

dimensions (mm)

A Wheelbase	3560	4160	4760	5360	5960	6260
C Rear overhang (day cab)	1885	2285	2685	3085	-	3685
Rear overhang (sleeper cab)	1535	1885	2285	2685	2685	-
D Overall length (day cab)	7065	8065	9065	10065	-	11565
Overall length (sleeper cab)	6715	7665	8665	9665	10265	-
E Frame height at rear axle (steel susp. unladen)	970	970	970	970	970	970
Frame height at rear axle (air susp. unladen)	921	921	921	921	-	-
G Back of cab to end of frame (day cab)	5235	6235	7235	8235	-	9735
Back of cab to end of frame (sleeper cab)	4285	5235	6235	7235	7835	-
H Bumper to back of cab (day cab)	1650	1650	1650	1650	-	1650
Bumper to back of cab (sleeper cab)	2250	2250	2250	2250	2250	-
I Cab rear to front axle (day cab)	210	210	210	210	-	210
Cab rear to front axle (sleeper cab)	810	810	810	810	810	-
Ground clearance front	216	216	216	216	216	216
Ground clearance rear*	183	183	183	183	183	183
Frame width	851	852	854	854	854	854
Turning circle (wall to wall) m	14.0	15.8	17.6	19.4	21.2	22.1

*Ground clearance rear is 158mm for 1222, 1224 and 1229
Minimum cab gap: Day Cab = 100mm, Sleeper Cab = 80mm

weights (kg)

	1218					
Wheelbase	3560	4160	4760	5360	5960	6260
Kerb Weights (Steel Suspension)*						
Front axle	2785	2787	2789	2810	2962	2802
Rear axle	1317	1375	1433	1552	1560	1660
Total	4102	4162	4222	4362	4522	4462
Body/Payload	7888	7828	7768	7628	7468	7528
Plated Weights						
GVW	11990	11990	11990	11990	11990	11990
GTW (overrun brakes)	15490	15490	15490	15490	15490	15490
GTW (full airbrakes)**	21000	21000	21000	21000	-	-
Front axle	4900	4900	4900	4900	4900	4900
Rear axle	8100	8100	8100	8100	8100	8100

* 1222 adds 130kg to total kerb weight, 1224 adds 250kg, 1229 adds 320kg
**GTW 28000kg for 1224 and 1229

Weights and dimensions are to standard specification with 20 litres of fuel, 5 litres of AdBlue, oil, water, tools, front and rear underride guards, chassis side guards, rear wings and spray suppression. Kerb weights are subject to a manufacturing tolerance of $\pm 2\%$.

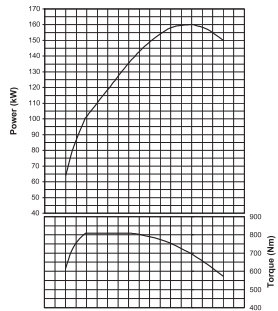
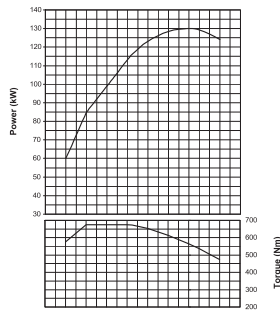
The right is reserved to alter specification or equipment without notice.



engine

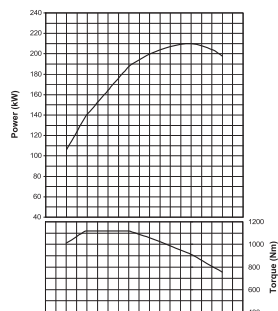
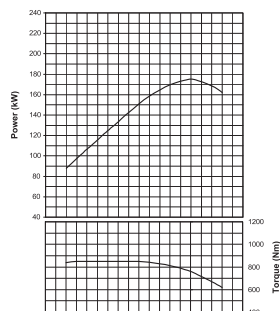
	1218	1222
Type	Mercedes-Benz OM904LA 4.25 litre turbo-intercooled 4 cylinder direct injection diesel	Mercedes-Benz OM924LA 4.8 litre turbo-intercooled 4 cylinder direct injection diesel
Max. power @ 2200 rpm	130kW 177PS	160kW 218PS
Max. torque	675Nm @ 1200 - 1600 rpm 498lbft @ 1200 - 1600 rpm	810Nm @ 1400 - 1600 rpm 597lbft @ 1400 - 1600 rpm
Bore	102mm	106mm
Stroke	130mm	136mm
Capacity	4.25 litres	4.8 litres
Control	Electronic engine management	
Fuel Injection	Direct injection via unit injectors	
Cooling	Water cooled with viscous fan	
Exhaust	Stainless steel with SCR catalytic converter on RHS	
Immobiliser	Standard	
Engine brake	Constant throttle with butterfly	

Performance Curves



	1224	1229
Type	Mercedes-Benz OM906LA 6.37 litre turbo-intercooled 6 cylinder direct injection diesel	
Max. power @ 2200 rpm	175kW 238PS	210kW 286PS
Max. torque @ 1200 - 1600 rpm	850Nm 627lbft	1120Nm 826lbft
Bore	102mm	
Stroke	130mm	
Capacity	6.37 litres	
Control	Electronic engine management	
Fuel Injection	Direct injection via unit injectors	
Cooling	Water cooled with viscous fan	
Exhaust	Stainless steel with SCR catalytic converter on RHS	
Immobiliser	Standard	
Engine brake	Constant throttle with butterfly	

Performance Curves



**ATEGO**

transmission

Gearbox & Ratios

Model	1218	1222/1224	1229
Type	MB G60-6 6-speed synchromesh	MB G85-6 6-speed synchromesh	MB G131-9 9-speed synchromesh
1st	9.20	6.70	9.48
2nd	5.23	3.81	6.64
3rd	3.15	2.29	4.82
4th	2.03	1.48	3.67
5th	1.37	1.00	2.59
6th	1.00	0.73	1.81
7th	-	-	1.32
8th	-	-	1.00
Crawler	-	-	14.57
Reverse	8.65	6.29	13.86

Axles

Front - type	Mercedes-Benz drop centre 'I' beam
- capacity	4900kg
Rear - type	Mercedes-Benz hypoid
- capacity	8100kg

chassis

Brakes

Front/Rear	Disc brakes (377mm dia)
Service	Dual circuit air system Self adjusting Air dryer
Secondary/Parking	Progressive rear spring brake actuators
Load sensing	Rear axle
ABS	Standard

Suspension

Front axle:	Parabolic leaf springs Double acting shock absorbers Stabiliser
Rear axle:	Parabolic dual rate leaf springs Double acting shock absorbers Stabiliser
Rear axle: (Optional)	2 bag air suspension Single leaf guide spring Control valve + 180mm, - 85mm Double acting shock absorbers Stabiliser Electronic level adjustment

Steering

Type	Recirculating ball Integral power assistance Variable ratio Steering column lock Adjustable column
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Tanks

	Capacity (litres)	Position
Fuel Tank	180 plastic	RHS
AdBlue Tank	25 Lockable caps	RHS

Clutch

Type	Hydraulically operated single dry plate	
Diameter	362mm (1218)	395mm (1222/1224/1229)

Rear Axle Ratios & Performance

Model	1218	1222	1224	1229
Standard Axle Ratio	3.583:1	4.300:1	4.300:1	3.308:1
Governed Speed (mph)	56	56	56	56
Engine revs at governed speed	2037	1783	1783	1881
Gradeability 1st gear rolling	39%	40%	40%	+50%

Other axle ratios may be available on request

Wheels & Tyres

Wheels	6.75 x 19.5
Tyres	265/70R 19.5
Spare Wheel and Carrier	Optional
Wheel Nut Covers	Standard

Electrical Systems (featuring CAN bus technology)

Voltage	24 volt, negative earth
Battery	2 x 12 volt, 115Ah
Alternator	28 volt/80 amp

Protection & Finish

Paint	Gloss paint finish Nova grey chassis Silver wheels
Underbody	Seam and cavity sealing Underbody sealing Part galvanised panels Plastic wings Plastic trim panels
Entry steps	Non-slip metal

General

2 piece ladder frame, high tensile steel
Channel section sidemembers
Z section cab mounting frame
Rear wings
Front and rear spray suppression
Front, side and rear underride guards

cab

Standard cab	Day (S)	Driver seat	Air suspension
Mounting	4 point	Passenger seat	Non-suspended
Tilting	Hydraulic	Centre seat	Standard
Dashboard	Distribution	Parking brake control	On console beside driver seat
Windows in rear wall	Optional	Ventilation air filter	Pollen filter
Nets on rear wall	Standard		
Switch and wiring for body interior light	Standard		

(see separate Atego Cab Sheet CV 528 for full details)

options

Chassis

Vertical exhaust tailpipe behind cab
Rear axle air suspension (not 5960 or 6260mm wheelbase)
Front axle air suspension (only with rear air)
Heavy duty rear stabiliser
Drawbar package (not 5960 or 6260mm wheelbase)
180 +100 litre fuel tanks (not 5960 or 6260mm wheelbase)
Spare wheel, tyre and carrier
Chassis side guards behind rear axle (not 5960 wheelbase)
50 litre lockable storage box on chassis (not 5960 or 6260mm wheelbase)
Rear closing cross member
Deletion of rear frame extension
Deletion of rear underride guard
Deletion of rear wings and spray suppression

Driveline

Higher capacity air compressor
G 131-9 speed gearbox with 3.333 rear axle ratio (1224 only)
Telligent AutoTrans (only with 6-speed gearbox)
Differential lock
ASR
Various PTOs

Brakes

Heated brake air dryer
Aluminium air reservoirs
Telligent braking system with ABS (and ASR)

Cab

Day cab with extended rear wall (SE) (not 5960 wheelbase)
Windows in cab rear wall
Night heater in day cab
Radio / Cassette
Air conditioning
Driver's airbag (only with air suspension driver seat)
Central locking
Air suspension seats
Deletion of centre seat
Vinyl covered seats (not with centre seat)
Heated windscreen
Tinted glass
Long Distance dashboard with parking brake on dashboard (not with centre seat)
Comfort dashboard (not with centre seat and only with Telligent AutoTrans or 9-speed gearbox)
Wood trim on instrument panel
Additional sockets in cab
External sun visor - transparent
Sleeper cab with single bed (L)
High roof sleeper cab with one or two beds (LR)
Rear side windows in sleeper cab
Four man bench seat in lieu of bed in sleeper cab, including seat belts, side windows and tip up single passenger seat
Electric glass sunroof (only with high roof sleeper cab)
Roof air deflector
Air horns on cab roof

Engine

165Ah batteries
100 amp alternator

Electrics

Headlamp washers
Halogen fog lights - front
Audible reverse warning