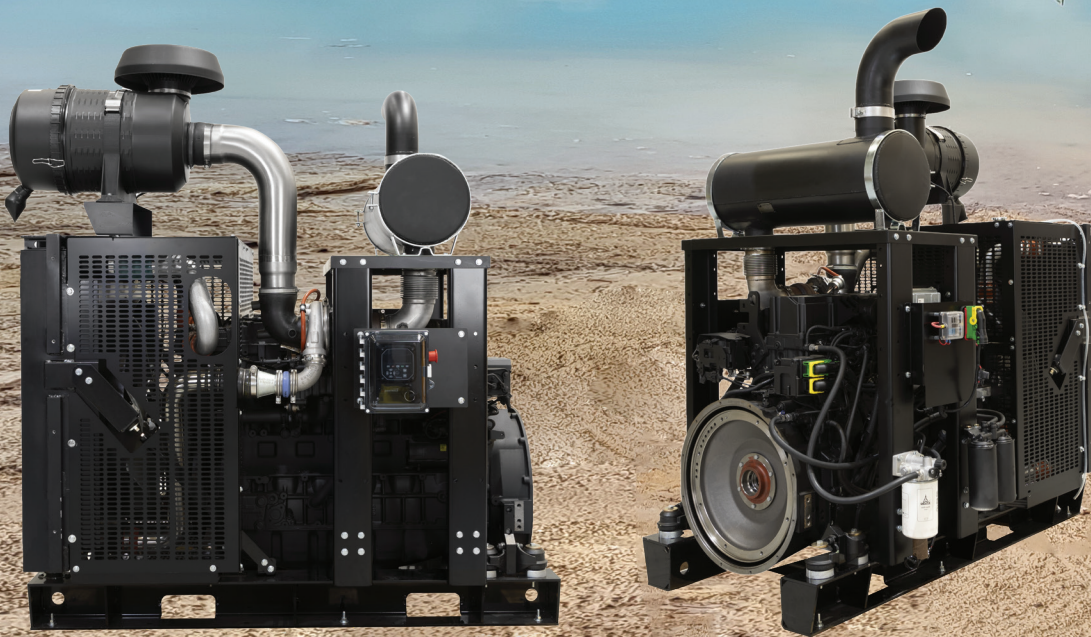


# NEW DEUTZ DRIVE SERIES TCD 7.8 POWER PACK



## TCD 7.8 L6 ENGINE OVERVIEW

- ▶ Water-cooled 6-cylinder inline diesel engine with turbocharging, charge air cooling and cooled external exhaust gas recirculation.
- ▶ The Powerpack comes complete with cooling system, exhaust system and control system. This simplifies machine integration for the OEM considerably and virtually means a drop-in solution.
- ▶ With its powerful DEUTZ Common Rail (DCR®) injection system and electronic drive system control, the TCD 7.8 delivers optimum performance while consuming less fuel.
- ▶ Engine is engineered to achieve maximum total system efficiency and reducing operating costs for its users.
- ▶ Additionally, its long oil change intervals and easy-to-change engine fluids make maintenance a breeze, resulting in reduced running costs and increased machinery availability.

## APPLICATIONS

DEUTZ Power Packs offer the renowned performance and reliability associated with all DEUTZ engines and powered equipment. They're ideal for use in a wide range of equipment including:

- ▶ De-watering pumps
- ▶ Agricultural machinery
- ▶ Construction machinery
- ▶ Sewer vacuums and pumps
- ▶ Woodchippers
- ▶ Oil field pumps
- ▶ Irrigation pumps
- ▶ Specialty machinery

Elevate your equipment's performance and longevity  
by choosing DEUTZ genuine spare parts only.

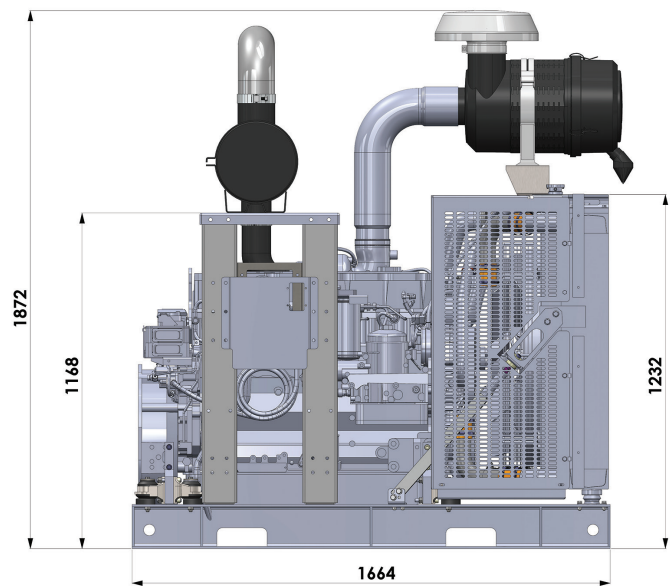
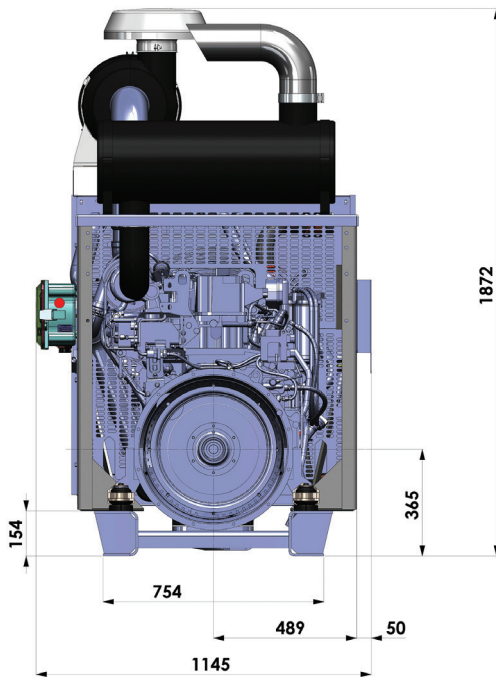


## ENGINE DATA

No. of cylinders		6
Bore/stroke	mm	110/136
Displacement	l	7.8
Power Maximum	kW	250
Power rating for intern. operations	kW	225
Power rating for cont. operations	kW	190
Max normal speed	min-1	2200
Max. torque @ 1450 rpm	Nm	1400
Specific fuel consumption <sup>1</sup>	g/kWh	192
Adapter housing		SAE 1
Flywheel		SAE 14"

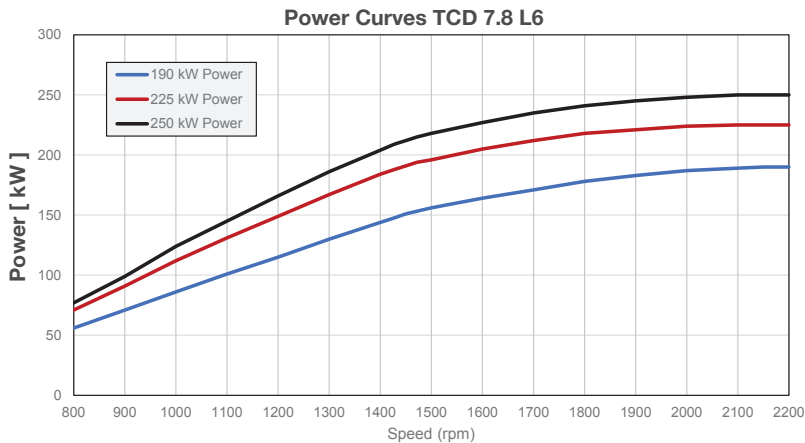
1) Best point consumption refers to diesel with a density of 0.835 kg/dm<sup>3</sup> at 15°C

## DIMENSIONS



## ENGINE PERFORMANCE CURVE

Engine type / - code:	TCD 7.8 L6		
Rated power:	190 kW	225 kW	250 kW
Max. torque:	1050 Mn @1450 rpm	1260 Nm @ 1450 rpm	1400 Nm @ 1450 rpm



- Values after 100 running-in hours under load conditions.
- Values derived are from currently available data.
- Errors and omissions excepted.

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