

DEUTZ TCD 5.1 L4

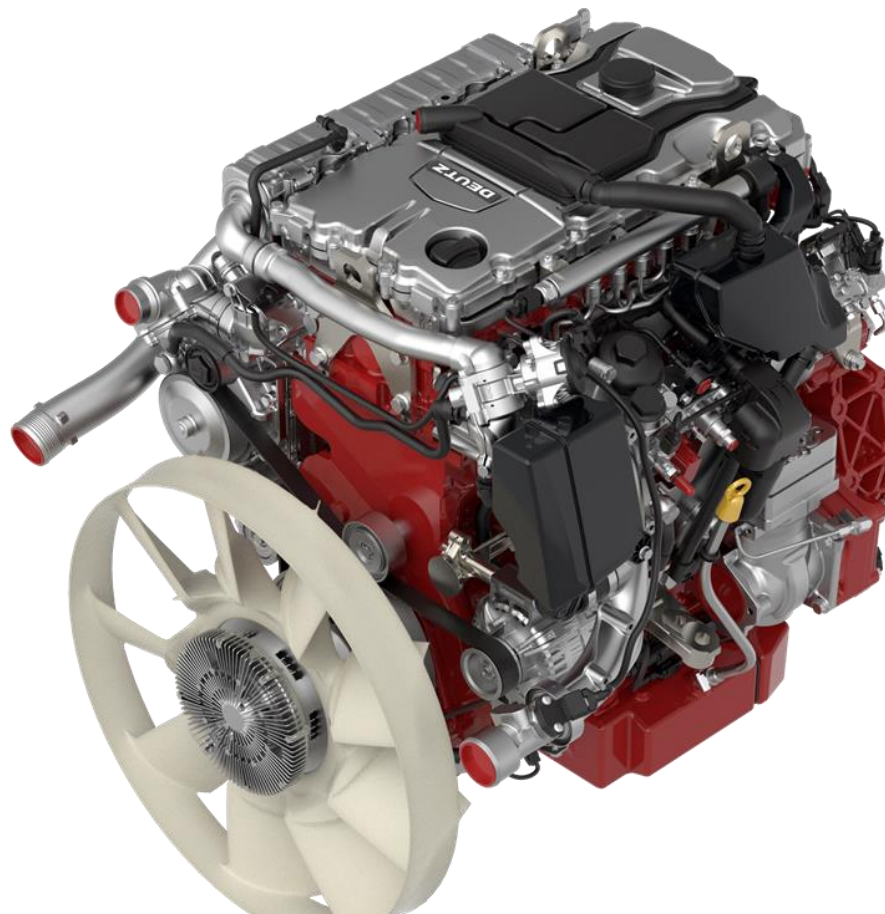
Powerful, efficient and compact.



For mobile & stationary machinery

The T(T)CD 5.1 (OM934) series – With up to 170 kW Power Output ideal for your Application.

- **POWERFUL** / Up to 170 kW & 950 Nm
- **LOW EMISSIONS** / EU Stage V, EPA Tier 4 & HVO ready
- **MODULAR** / Wide range of applications due to a variety of options
- **VERSATILE** / For C&I, Mining, Agriculture and Forestry applications



Engine Type	TCD 5.1		TTCD 5.1	
Cylinder configuration	4 cyl./In-line		4 cyl./In-line	
Displacement, total	l (cu in)	5.13 (313)	5.13 (313)	
Aspiration	Turbocharger with charge air cooler		Dual stage turbocharger with charge air cooler	
Bore/stroke	mm (in)	110/135 (4.3/5.3)	110/135 (4.3/5.3)	
Fuel specification	DIN EN 590 Stand 2010ff DIN EN15904		DIN EN 590 Stand 2010ff DIN EN15904	

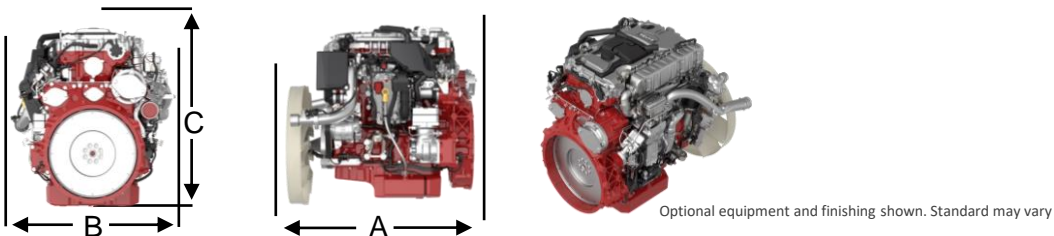
ENGINE PERFORMANCE

Engine Type	Rated power		Peak torque			Fuel consumpt. at rated power	Fuel consumpt. at peak torque	
	kW	bhp	rpm	Nm	lb-ft	rpm	g/kWh	
TCD 5.1	115	154	2200	675	498	1200-1500	197	193
TCD 5.1 *	129	173	2200	750	553	1200-1600	197	193
TTCD 5.1	150	201	2200	850	627	1200-1600	192	188
TTCD 5.1 *	170	228	2200	950	701	1200-1600	194	190

Ratings acc. to ECE R120

Emissions: Emission Flex Package (EFP) UN ECE R96 Stufe IIIA
 EU Nonroad Stage V (2016/1628)
 EU Nonroad St. V (2016/1628) + EPA Nonroad T4
 *MSHA/CANMET certified optional with Code MDC9

DIMENSIONS



Engine Type	Weight [kg] (lbs)	Dimensions [mm]		
		A	B	C
T(T)CD 5.1	510 (1124) ¹⁾	948	860	1033

All dimensions are approximate, for complete information refer to the installation drawing.

¹⁾DIN 70020



Standard equipment	Optional equipment
24 Volt starter/generator	12 Volt starter/generator
Common rail injection system	SAE 2 flywheel housing
Electronic engine management	2 Aux REPTO
Electronic interface module	Air compressor
Turbo charging air to air cooling	AC compressor
High pressure EGR system	Flex engine mounts
One-box aftertreatment system with SCR/DPF/DOC incl. muffler	Elevated fan drive
Closed crankcase ventilation	Cooling fan
SAE 3 flywheel housing	Exhaust brake system

Reference conditions:

> Intake temperature: 25°C (77°F)

> Charge air temperature: 40°C

> Altitude: 200 m (656 ft)

> Air intake restriction: 25 mbar

Subject to change without notice. Customization possible. Engines illustrated in this document may feature options not fitted as standard to standard engine.