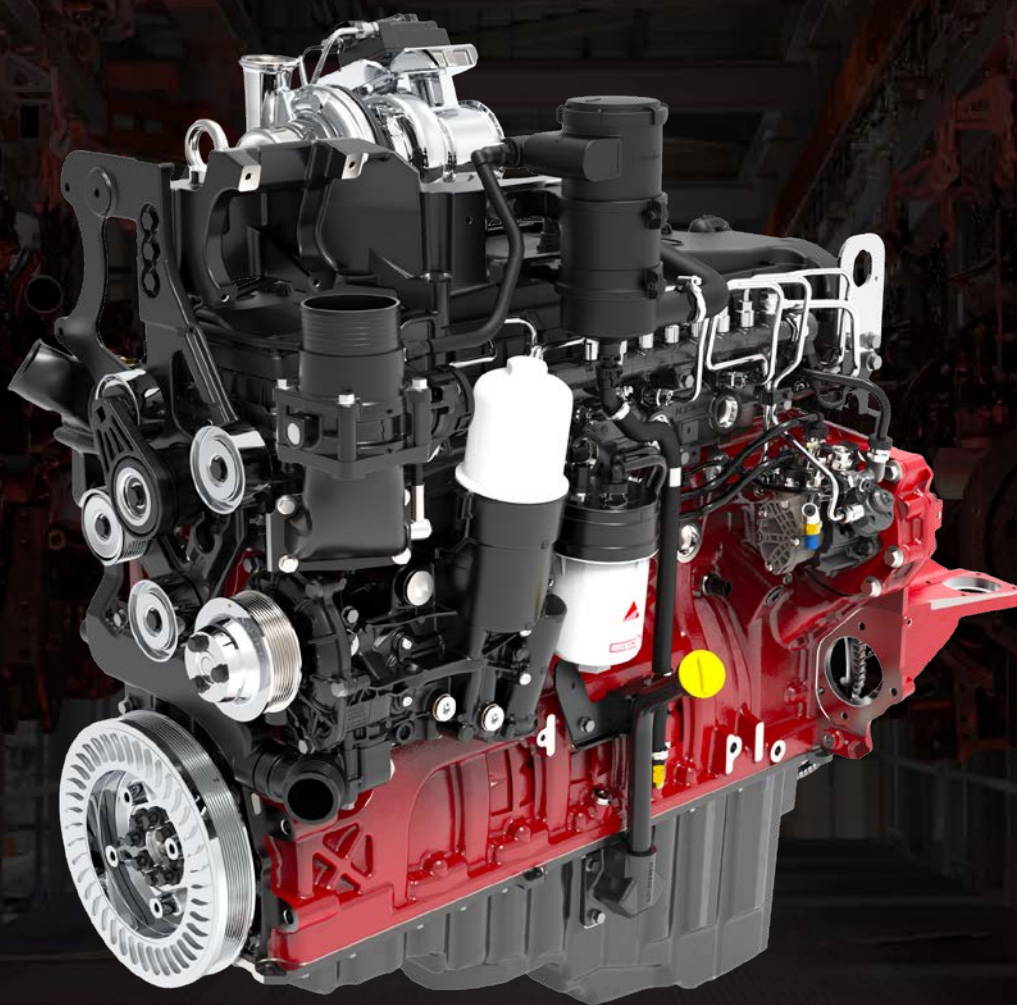




AGCO Power CORE



CORE75

EU Stage V / US Tier 4F
compliant diesel engine.



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



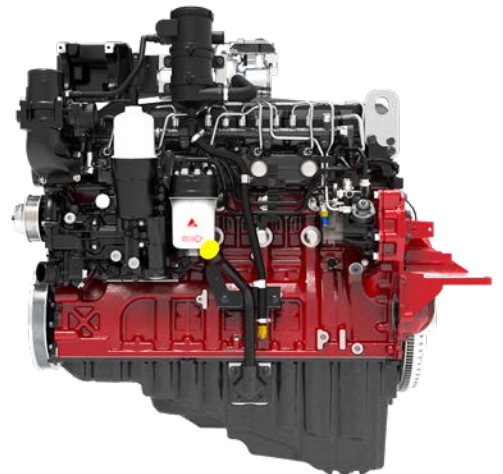
Times change. Power remains.

AGCO Power CORE is an exceptional diesel engine family with its excellent fuel economy 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 ≤ 250 kW range. CORE75 is available as a low-speed and high-speed variants. 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 250 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 (1070ft lbs) highest in its power class.*

Best-in-class fuel economy

The CORE75 engine has the best fuel economy in the market today - 188 g / kWh (0,31 lb / hph). This is achieved through excellent mechanical design and CO₂ / NO_x optimized combustion, resulting in a low cost of ownership.

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.

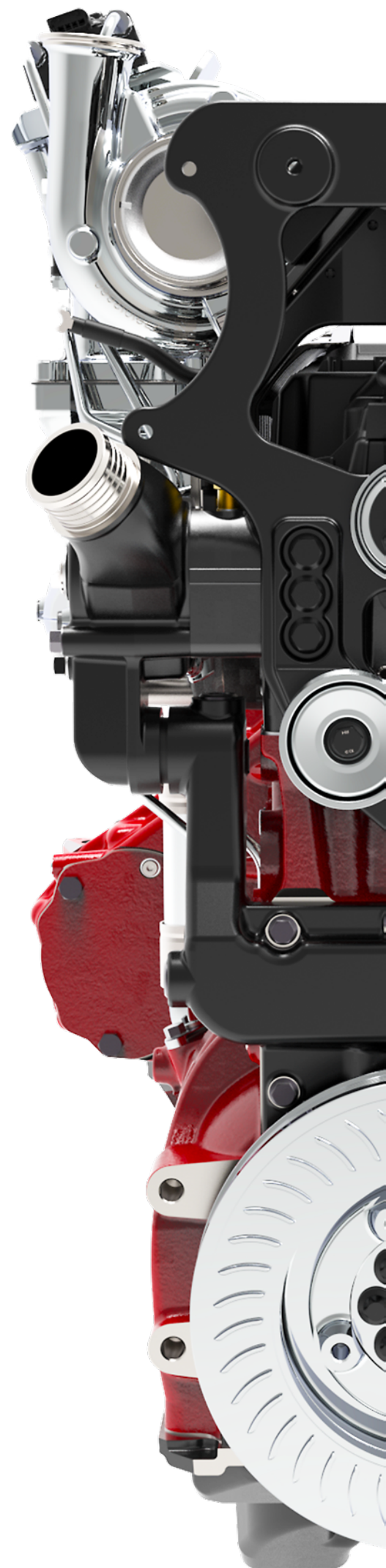
Designed for economical ownership

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.

* ≤ 250 kW



Technical information

Technical data

CORE75

Emission level	EU StageV / US T4F
Number of cylinders	6
Bore / stroke	110 mm / 132 mm (4,33in / 5,20in)
Displacement	7,5 l (458 cu in)
Rated speed	1950 RPM
Max.power	250 kW / 335 hp
at speeds	1850 RPM
Max.torque	1450 Nm (1070 ft lbs)
at speeds	1500 RPM
Turbocharger technology	eWastegate
EAT technology	DOC + DPF + SCR & EGR-free
SFC (best point)	188 g/kWh (0,309 lb/hph)

Dimensions

Length (A)	1080 mm (42,5in)
Width (B)	710 mm (28,0in)
Height (C)	1240 mm (48,8in)

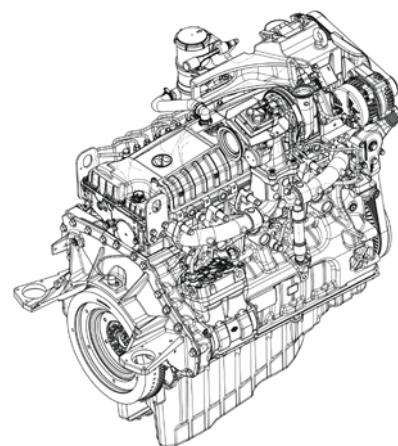
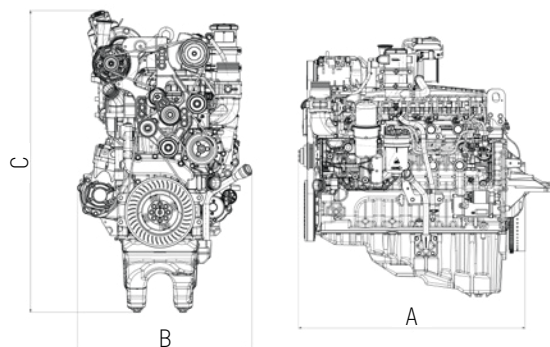
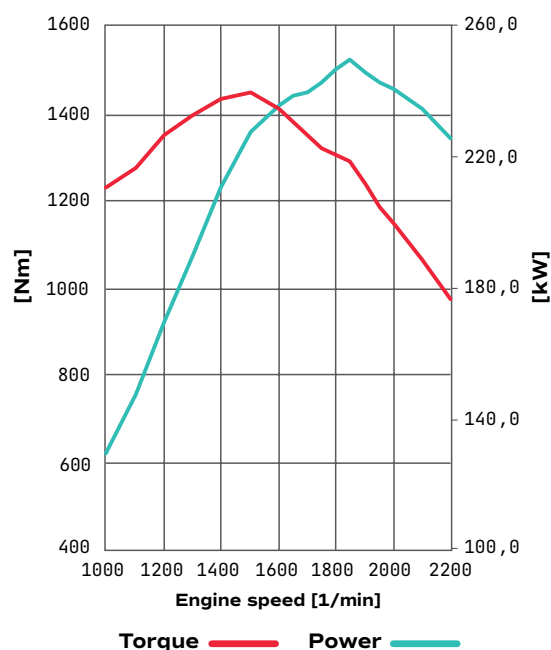
Information on different performance options available upon request

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 is a subsidiary of US-based machinery manufacturer AGCO Corporation with its headquarters in Duluth, Georgia, USA.

Power curves may be subject to change.



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