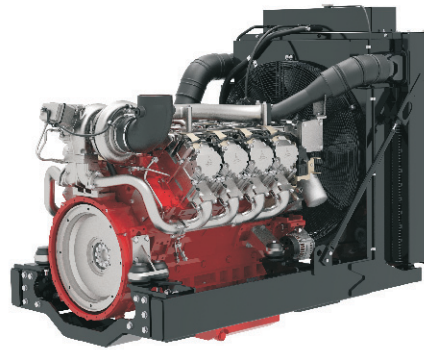


PowerPack

TCD 4.1/6.1 & TCD 12.0/16.0

80 – 520 kW / 108 – 697 hp
EU Stage IIIB / US EPA Tier 4 interim

- Ready to install engines with coolers for mobile machinery in the power range from 80 to 520 kW based on the engine series TCD 4.1/6.1 and TCD 12.0/16.0.
- Reduced installation work and cost. The standardised components and connection points are exactly specified.
- The cooling layout is optimised for every engine model in terms of performance and noise. The engines can be equipped with a suction or pusher fan.
- Engine and cooler are mounted on a self-supporting frame. A frameless version with a loose cooler is available as an option.
- Easy access to the fuel filters due to variable mounting positions.
- Taking charge of the exhaust aftertreatment of the TCD 4.1/6.1 the DVERT® Particulate Filter can either be mounted on top or on the side of the PowerPack.
- For the TCD 12.0/16.0 the exhaust aftertreatment is achieved by the SCR catalyst which is shipped loose.



Technical data

PowerPack		TCD 4.1 L4	TCD 6.1 L6	TCD 12.0 V6	TCD 16.0 V8
Engine power in accordance with ISO 14396 ¹⁾	kW hp	115 154	180 241	390 523	520 697
Max. torque	Nm lb/ft	609 449	1000 738	2130 1571	2890 2132
Weight ²⁾	kg lb	714 1573	980 2161	1420 3131	1745 3847
Oil volume approx.	l US gal	10 2.6	14 3.7	34 9.0	43 11.4
Coolant volume approx.	l US gal	45 11.9	55 14.5	75 19.8	90 23.8

1) Power data without deduction of fan power.

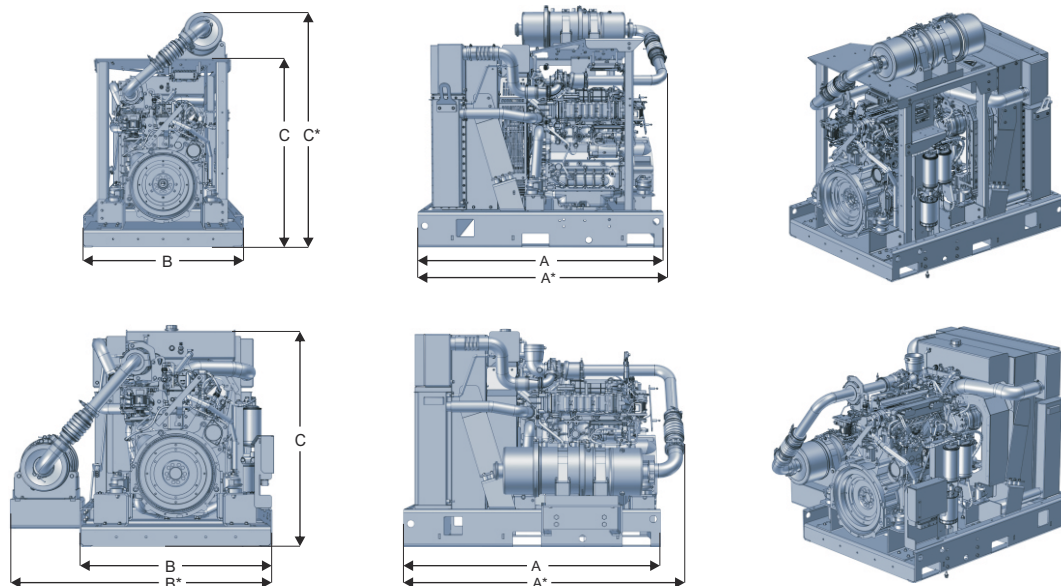
2) Dry weight of the standard delivery package

The data on this data sheet are for information purposes only and are not binding values. The data in the quotation is definitive.

The engine company.



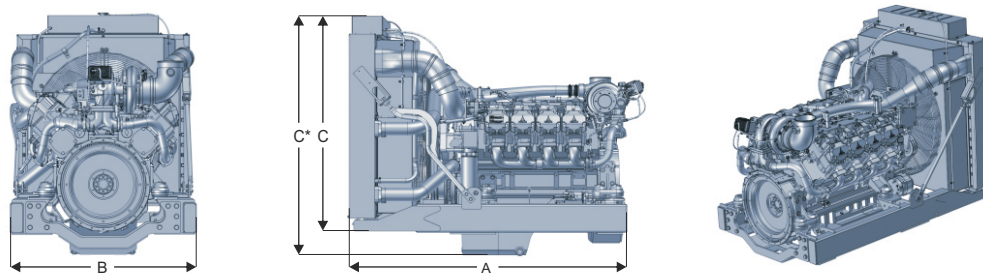
Dimensions of the TCD 4.1/6.1 PowerPack



	DPF		A	A*	B	B*	C	C*
TCD 4.1 L4 PowerPack	on top	mm in	1369 53.9	1493 58.8	994 39.1	-	1173 46.2	1506 59.3
TCD 4.1 L4 PowerPack	on the side	mm in	1369 53.9	1493 58.8	994 39.1	1359 53.5	1170 46.1	-
TCD 6.1 L6 PowerPack	on top	mm in	1598 62.9	1701 67.0	994 39.1	-	1173 46.2	1552 61.1
TCD 6.1 L6 PowerPack	on the side	mm in	1598 62.9	1701 67.0	994 39.1	1359 53.5	1169 46.0	-

A*, B* and C* are the dimensions incl. DPF or piping

Dimensions of the TCD 12.0/16.0 PowerPack



		A	B	C	C*
TCD 12.0 V6 PowerPack	mm in	1490 58.7	1130 44.5	1250 49.2	1440 56.7
TCD 16.0 V8 PowerPack	mm in	1770 69.7	1230 48.4	1405 55.3	1595 62.8

C* is the height including the oil pan

Note: The engine dimensions and weights vary depending on the scope of delivery.

Bestell-Nr. 0031 2448 / 03 / 2013 / VC-CM

For more information please contact the DEUTZ AG Köln or the responsible sales partner.



DEUTZ AG • Ottostraße 1 • 51149 Köln • Deutschland • Telefon +49 (0) 221 822-0 • Telefax +49 (0) 221 822-3525 • www.deutz.com • E-Mail: info@deutz.com