

CANTER 7C18D DUONIC® 2.0 LHD

MODEL / VEHICLE TYPE

	7C18D	
Cab type / crew	Comfort, crew cab / 7	
Model variant	46916714	46916914
FUSO model code	FEB71GL3WEUY	FEC71KL3WEUY

DIMENSIONS (MM)

Wheelbase		3850	4750
Overall length		6690	7740
Cab length			2625
Width overall		2025	2135
Cab width			1995
Height overall			2250
Track width	Front / rear	1665 / 1560	1665 / 1670
Frame height (at end of frame)			845
Ground clearance			185
Cab to rear axle		2325	3225
Cab to end of frame		4020	5070
Maximum body length**		4725	6210
Frame width		750	850
Front overhang			1145
Rear overhang		1695	1845
Front axle to front of body			1625
Recommended distance cab to body			100

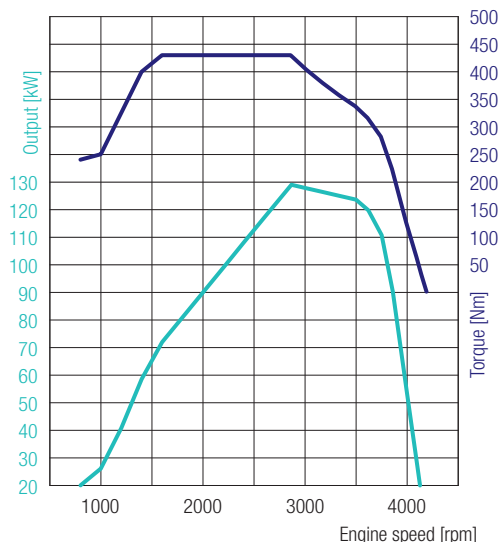
WEIGHTS (KG)

Empty weight*		2805	2870
	Front* / rear*	1750 / 1055	1795 / 1075
Minimum vehicle weight		2805	2870
Gross vehicle weight / gross combination weight			7490 / 10990
Axle loads*	Front / rear	3100 / 5740	3100 / 5640
	Towed weight	Braked / unbraked	3500 / 750
Chassis load bearing capacity*		4685	4620

CALCULATED OUTPUT

Maximum speed	km/h		130
Minimum turning circle (m)	Kerb to kerb	13.8	16.6
	Wall to wall	15.2	18.0

* The weight refers to the base vehicle (European series, including coolant, oil, 90% fuel, tyre sealant, tools and driver with 75 kg) without optional equipment. If any optional equipment is added, the weight changes accordingly. ** Calculated maximum value which should be checked depending on the body and application. Subject to change without notice. All data is approximate. The illustrations may contain accessories and items of optional equipment which are not part of the standard specification. The data sheet may contain product types and support services not available in certain countries.



4P10 – 129 kW (175 PS)
 430 Nm@1600 rpm
 129 kW@2865 rpm

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ENGINE (EURO VI)

Type	Water-cooled four-stroke diesel engine with turbocharger, intercooler and direct injection			
No. of cylinders	4/in-line			
Capacity	2998 cm ³			
Peak output	129 kW (175 hp) / 2865 rpm			
Rated torque	430 Nm / 1600 rpm			
Diesel particulate filter	Service life approx. 300,000 km			
Alternator	Alternating current 12 V, 140 A			
Exhaust gas aftertreatment	SCR + DPF			
PTO (optional)	Type	31 kW with flange	62 kW with flange	31 kW for directly connected pumps
	Torque at peak output	196 Nm	392 Nm	196 Nm
	Gear ratios	1:0.655	1:0.727	1:0.651
	Engine speed at peak output	1500 rpm		

POWERTRAIN

Transmission	Model	DUONIC® 2.0: Automated transmission with dual clutch, 6 forward speeds and 1 reverse gear		
	Gear ratio	5.397 - 3.788 - 2.310 - 1.474 - 1.000 - 0.701 - reverse 5.397		
Rear axle gear ratio	Ratio	4.875		

CHASSIS

Front axle / rear axle	Model	F350T / R035T		
	Load-bearing capacity front/rear	3100 kg / 5740 kg (3850 mm)		3100 kg / 5640 kg (4750 mm)
Tyres		205/75R17.5C 124/122 M		
		Twin tyres at rear, tyres with optimised rolling resistance		
Wheel		17.5 x 6.00 - 127 - 9t - 6 wheel bolts		
Steering		LHD		
		Recirculating-ball steering with power assist, tilting telescopic steering column with steering-wheel lock		
Brake	Service brake	Hydraulic with vacuum power assist, dual-circuit with load-dependent brake proportioning valve at rear wheels		
	Front / rear	Disc brake (252 x 40)		
	Parking brake	Mechanical expanding brake on drive shaft at rear of transmission		
	Auxiliary brake	Exhaust brake (50 kW)		
Suspension	Front / rear	Semi-elliptic leaf spring with shock absorber and stabiliser		
Frame	Type	Ladder-type frame with reinforcements and crossmembers		
Fuel tank capacity		100 litres		
Electrical system – batteries		12 V (100 AH - 760 A(EN))		