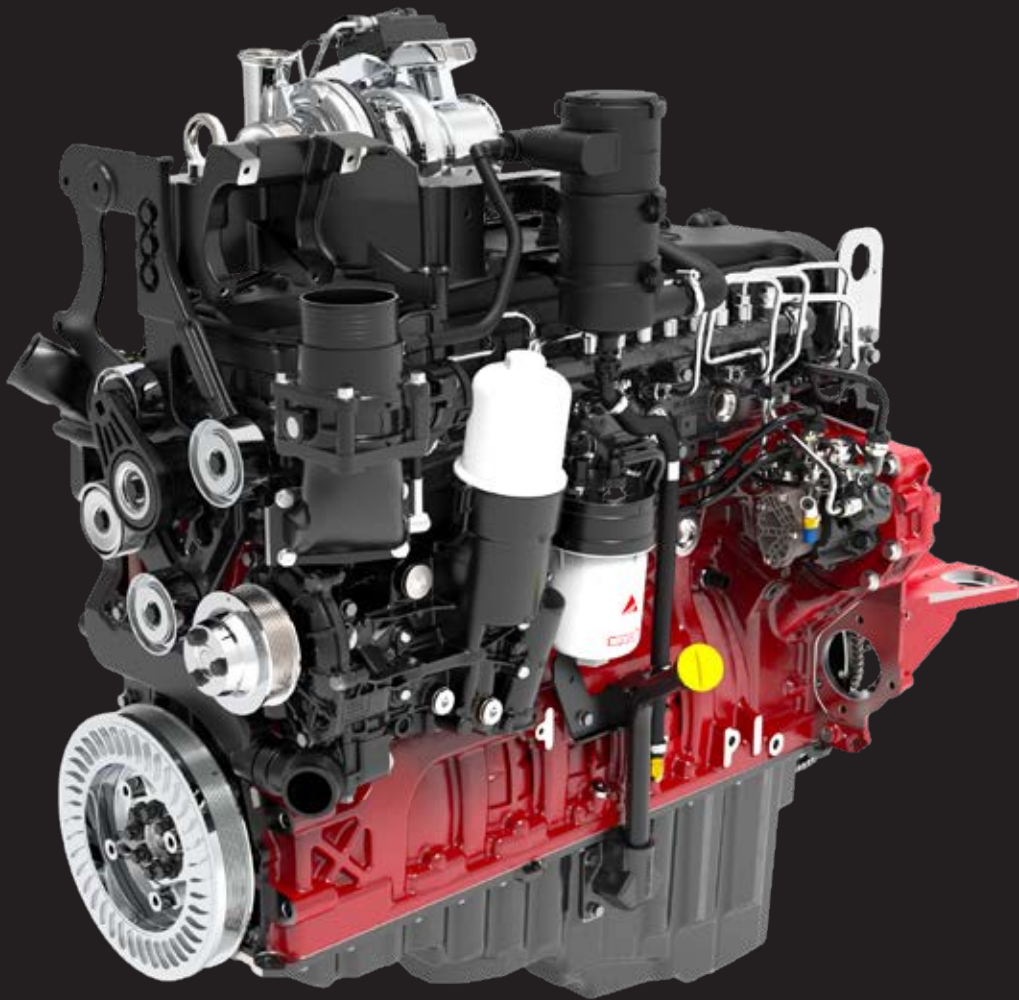




AGCO Power **CORE**



AGCO Power **CORE75**

EU Stage V / US Tier 4F
compliant diesel engine

The new Fendt 700 Vario Gen7 is powered by the AGCO Power CORE75 engine.



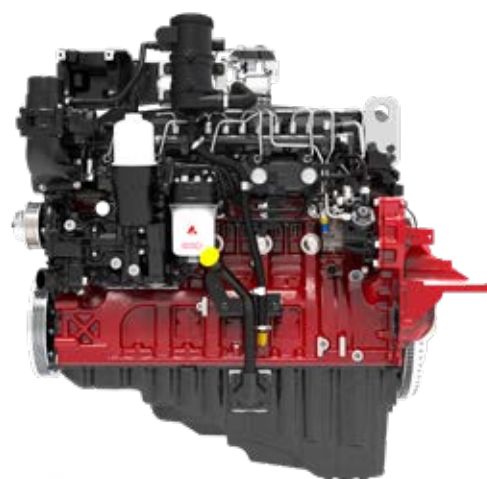
Times change. Power remains.

AGCO Power CORE is an exceptional diesel engine family with its excellent fuel economy, reliable low-speed concept and a streamlined design that enables higher quality with fewer parts. Rigorously tested and crafted, AGCO Power CORE family is a reliable source of low-emission power for all off-road applications in the 100–250 kW range. But it is also a flexible platform designed with alternative fuels in mind, making the basic structure viable for future engine variants as well. AGCO Power CORE is ready to power the tomorrow.

AGCO Power CORE75

CORE75 is an all-new 223 kW 7.5-liter diesel unit with excellent torque, fuel economy and reliability. Optimized for today's off-road use, its features ensure versatile power – such as excellent torque in low RPM, responsive dynamics and an advanced emission control system.

Ready for the future, AGCO Power CORE75 is the most advanced diesel engine in the market today.



Power for the changing work

High response with superior torque

A wide range of useful torque with excellent dynamics makes the engine extremely responsive.

AGCO Power CORE75 has a torque of 1450 Nm, highest in its power class.*

Best fuel economy with low-speed concept

AGCO Power CORE75 is designed to offer maximal torque at 1300 RPM instead of the more typical 1500 RPM. This low-speed concept enables the best fuel economy in the market today - 188 g / kWh - as well as lower noise level.

Robust and reliable structure

AGCO Power CORE75 has been designed from the ground up to be extremely robust while having 25% fewer parts and is EGR-free, making the engine more reliable and easier to service.

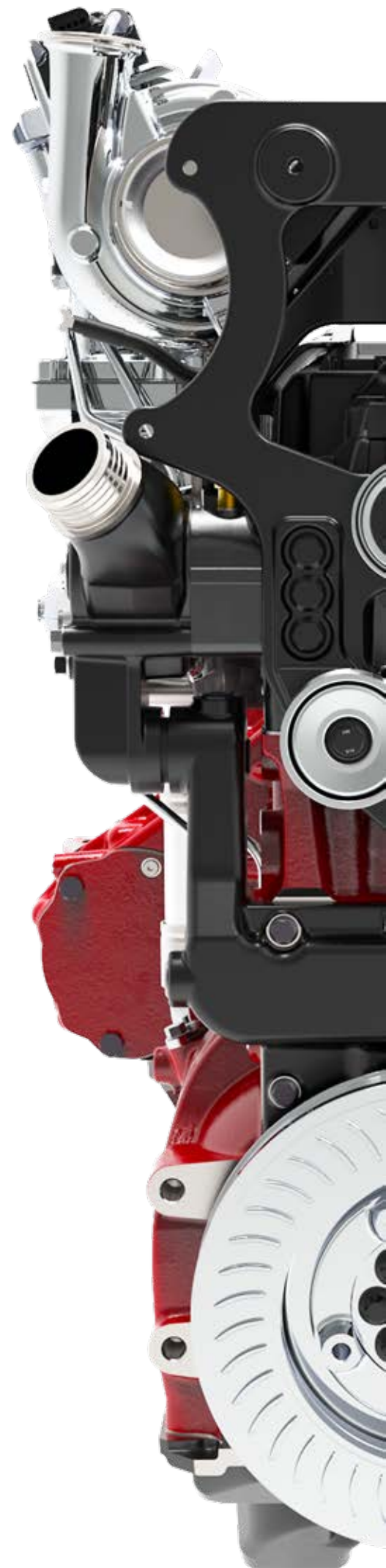
Designed for economical ownership

AGCO Power CORE75 is made for economical long-term use. It has excellent fuel efficiency, while the superb engine integration and fewer parts enable long engine lifetime and lower maintenance costs.

Sustainable power

AGCO Power CORE75 meets the most stringent emission standards and the platform is prepared to fulfill future emission requirements. Fuel efficiency, long engine lifetime and HVO (up to 90% less GHG emissions) compatibility guarantee sustainable performance without compromise. Today and tomorrow.

*less than 250 kW



Technical information

Technical data

CORE75

Emission level EU Stage V / Tier 4Final

Number of cylinders 6

Bore / stroke 110 mm / 132 mm

Displacement 7,5 l

Rated speed 1700 RPM

Max. power 223 kW

at speeds 1500 RPM - 1700 RPM

Max. torque 1450 Nm

at speeds 1200 RPM - 1400 RPM

Turbocharger technology eWastegate

EAT technology DOC + DPF + SCR (EGR-free)

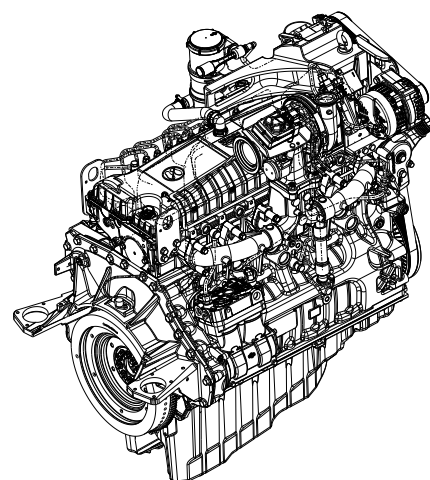
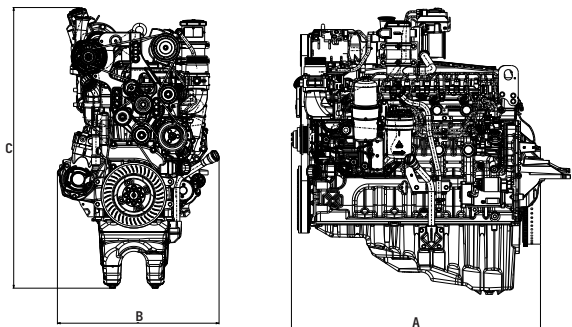
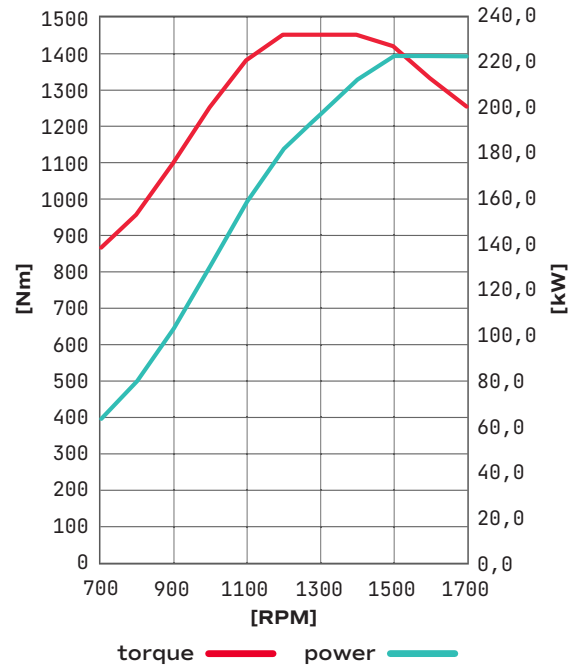
SFC (best point) 188g / kWh

Dimensions

Length (A) 1080 mm

Width (B) 710 mm

Height (C) 1240 mm



The heritage of reliable power

Since its founding in 1942 in Finland, AGCO Power has designed and manufactured engines that are known for their performance and reliability in demanding use. Today AGCO Power manufactures engines globally in four factories across the globe in Finland, China, Brazil and Argentina. AGCO Power offers powertrain solutions for off-road machinery, marine applications as well as backup power generation. Building on the heritage of reliable power, AGCO Power engines combine the tradition of precision engineering with the most modern engine and emission control technology.

AGCO Power Inc.

FI-37240 Linnavuori, NOKIA
FINLAND

Tel. +358 20 786 3600

sales.agcopower@agcocorp.com

agcopower.com

