

DEUTZ TCD 3.9 / 4.0



TCO optimized solutions for
highest emission requirements

TCD 3.9 / 4.0

- Max. power: 129,4 kW (2300 rpm)
- Max. torque: 700 Nm (1300 rpm – 1600 rpm)



 **DEUTZ**
HVO CERTIFIED



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Engine characteristics

Target Engine Specification

- Cylinder 4 inline
- Displacement 3.94 l
- Bore / Hub 99 / 128 mm
- Max. Power 129,4 kW (2300 rpm)
- Max. Torque 700 Nm (1300 – 1600 rpm)
- Multi-Power Label available
- Side PTO 1 160 Nm
- Side PTO 2 310 Nm
- B10T 8,000 Std. (construction use)
- Service Interval 500 h / 1,000 h optional
- Start-Stop-System available

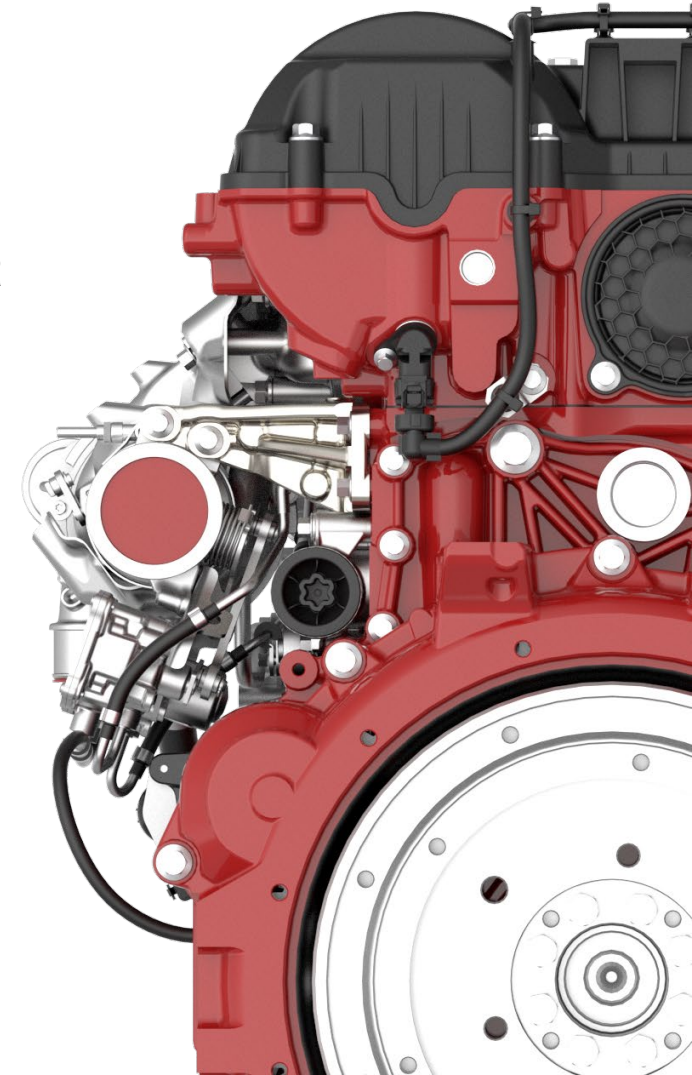
EAT Specification:

Stage V & Tier 4:

- DOC/DPF + SCR / w/o EGR

Stage IIIA:

- w/o EAT / with EGR

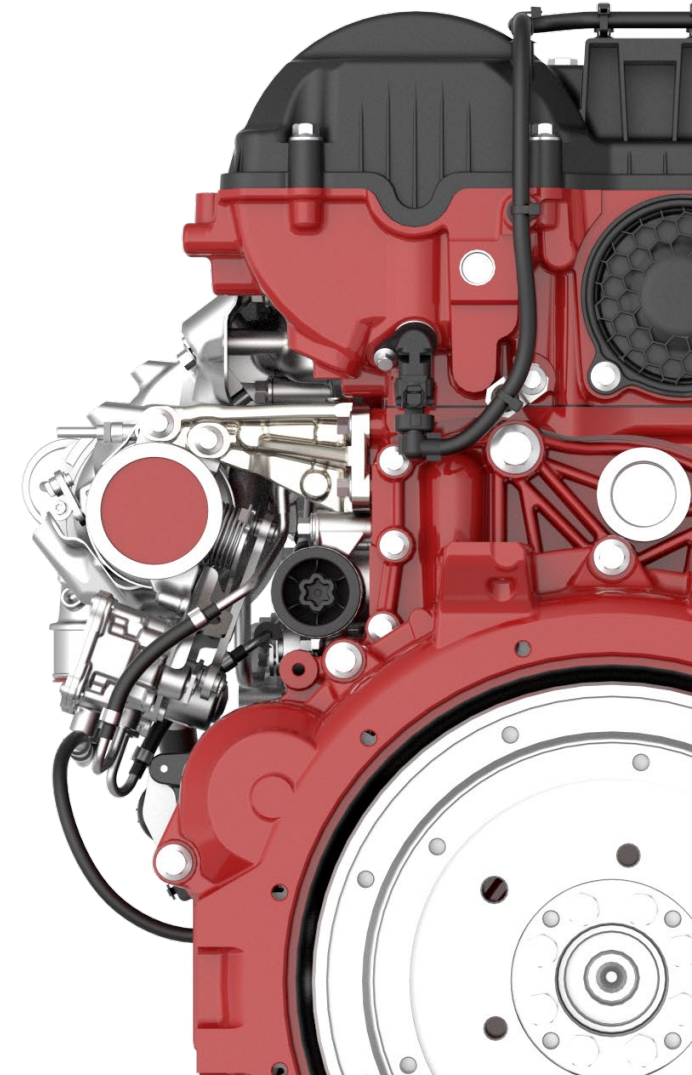


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Characteristics standard and performance variant

	TCD 3.9	TCD 4.0
	Standard	Performance
Power	75 – 110 kW	110 – 129,4 kW
Max. Torque	642 Nm	700 Nm
Aftertreatment (Stage V & Tier 4F)	DOC/DPF + SCR w/o EGR	



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KEY FEATURES AT A GLANCE

High power density:

Experience a wide power range from 75 to 130 kW in a compact 3.6-liter package.

Exceptional performance:

Enjoy impressively high torque at low speeds and a wide plateau from 1300 to 1600 rpm at 700Nm peak torque.

Ready for the future:

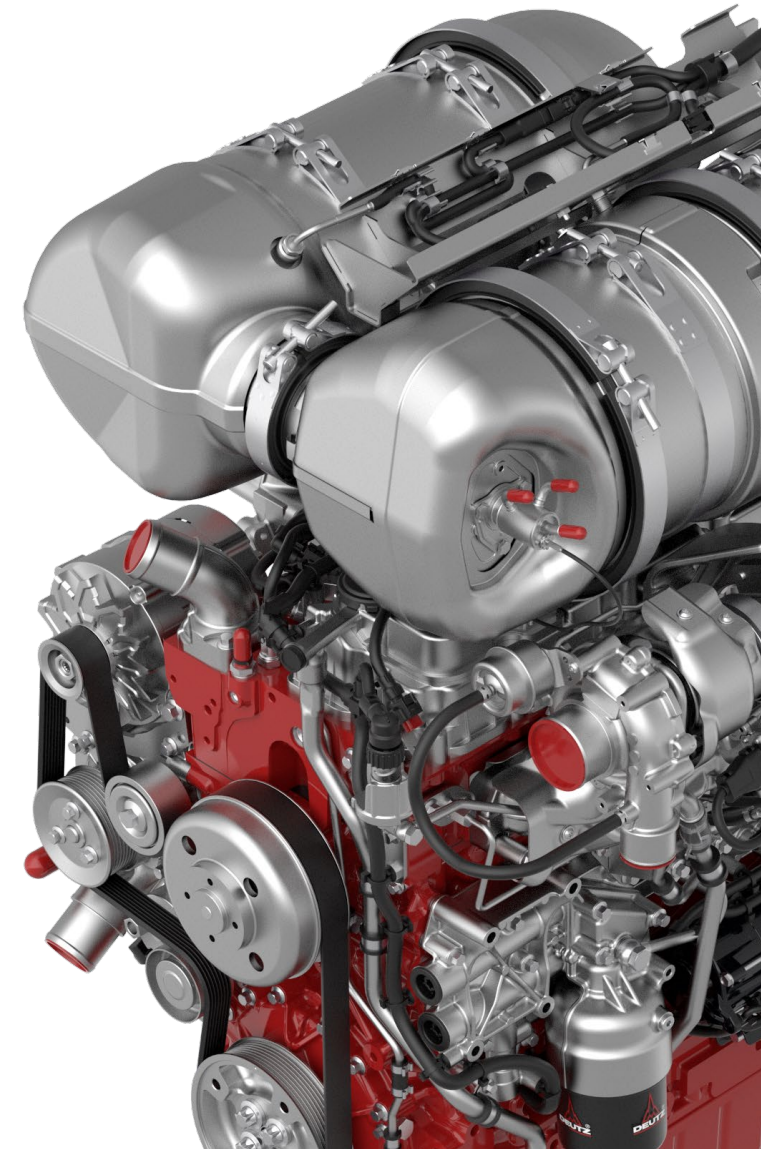
An engine platform that can be easily scaled up to other operating fluids (ReFuels, H₂, ...).

Energy efficient:

Reduced operating costs due to lower fuel consumption (198 g/kWh) and long service intervals (up to 1000h).

Higher productivity:

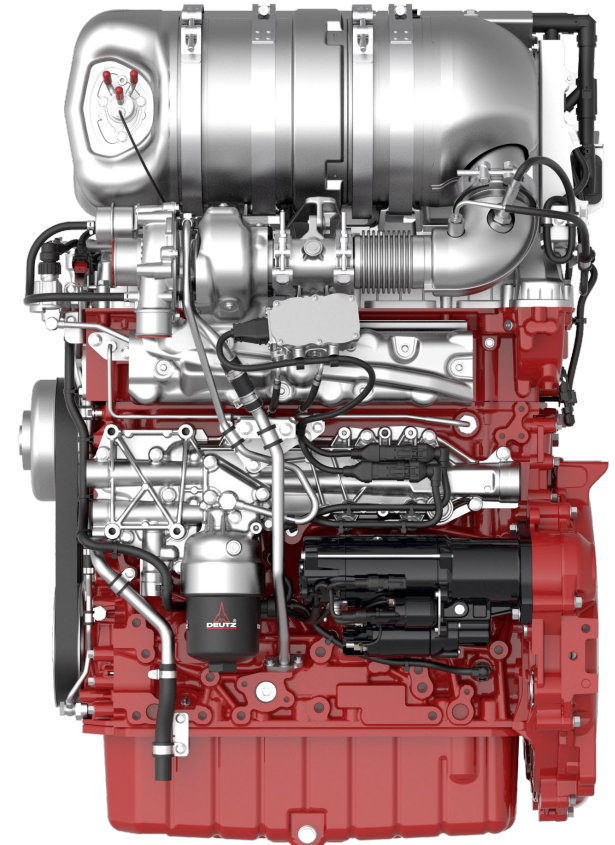
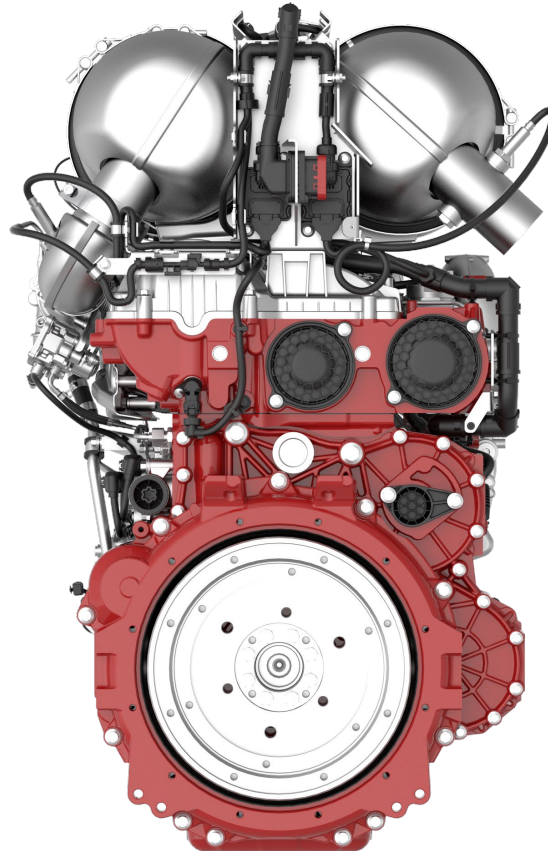
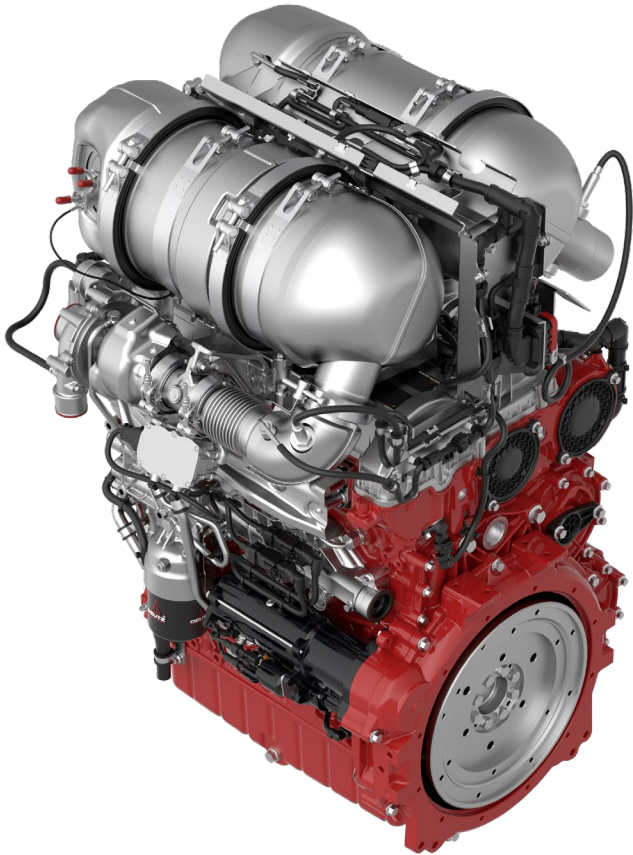
Increased uptime via preventive standstill regeneration (Stage V)



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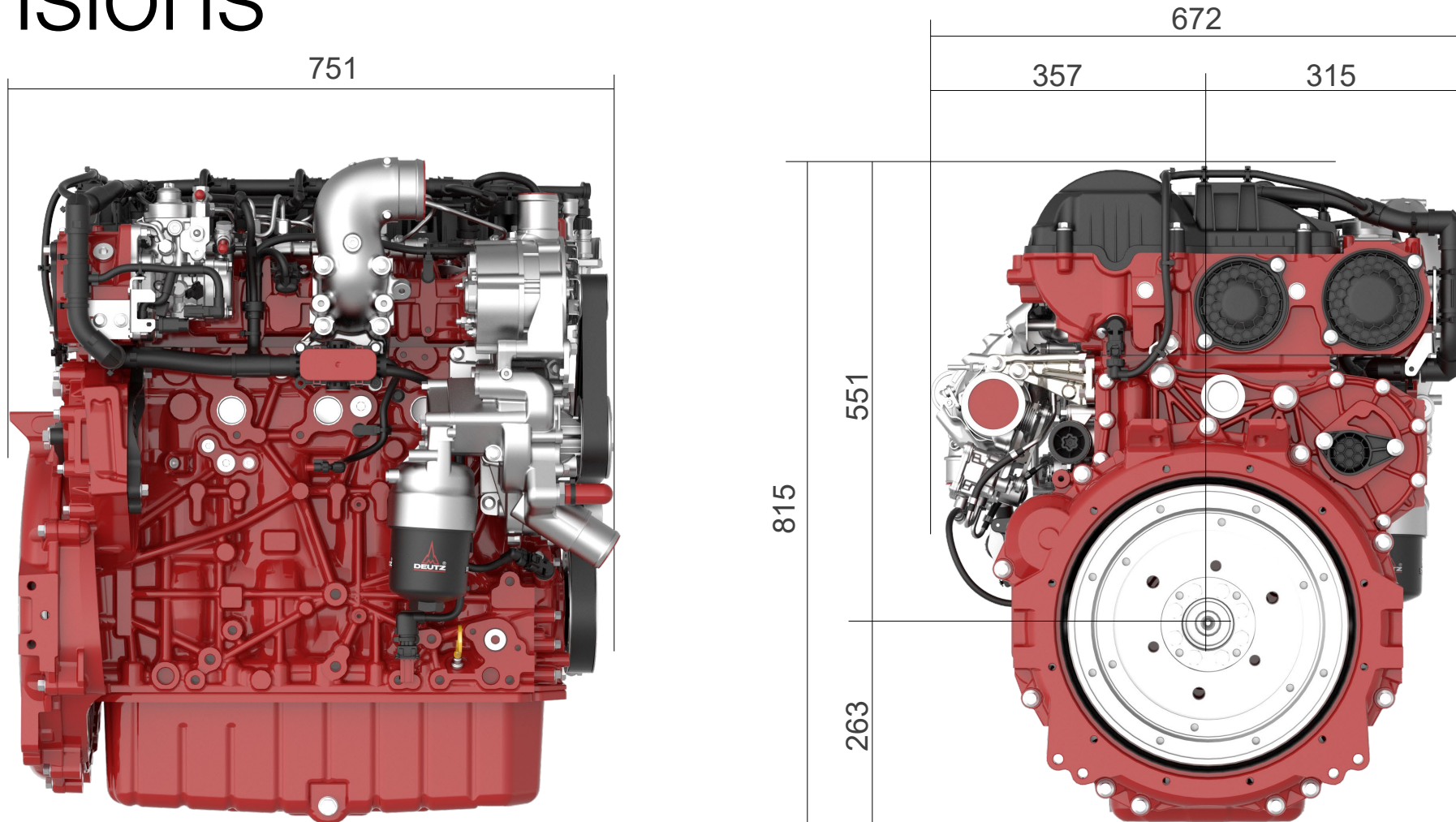
Mounted EAT



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Dimensions



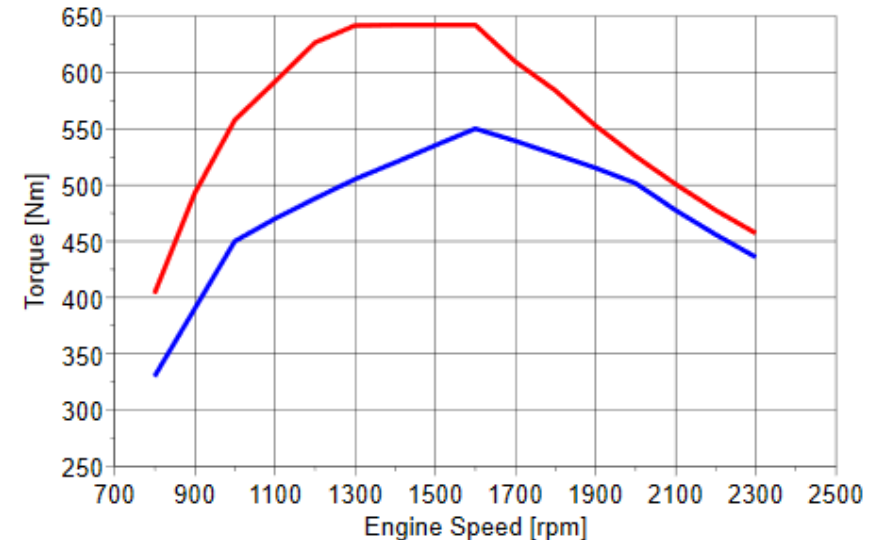
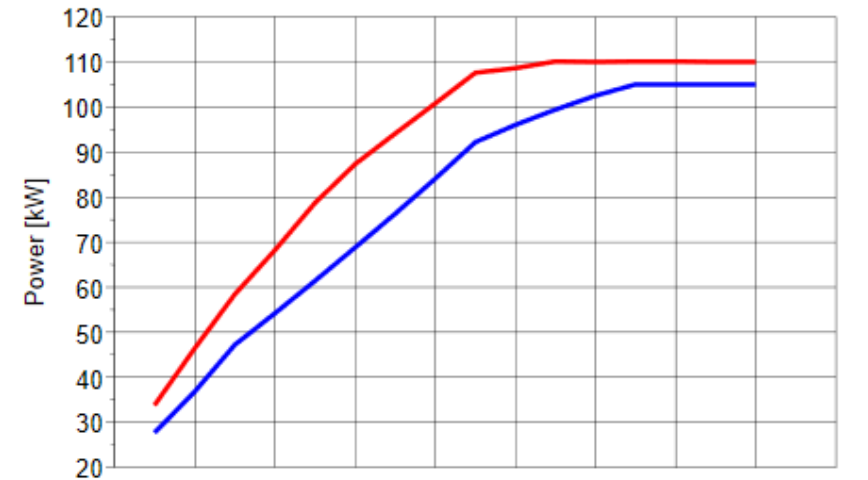
DEUTZ TCD 3.9 preliminary



Engine performance curve

- Engine Type **TCD 3.9 L4 Value**
- Power acc. to ISO14396
- Rated power 110 kW / 2300 rpm
- Max. torque 642 Nm / 1600 rpm

- Engine Type **TCD 3.6 L4**
- Power acc. to ISO14396
- Rated power 105 kW / 2300 rpm
- Max. torque 550 Nm / 1600 rpm



DEUTZ TCD 4.0 preliminary



Engine performance curve

- Engine Type **TCD 4.0 L4 Performance**
- Power acc. to ISO14396
- Rated power 129,4 kW / 2300 rpm
- Max. torque 700 Nm / 1600 rpm

- Engine Type **TCD 4.1 L4**
- Power acc. to ISO14396
- Rated power 115 kW / 2300 rpm
- Max. torque 609 Nm / 1600 rpm

