FOR INDUSTRIAL APPLICATIONS



Designed to make a difference.

Scania engines are robust and reliable with long maintenance intervals. They are easy to maintain and repair. Common components are an important advantage. So too the fact that the engines are built to be served and repaired on site by a single technician.

That's why we make all service points easily accessible, and that's why each cylinder has an individual head that can be removed and replaced by a single person.

If you want maximal uptime, these are important properties and advantages.

Dual oil filtration system.

All Scania engines have a unique oil filtration system that provides maximum filtration and minimum wear. A full-flow paper filter removes large particles and a centrifugal cleaner filters out small particles.

Scania's oil filtration remains unchallenged as the best in its class, providing concrete benefits like better operating economy and lower environmental impact.

EMS and UI save you money and improve the environment.

Scania's electronic Engine Management System (EMS) was developed in house, specifically for our engines. It is designed to stand up to heavy use and harsh conditions and is thus extremely dependable, and it makes a major contribution to cutting fuel consumption and emissions.

The same is true of the Unit Injectors (UI) that are at the heart of the most reliable, well proven injection system on the market. They are designed for rough conditions and rugged use, and not even varying fuel quality affects their function. The unit injectors are an important link in the chain delivering low fuel consumption, low emissions and minimal exhaust smoke.







WEVER

Scania engines range overview.

9-litre engines

Basic data

The DC9 EMS is a turbocharged, 4-stroke diesel engine with unit injectors and EMS (Engine Management System).

DC9 EMS	Charge cooled (air-air)
Configuration	5 in line
Displacement	8.9 litres
Bore	127 mm
Stroke	140 mm
Weight excl. oil and water	
DC9 EMS	887 kg

Output range

All-speed engines

177 kW (240 hp) – 243 kW (330 hp) at 2200 r/min

Dimensions (mm)

H (W) L: 1116 (811) 1275

Environment

It is also available without certification.

12-litre engines

Basic data

The DI12 EMS and DC12 EMS are turbocharged, 4-stroke diesel engines with unit injectors and EMS (Engine Management System).

DI12 EMS	Charge cooled (air-water)
DC12 EMS	Charge cooled (air-air)
Configuration	6 in line
Displacement	11.7 litres
Bore	127 mm
Stroke	154 mm
Weight excl. oil and water	
DI12 EMS	995 kg
DC12 EMS	1065 kg*

*Incl. standard radiator and expansion tank.

Output range

All-speed engines

243 kW (330 hp) – 331 kW (450 hp) at 2100 r/min

Environment

The DC12 EMS complies to EU Stage IIIA and US EPA Tier 3 regulations. It is also available as EU Stage II and US Tier 2 compliant.

16-litre engines

Basic data

The DC16 EMS is a turbocharged, 4-stroke diesel engine with unit injectors and EMS (Engine Management System).

DC16 EMS	Charge cooled (air-air)
Configuration	V8 in 90° V
Displacement	15.6 litres
Bore	127 mm
Stroke	154 mm
Weight excl. oil and water	
DC16 EMS	1290 kg*

*Excl. standard radiator and expansion tank.

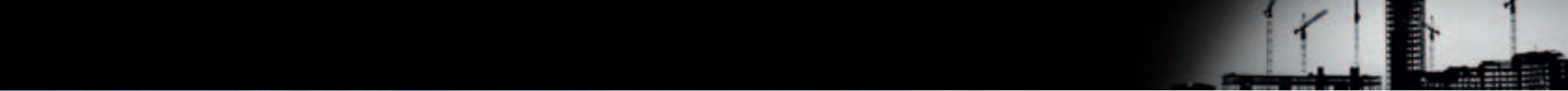
Output range

All-speed engines

353 kW (480 hp) – 382 kW (520 hp) at 2100 r/min

Environment

The DC16 EMS complies to EU Stage IIIA and US EPA Tier 3 regulations. It is also available as EU Stage II and US Tier 2 compliant.



Scania pursues an active policy of product development and improvement.
For this reason the company reserves the right to change specifications without
prior notice. Specification data may vary from one market to another.

