

dimensions (mm)

A Wheelbase	3020	3320	3620	4220	4820
C Rear overhang (day cab)	1535	1685	1885	2285	2685
Rear overhang (sleeper cab)	-	1685	1535	1935	2335
D Overall length (day cab)	6025	6565	7065	8065	9065
Overall length (sleeper cab)	-	6565	6715	7715	8715
E Frame height at rear axle (steel susp. unladen)	939	939	939	939	939
Frame height at rear axle (air susp. unladen)	-	-	848	848	848
G Back of cab to end of frame (day cab)	4285	4735	5235	6235	7235
Back of cab to end of frame (sleeper cab)	-	4135	4285	5285	6285
H Bumper to back of cab (day cab)	1650	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	270
Cab rear to front axle (sleeper cab)	-	870	870	870	870
Ground clearance front	195	195	195	195	195
Ground clearance rear	183	183	183	183	183
Frame width (at rear)	850	850	850	850	852
Turning circle (wall to wall) m	12.3	13.2	14.1	16.0	17.8

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

weights (kg)

	1018				
Wheelbase	3020	3320	3620	4220	4820
Kerb Weights (Steel Suspension)*					
Front axle	2561	2563	2575	2587	2599
Rear axle	1051	1059	1097	1125	1203
Total	3612	3622	3672	3712	3802
Body/Payload	6888	6878	6828	6788	6698
Plated Weights					
GVW	10500	10500	10500	10500	10500
GTW (overrun brakes)	14000	14000	14000	14000	14000
GTW (full airbrakes)	21000	21000	21000	21000	21000
Front axle	4000	4000	4000	4000	4000
Rear axle	7000	7000	7000	7000	7000

* 1022 adds 50kg to total kerb weight, 1024 adds 270kg

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 $\pm 2\%$.

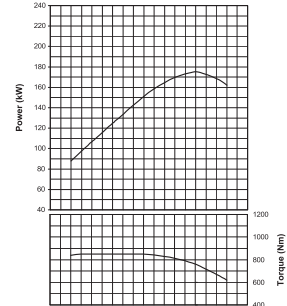
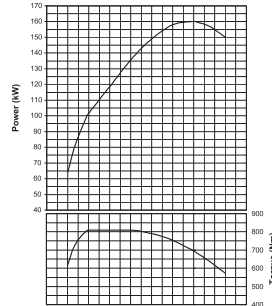
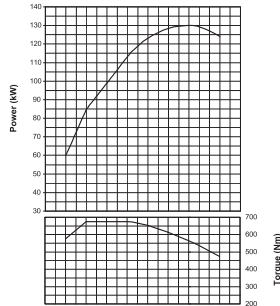
The right is reserved to alter specification or equipment without notice.



engine

	1018	1022	1024
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	1018	1022/1024
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	4000kg
Rear - type	Mercedes-Benz hypoid
- capacity	7000kg

Clutch

Type	Hydraulically operated single dry plate
Diameter	362mm (1018) 395mm (1022/1024)

Rear Axle Ratios & Performance

Model	1018	1022	1024
Standard Axle Ratio	3.154:1	3.909:1	3.909:1
Governed Speed (mph)	56	56	56
Engine revs at governed speed	1950	1764	1764
Gradeability 1st gear rolling	43%	46%	46%

Other axle ratios may be available on request

Wheels & Tyres

Wheels	6.75 x 17.5
Tyres	235/75R 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	125 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	Non-suspended
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
Drawbar package
180 litre fuel tank (not with 3020mm wheelbase)
Spare wheel, tyre and carrier
Chassis side guards behind rear axle
50 litre lockable storage box on chassis (not with 3020mm 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
G131-9 speed gearbox with 2.923 rear axle ratio (1024 only)
Telligent AutoTrans (only with 6-speed gearbox)
Differential lock
ASR
Various PTOs
Speedline cast aluminium wheels

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 (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
Headlamp washers
Halogen fog lights - front
Audible reverse warning

Engine

165Ah batteries
100 amp alternator

Electrics

Headlamp washers
Halogen fog lights - front
Audible reverse warning