

Mass/Dimensions

Modell	Vehicle type	7C15						7C15D
		Wide, Single						Wide, Double
Baumuster		46840312	46840512	46840712	46840812	46840915	46840714	
Model code		FEB71CL4SEA7	FEB71EL4SEA7	FEB71GL4SEA7	FEC71HL4SEA7	FEC71KL4SEA7	FEB71GL4WEA7	
Crew		3						7
DIMENSIONS mm								
Wheelbase		2800	3400	3850	4300	4750	3850	
Overall length		5135	5935	6685	7185	7735	6685	
Cabin length		1625						2625
Overall width		2030	2030	2030	2140	2140	2030	
Cabin width		1995						
Overall height, approx.		2190	2190	2190	2205	2205	2220	
Tread	Front	1665						
	Rear	1560			1670		1670	1560
Frame height (back of chassis) approx.		640	630	635	615	615	635	
Ground clearance, approx.		185	185	185	185	185	185	
Cab to rear axle		2275	2875	3325	3775	4225	2325	
Cab to frame end		3470	4270	5020	5520	6070	4020	
Max. body length**		3895	4855	5575	6295	7015	4575	
Frame width		750			850	850	750	
Front overhang		1140						
Rear overhang (to frame end)		1195	1395	1695	1745	1845	1695	
Front axle to beginning of body		625						1625
Recommended cab to body gap		100						
UNLADEN WEIGHTS kg								
Total curb weight (kg) *		2455	2490	2510	2555	2575	2725	
	Front* / Rear*	1650 805	1630 860	1630 880	1640 915	1645 930	1775 950	
Minimum vehicle weight (kg)		2650		2650		2800		
Max. GVW		7500						
	Front / Rear	3100 / 6000						
Max. GCW		11000						
Chassis Payload		5045	5010	4990	4945	4925	4775	
CALCULATED PERFORMANCE								
Max. speed w/o speed limiter	km/h	131						
Max. gradeability	(tan α)%	30						
Min. turning radius (m)	Curb to curb	10,4	12,2	13,8	15,2	16,6	13,8	
	wall to wall	11,8	13,8	15,2	16,6	18,0	15,2	

* including coolant, oils, 90% fuel, spare tire, tools and 75 kg driver; ** calculated maximum value. Should be checked based on installed body and application

Technical specifications

ENGINE (Euro 5/EEV)		
Model	4P10-T4	
Type	4 stroke, turbo-charged water cooled direct injection diesel engine with intercooler	
No. of cylinders	4 in line	
Piston displacement	2,998 cm ³	
Max. output (EEC)	110kW (150PS) / 3,500rpm	
Max. torque (EEC)	370Nm / 1,320rpm	
Air cleaner	Dry paper element with snorkel	
Alternator	A.C. 12 Volt, 110 Amp (Opt. A.C. 12 Volt, 140 Amp)	
Exhaust gas recirculation (EGR)	Cooled (tube type)	
Aftertreatment	Ceramic Diesel Particulate Filter (DPF)	
DRIVE LINE		
Transmission	Model	M038S5 (Manual transmission)
	Type	5 forward and 1 reverse speed
	Gear ratio	5.494 - 3.193 - 1.689 - 1.000 - 0.723 Rev. 5.494
Final reduction gear	Ratio	5,285
		(Opt. 5.714)
CHASSIS		
Front axle	Model	F350T
	Rating	3100kg
Rear axle	Model	R035T
	Rating	6000kg
Tyre		205/75R17.5 124/122 M
		Single front, dual rear
Wheel		17.5 x 6.00 - 127 - 9t - 6 stud
Steering		Left/Right hand drive
		Power steering with recirculating ball and nut, tilt and telescopic column with steering lock
Brake	Service	Hydraulic vacuum assisted 2 circuit split system
	Front	Disc(252)
	Rear	Disc(252x40)
	Parking	Mechanical, internal expanding type mounted on the rear end of the transmission case
	Auxiliary	Exhaust brake
Suspension		
Type	Front	Semi-elliptic laminated leaf spring with shock absorbers and stabilizer
	Rear	Semi-elliptic laminated leaf spring with shock absorbers and stabilizer
Frame	Type	C-Profile ladder frame
Fuel tank capacity		100l
Electrical system – batteries		12V-100AH (760A EN)
CAB		
Construction		Tilt type with torsion bar
		Fixed
		All steel monocoque cab