

dimensions (mm)

A Wheelbase	3620	4220	4820	5420
C Rear overhang (day cab)	1885	2285	2685	3085
Rear overhang (sleeper cab)	1485	1885	2285	2685
D Overall length (day cab)	7065	8065	9065	10065
Overall length (sleeper cab)	6665	7665	8665	9665
E Frame height at rear axle (steel susp. unladen)	934	934	934	934
Frame height at rear axle (air susp. unladen)	847	847	847	847
G Back of cab to end of frame (day cab)	5235	6235	7235	8235
Back of cab to end of frame (sleeper cab)	4235	5235	6235	7235
H Bumper to back of cab (day cab)	1650	1650	1650	1650
Bumper to back of cab (sleeper cab)	2250	2250	2250	2250
I Cab rear to front axle (day cab)	270	270	270	270
Cab rear to front axle (sleeper cab)	870	870	870	870
Ground clearance front	190	190	190	190
Ground clearance rear	162	162	162	162
Frame width (at rear)	852	852	854	854
Turning circle (wall to wall) m	14.1	16.0	17.8	19.8

Minimum cab gap: Day Cab = 100mm, Sleeper Cab = 80mm

weights (kg)

	1218nR			
Wheelbase	3620	4220	4820	5420
Kerb Weights (Steel Suspension)*				
Front axle	2665	2667	2669	2691
Rear axle	1107	1145	1233	1261
Total	3772	3812	3902	3952
Plated Weights				
GVW	11990	11990	11990	11990
GTW (overrun brakes)	15490	15490	15490	15490
Front axle	4400	4400	4400	4400
Rear axle	8100	8100	8100	8100

* 1222nR adds 50kg to total kerb weight, 1224nR adds 170kg

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 $\pm 2\%$.

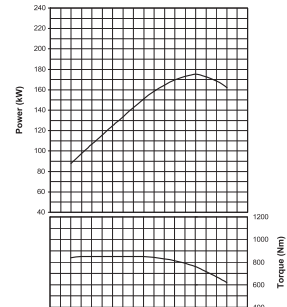
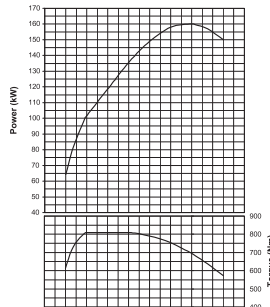
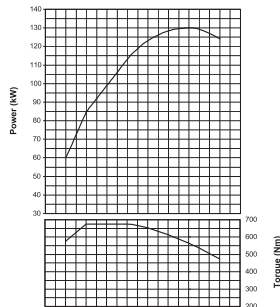
The right is reserved to alter specification or equipment without notice.



**Atego****1218nR
1222nR
1224nR**

engine

	1218nR	1222nR	1224nR
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	Mercedes-Benz OM906LA 6.37 litre turbo-intercooled 6 cylinder direct injection diesel
Max. power @ 2200 rpm	130kW 177PS	160kW 218PS	175kW 238PS
Max. torque	675Nm @ 1200 - 1600 rpm 498lbft @ 1200 - 1600 rpm	810Nm @ 1400 - 1600 rpm 597lbft @ 1400 - 1600 rpm	850Nm @ 1200 - 1600 rpm 627lbft @ 1200 - 1600 rpm
Bore	102mm	106mm	102mm
Stroke	130mm	136mm	130mm
Capacity	4.25 litres	4.8 litres	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

transmission

Gearbox & Ratios

Model	1218nR	1222nR/1224nR
Type	MB G60-6 6-speed synchromesh	MB G85-6 6-speed synchromesh
1st	9.20	6.70
2nd	5.23	3.81
3rd	3.15	2.29
4th	2.03	1.48
5th	1.37	1.00
6th	1.00	0.73
Reverse	8.65	6.29

Axles

Front - type	Mercedes-Benz drop centre 'I' beam
- capacity	4400kg
Rear - type	Mercedes-Benz hypoid
- capacity	8100kg

Clutch

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

Rear Axle Ratios & Performance

Model	1218nR	1222nR	1224nR
Standard Axle Ratio	3.154:1	3.909:1	3.909:1
Governed Speed (mph)	56	56	56
Engine revs at governed speed	1982	1793	1793
Gradeability 1st gear rolling	38%	41%	41%

Other axle ratios may be available on request

Wheels & Tyres

Wheels	6.75 x 17.5
Tyres	245/70R 17.5
Spare Wheel and Carrier	Optional
Wheel Nut Covers	Standard



chassis

Brakes

Front/Rear Service	Disc brakes (335mm dia) Dual circuit air system Self adjusting Air dryer
Secondary/Parking Load sensing ABS	Progressive rear spring brake actuators Rear axle 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 + 120mm, - 80mm 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	RHS
	Lockable caps	

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
Heavy duty rear stabiliser
180 + 100 litre fuel tanks
Spare wheel, tyre and carrier
Chassis side guards behind rear axle
50 litre lockable storage box on chassis

Driveline

Higher capacity air compressor
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)
Windows in cab rear wall
Night heater in day cab
Radio / Cassette
Air conditioning
Driver's airbag
Central locking
Air suspension passenger seat
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