

dimensions (mm)

	1018A	1318A	1318A
A Wheelbase	3260	3260	3560
C Rear overhang	1285	1285	1485
D Overall length	6097	6097	6597
E Frame height at rear axle (steel suspension unladen)	1180	1165	1165
G Back of cab to end of frame (day cab)	4335	4335	4835
Back of cab to end of frame (sleeper cab)	3735	3735	4235
H Bumper to back of cab (day cab)	1650	1650	1650
Bumper to back of cab (sleeper cab)	2250	2250	2250
I Cab rear to front axle (day cab)	210	210	210
Cab rear to front axle (sleeper cab)	810	810	810
Ground clearance front	273	265	265
Ground clearance rear	257	236	236
Frame width (at rear)	852	853	854
Turning circle (wall to wall) m	14.9	14.6	15.7

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

weights (kg)

	1018A	1318A	1318A
Wheelbase	3260	3260	3560
Kerb Weights (Steel Suspension)			
Front axle	3123	3283	3315
Rear axle	1389	1579	1597
Total	4512	4862	4912
Body/Payload	5988	8638	8588
Plated Weights			
GVW	10500	13500	13500
GTW (overrun brakes)	14000	17000	17000
Front axle	4300	5000	5000
Rear axle	6700	9000	9000

Weights and dimensions are to standard specification with 20 litres of fuel, 5 litres of AdBlue, oil, water and tools.

Kerb weights are subject to a manufacturing tolerance of $\pm 2\%$.

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

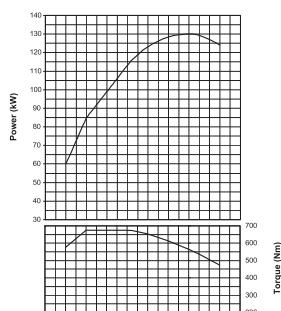


engine

1018A, 1318A

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

Performance Curves



transmission

Gearbox & Ratios

Type	MB G60-6 6-speed synchromesh
1st	9.20
2nd	5.23
3rd	3.15
4th	2.03
5th	1.37
6th	1.00
Reverse	8.65

Transfer gearbox with permanent drive to front axle with interaxle differential lock

Standard ratio	1.037:1
Cross country ratio	1.67:1

Axles

Front - type	Mercedes-Benz hypoid driven axle with differential lock
- capacity	4300kg (1018A), 5000kg (1318A)
Rear - type	Mercedes-Benz hypoid with differential lock
- capacity	6700kg (1018A), 9000kg (1318A)

Clutch

Type	Hydraulically operated single dry plate
Diameter	362mm

Rear Axle Ratios & Performance

Model	1018A	1318A
Gross Vehicle Weight (kg)	10500	13500
Standard Axle Ratio	4.300:1	4.300:1
Governed Speed (mph)	56	56
Engine revs at governed speed	2310	2150
Gradeability 1st gear rolling	48%/+50%*	37%/+50%*

*with cross country ratio
Other axle ratios may be available on request

Wheels & Tyres

Wheels	7.50 x 22.5
Tyres	10R 22.5
Spare Wheel and Tyre	Optional
Wheel Nut Covers	Standard



chassis

Brakes

Front/Rear	Drum brakes
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

Steering

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

	Capacity (litres)	Position
Fuel Tank	1018 125 plastic	RHS
	1318 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
Protective grilles on headlamps

cab

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

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

options

Chassis

Heavy duty stabilisers
180 litre fuel tank (1018A)
Spare wheel and tyre
1018A at 10.5t with single rear tyres (365/80R 20 tyres all round)
1318A at 13.1t with single rear tyres (365/80R 20 tyres all round)

Driveline

Higher capacity air compressor
Telligent AutoTrans (only with 6-speed gearbox)
Various PTOs

Brakes

Heated brake air dryer

Cab

Day cab with extended rear wall (SE)
Night heater in day cab
Radio / Cassette
Air conditioning
Central locking
Air suspension passenger seat
Centre seat with seat belt
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)
Wood trim on instrument panel
Additional sockets in cab
External sun visor - transparent
Sleeper cab with single bed (L)
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
Air horns on cab roof

Engine

165Ah batteries
100 amp alternator

Electrics

Headlamp washers (not with protective grilles)
Halogen fog lights - front
Audible reverse warning