



Plated/Design Weights (Kg)	GVW	GTW	Front Axle	Rear Axle
Plated weights	7500	11000	3400	5800
Design weights	7500	11000*	3600	5800

Kerbweights (Kg)

Weights are for **S** models to standard specification and include water, oils, 5 litres of AdBlue and 20 litres of fuel but exclude driver.

Kerb weights are subject to a manufacturing tolerance of +/-5%.

For **/P** models add 35kg to the rear axle kerb weight. For **/FP** models add 65kg to the front axle kerb weight, and 35kg to the rear axle kerb weight.

A sleeper cab standard roof adds 100kgs (70/30kgs) to the kerb weight. A high roof sleeper cab adds 160kgs (120/40kgs) to the kerb weight.

Wheelbase	3105	3330	3690	4185	4455	4815
Front	2355	2360	2360	2370	2365	2365
Rear	805	825	850	885	900	945
Total	3160	3185	3210	3255	3265	3310
MAXIMUM BODY/ PAYLOAD (kg) @ GVW	4340	4315	4290	4245	4235	4190

* A GTW of 18000kgs is permissible provided a 6-speed or 9-speed gearbox and a drawbar pack are specified.

For front axle capacity upgrade – see Order Guide.

Dimensions (mm)

A	Wheelbase	3105	3330	3690	4185	4455	4815	
B	Overall length (over bumpers)	5690	6432	6792	7602	8007	8592	
C	Cab width (over wings)	2200	2200	2200	2200	2200	2200	
D¹	Cab height (unladen) *	std roof	2563	2563	2563	2563	2563	
D²			high roof	-	-	3218	3218	3218
M	Front overhang	1272	1272	1272	1272	1272	1272	
N	Rear overhang	1313	1830	1830	2145	2280	2505	
R	Wheel bump clearance	145	145	145	145	145	145	
S¹	Frame height at centre line of axle	S	857	856	854	852	849	
			/P	773	773	773	773	772
			/FP	-	-	-	772	772
S²	Frame height at end of frame	S	906	919	912	911	909	
			/P	788	792	793	793	790
			/FP	-	-	-	788	788
P¹	C/line f/axle to back of cab equip	day	475	475	475	475	475	
P²			sleeper	-	-	1055	1055	1055
E¹	Useable frame length	day	3943	4685	5045	5855	6260	
E²			sleeper	-	-	4465	5275	5680
	Turning circle (wall to wall)		12400	13000	14100	15600	16500	

* Reduce by 3mm for air suspension models

Tyres & Wheels	Tyre Size		Tread		Wheels (6 stud)	
	Front	Rear	Front	Rear	Front	Rear
Standard	215/75R17.5	215/75R17.5	On Road	Traction	6.00 x 17.5	6.00 x 17.5
Optional	225/75R17.5	225/75R17.5	On Road	Traction	6.00 x 17.5	6.00 x 17.5
Optional	9.5R17.5	9.5R17.5	On/Off Road	On/Off Road	6.00 x 17.5	6.00 x 17.5

Engine	Iveco Tector
Cylinders	4
Bore (mm)	102
Stroke (mm)	120
Capacity (litres)	3.92
Power (PS/kW)	177/130
@ rpm	2700
Torque (Nm/lbft)	570/420
@ rpm	1250 - 2100
Rating	Euro 5 (OBD2)
Governor	All speed
Cooling Fan	Viscostatic
Fuel System	Bosch common rail
Exhaust	SCR catalyst system
Speed Limiter	Driver programmable to 90kph
Engine Immobiliser	Standard
Cruise control	Standard

Gearboxes	ZF	ZF	ZF	Allison
Type	6AS700	6S700	9S-75TD	S1000
	Automated	Manual	Manual	Automatic
1 st	6.02	6.02	13.16	3.10
2 nd	3.32	3.32	8.91	1.81
3 rd	2.07	2.07	6.50	1.41
4 th	1.40	1.40	4.67	1.00
5 th	1.00	1.00	3.50	0.71
6 th	0.79	0.79	2.55	
7 th			1.86	
8 th			1.33	
9 th			1.00	
Rev	5.58	5.58	11.74	4.49

Performance (std tyres)					
with ZF 6AS700 & 6S700 gearbox					
Axle ratios available	4.10	3.73	4.56	4.88	
Gear speed (mph)	73	80	65	61	
Gradeability % @ GVW	40+	40+	40+	40+	
Gradeability % @ 11000kg GTW	33	30	37	40+	
Gradeability % @ 18000kg GTW	20	18	22	24	
with ZF 9S-75TD gearbox					
Axle ratios available	3.21	3.07	3.38	3.73	4.10
Gear speed (mph)	73	77	70	63	57
Gradeability % @ GVW	40+	40+	40+	40+	40+
Gradeability % @ 11000kg GTW	40+	40+	40+	40+	40+
Gradeability % @ 18000kg GTW	35	33	37	40+	40+
with Allison S1000 gearbox					
Axle ratios available	4.10	3.73	4.56	4.88	
Gear speed (mph)	81	89	73	68	
Gradeability % @ GVW	40+	40	40+	40+	
Gradeability % @ 11000kg GTW	29	26	33	36	

Clutch	
Type	Single plate, diaphragm spring, push type with midi servo Asbestos free 362 mm

Cab Equipment

Interior

Day Cab: Forward control MLC day cab. 3-way adjustable driver's seat with integral head restraint and seatbelt. Dual fixed passenger seat with 50/50 split back rest with seatbelts. Overhead lockers with doors. Windowless rear cab wall with document storage. Large storage shelf on passenger side. 4-speed fan air flow up to 500m³/hr. 10kw output. All gauges monitored using international symbols. Automatic electronic 2-man digital 24hr tachograph. Speedometer with dual scale instrumentation. Left and right hand entry assist handles. Fully adjustable steering column. Dash mounted gear selection switches for automated gearbox. Column mounted control stalks. Overhead console for radio/CB. Courtesy and map reading lights. Engine immobiliser. Handbrake warning buzzer. Drivers seatbelt warning buzzer.

Sleeper Cab: Forward control MLL sleeper cab. Driver's seat as Day Cab. Single two way adjustable passenger seat with integral head restraint and seatbelt.. Opening roof vent.. Single low level bunk, protection net and curtains to enclose entire cab area. Bed module incorporating an alarm and controlling major electrical functions (lighting, windows etc)

High Roof Sleeper Cab Option: As sleeper cab plus increased interior height, extra storage space in enclosed and open lockers and rear shelf. Electric roof hatch.

Brakes

Type	Vertically split air/hydraulic
Front	330mm ventilated disc
Rear	330mm ventilated disc
ABS system	Standard Bosch Cat I
Parking	Spring parking brake
Exhaust brake	Standard (multi function)
Compressor	225cc
Air drier	Standard

Chassis

Type	Ladder construction with pressed steel side members and riveted and bolted cross members.		
Wheelbases	3105 - 3690mm	Depth	203mm
	4185 - 4815mm	Width	65mm
		Thickness	4mm
Front underrun			5mm
Rear underrun		Optional	Optional

Fuel Tank

Type	115 litres, plastic
	Locking fuel cap

Adblue Tank

Type	25 litres, plastic
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Electrics

Type	24v negative earth return
Alternator	28v, 70A*
Starter	24v, 4.0kW
Battery	2 x 12v, 110Ah
	All circuits protected by fuses
	CAN line data bus system

Suspension

Front (S & /P models)	Parabolic leaf
Front (/FP models)	Pneumatic (ECAS)
	Raise/Lower +60/-60
Rear (S models)	Parabolic leaf
Rear (/P & /FP models)	Pneumatic (ECAS)
	Raise/Lower +115/-75
Anti-roll bar	Front and rear
Shock Absorbers	Front and rear

Steering

Type	Power assisted
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Axles

Front	Iveco 5833 I-beam
Rear	Iveco 450721 Hypoid
Diff Lock	Optional
Standard ratios	ZF 6S700 & 6AS700 - 4.10
	ZF 9S-75TD - 3.21
	Allison S1000 - 4.10

Exterior

Day Cab: Suspension – rubber blocks and dampers. Hydraulic tilt to 60 deg. Pressed steel construction with injection moulded vulnerable parts. Electric door windows and laminated screen. Heated rear view mirrors to EEC 2003/97 and 2005/27, including 2 wide angle, 1 kerb view and 1 front view mirror.

Sleeper Cab:

Exterior as day cab, plus twin 130 litre stowage lockers with both internal and external access and electrically operated release switches incorporated into the seat bases.