

Canter Specifications



Model	Vehicle type	7C15					7C15D	
	Cab type	Wide, Single					Wide, Double	
	Model code	FE85BC6SLEA1	FE85BE6SLEA1	FE85BG6SLEA1	FE85BH6SLEA1	FE85BJZSLEA1	FE85BG6WLEA1	FE85BH6WLEA1
Crew	3					7		
DIMENSIONS mm								
Wheelbase (WHB)		2750	3350	3850	4200	4470	3850	4200
Overall length (OL)		5160	5970	6690	7600	7560	6690	7040
Cabin length (CL)		1613					2613	
Overall width		2030			2130		2030	
Cabin width (CW)		1995						
Overall height, approx. (OH)		2200					2225	
Tread	Front	1665						
	Rear	1560			1660		1560	
Frame height (back of chassis) approx. *		838	838	838	836	875	838	837
Ground clearance, approx.		195						
Cab to rear axle		2225	2825	3325	3675	3945	2365	2715
Cab to frame end (CTFE)		3545	4365	5085	5995	5955	4125	4475
Max. body length (BL)		3775	4735	5535	6095	6527	4530	5095
Frame width		753			840		753	
Front overhang (FO)		1140						
Rear overhang (to frame end) (RO)		1320	1540	1760	2320	2010	1760	1760
Front axle to beginning of body		625					1625	
Recommended cab to body gap		100						
WEIGHTS kg								
Curb weight (kg) *		2580	2615	2645	2695	2770	2885	2955
Max. GVW		7500						
	Front	3100						
	Rear	5200						
Max. GCW		11000						
CALCULATED PERFORMANCE								
Max. speed	km/h	112						
Max. gradeability	(tan q)%	40.0						
Min. turning radius (m)	Curb to curb	10.4	12.2	13.8	15	15.8	13.8	15
	wall to wall	11.4	13.4	15	16	17	15	16
ENGINE								
Model		4M42-3AT4 (EURO4)						
Type		4 stroke, water cooled direct injection, turbo-charged diesel engine with intercooler						
No. of cylinders		4 in line						
Piston displacement		2977 cc						
Max. output (EEC)		107kW/3200min-1						
Max. torque (EEC)		362Nm/1700min-1						
Air cleaner		Dry type with paper element with snorkel						
Alternator		A.C. 12 Volt, 75Amp.						
DRIVE LINE								
Clutch	Model	C4W30D						
	Type	Hydraulic control, single dry plate						
	Facing material	Woven (Asbestos free)						
	Facing outside di	300 mm						
Transmission	Model	M036S6						
	Type	6 forward and 1 reverse speed, synchromesh on all gears						
	Gear ratio	5.400 - 3.657 - 2.368 - 1.465 - 1.000 - 0.711, Rev. 5.400						
Propeller shaft	Model	P3						
	Type	Tubular, forged steel ends						
Final reduction gear	Model	D035H						
	Type	Single reduction, hypoid gear						
	Ratio	5.714 (opt. Not available)						
CHASSIS								
Front axle	Model	F350T						
	Type	Reverse Elliot "I" beam						
	Rating	3100kg						
Rear axle	Model	R035T						
	Type	Full floating type						
	Rating	5200kg						
Tyre		205/75R17.5 124/122						
		Single front, dual rear						
Wheel		17.5x6K-127-9t, 6 stud, 1 piece (Single nut type)						
Steering		Right hand steering						
		Ball-nut type integral type hydraulic power booster, super wide-span tilt and telescopic column with steering lock						
Brake	Service	Hydraulic with vacuum servo assistance, dual circuit, with ABS and load sensing proportioning valve (LSPV) at rear wheels						
	Front	252 mm x 40 mm (Auto-adjuster disc)						
	Rear	252 mm x 40 mm (Auto-adjuster disc)						
	Parking	Internal expanding type on propeller shaft at rear of T/M						
	Auxiliary	Exhaust brake						
Suspension	Type	Semi-elliptic, laminated leaf springs with stabilizer on front and rear axles						
	Front	1500 mm x 70 mm x 18 mm - 2						
		(span x width x thickness - quantity)						
	Rear/main	1250 mm x 70 mm x 11 mm - 5,	10 mm - 1	1300x70x11-2, 14-2	1250x70x11-5, 10-1			
	Rear/helper	990 mm x 70 mm x 12 mm - 4		1050x70x10-1, 12-1	990 x 70 x 12 - 4			
				13-1, 11-2				
Shock absorbers		Hydraulic double acting telescopic type on front and rear axles						
Frame	Type	Parallel tapered channel section with reinforcements and crossmembers						
	Max. section	193 mm x 60 mm x 6.0 mm (depth x upper flange x thickness)			226x70x6		193 x 60 x 6.0	

Fuel tank capacity	100 lts	
Electrical system - batteries	12 Volt, regulated control - 12 Volt, 92 Ah at 5 hr rate (130E41Rx1)	
	12 Volt, 115 Ah at 20 hr rate	
CAB		
Construction	Tilt type with torsion bar	Fixed type
	All steel welded construction	

* According to 70/156/EEC, including coolant, oil, 90% fuel, spare wheel, tools and 75kg driver