

Mass/Dimensions

Modell	Vehicle type	7C18				7C18D
		Wide, Single				Wide, Double
Baumuster		46842512	46842712	46842812	46842915	46842714
Model code		FEB71EL4SEA8	FEB71GL4SEA8	FEC71HL4SEA8	FEC71KL4SEA8	FEB71GL4WEA8
Crew		3				7
DIMENSIONS mm						
Wheelbase		3400	3850	4300	4750	3850
Overall length		5935	6685	7185	7735	6685
Cabin length		1625				2625
Overall width		2130	2130	2140	2140	2130
Cabin width		1995				
Overall height, approx.		2190		2205	2205	2220
Tread	Front	1665				
	Rear	1560		1670	1670	1560
Frame height (back of chassis) approx.		630	635	615	615	635
Ground clearance, approx.		185				
Cab to rear axle		2875	3325	3775	4225	3325
Cab to frame end		4270	5020	5520	6070	4020
Max. body length**		4855	5575	6295	7015	4575
Frame width		750		850	850	750
Front overhang		1140				
Rear overhang (to frame end)		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) *		2535	2550	2595	2615	2765
	Front* / Rear*	1655 880	1650 900	1660 935	1665 950	1800 965
Minimum vehicle weight (kg)		2650		2650		2800
Max. GVW		7500				
	Front / Rear	3100 / 6000				
Max. GCW		11000				
Chassis Payload		4965	4950	4905	4885	4735
CALCULATED PERFORMANCE						
Max. speed w/o speed limiter	km/h	135				
Max. gradeability	(tan α)%	33				
Min. turning radius (m)	Curb to curb	12,2	13,8	15,2	16,6	13,8
	wall to wall	13,8	15,2	16,6	18,0	15,2

* including coolant, oils, 90% fuel, tire fit, 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-T6	
Type	4stroke, 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)	129kW (175PS) / 3,500rpm	
Max. torque (EEC)	430Nm / 1600rpm	
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	DPF+Bluetec® 5 (SCR)	
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 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	Semi-elliptic laminated leaf spring with shock absorbers and stabilizer
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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