

### 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)	913	913	913	913	913
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)

	918				
Wheelbase	3020	3320	3620	4220	4820
<b>Kerb Weights (Steel Suspension)*</b>					
Front axle	2531	2533	2545	2827	2569
Rear axle	1011	1019	1057	1085	1163
Total	3542	3552	3602	3912	3732
Body/Payload	5958	5948	5898	5588	5768
<b>Plated Weights</b>					
GVW	9500	9500	9500	9500	9500
GTW (overrun brakes)	13000	13000	13000	13000	13000
GTW (full airbrakes)	21000	21000	21000	21000	21000
Front axle	4000	4000	4000	4000	4000
Rear axle	6200	6200	6200	6200	6200

\*922 adds 100kg to total kerb weight, 924 adds 220kg

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  $\pm 2\%$ .

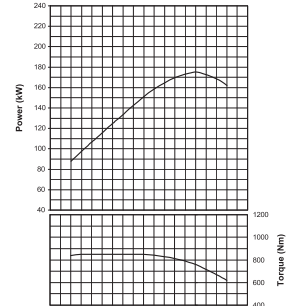
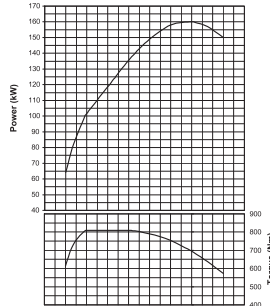
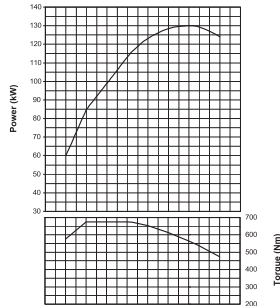
The right is reserved to alter specification or equipment without notice.



# engine

	918	922	924
<b>Type</b>	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
<b>Max. power @ 2200 rpm</b>	130kW 177PS	160kW 218PS	175kW 238PS
<b>Max. torque</b>	675Nm @ 1200 - 1600 rpm 498lbft @ 1200 - 1600 rpm	810Nm @ 1400 - 1600 rpm 597lbft @ 1400 - 1600 rpm	850Nm @ 1200 - 1600 rpm 627lbft @ 1200 - 1600 rpm
<b>Bore</b>	102mm	106mm	102mm
<b>Stroke</b>	130mm	136mm	130mm
<b>Capacity</b>	4.25 litres	4.8 litres	6.37 litres
<b>Control</b>		Electronic engine management	
<b>Fuel Injection</b>		Direct injection via unit injectors	
<b>Cooling</b>		Water cooled with viscous fan	
<b>Exhaust</b>		Stainless steel with SCR catalytic converter on RHS	
<b>Immobiliser</b>		Standard	
<b>Engine Brake</b>		Constant throttle with butterfly	

## Performance Curves



# transmission

## Gearbox & Ratios

Model	918	922/924
<b>Type</b>	MB G56-6 6-speed synchromesh	MB G85-6 6-speed synchromesh
<b>1st</b>	6.29	6.70
<b>2nd</b>	3.48	3.81
<b>3rd</b>	2.10	2.29
<b>4th</b>	1.38	1.48
<b>5th</b>	1.00	1.00
<b>6th</b>	0.79	0.73
<b>Reverse</b>	6.29	6.29

## Axles

<b>Front</b> - type	Mercedes-Benz drop centre 'I' beam
- capacity	4000kg
<b>Rear</b> - type	Mercedes-Benz hypoid
- capacity	6200kg

## Clutch

<b>Type</b>	Hydraulically operated single dry plate
<b>Diameter</b>	362mm (918)    395mm (922/924)

## Rear Axle Ratios & Performance

Model	918	922	924
<b>Standard Axle Ratio</b>	3.636:1	3.909:1	3.909:1
<b>Governed Speed (mph)</b>	56	56	56
<b>Engine revs at governed speed</b>	1766	1764	1764
<b>Gradeability 1st gear rolling</b>	37%	+50%	+50%

Other axle ratios may be available on request

## Wheels & Tyres

<b>Wheels</b>	6.75 x 17.5
<b>Tyres</b>	235/75R 17.5
<b>Spare Wheel and Carrier</b>	Optional
<b>Wheel Nut Covers</b>	Standard



# chassis

## Brakes

<b>Front/Rear Service</b>	Disc brakes (335mm dia) Dual circuit air system Self adjusting Air dryer
<b>Secondary/Parking Load sensing ABS</b>	Progressive rear spring brake actuators Rear axle Standard

## Suspension

<b>Front axle:</b>	Parabolic leaf springs Double acting shock absorbers Stabiliser
<b>Rear axle:</b>	Parabolic dual rate leaf springs Double acting shock absorbers Stabiliser
<b>Rear axle: (Optional)</b>	2 bag air suspension Single leaf guide spring Control valve +120mm, - 80mm Double acting shock absorbers Stabiliser Electronic level adjustment

## Steering

<b>Type</b>	Recirculating ball Integral power assistance Variable ratio Steering column lock Adjustable column
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## Tanks

	<b>Capacity (litres)</b>	<b>Position</b>
<b>Fuel Tank</b>	125 plastic	RHS
<b>AdBlue Tank</b>	25 Lockable caps	RHS

## Electrical Systems (featuring CAN bus technology)

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

## Protection & Finish

<b>Paint</b>	Gloss paint finish Nova grey chassis Silver wheels
<b>Underbody</b>	Seam and cavity sealing Underbody sealing Part galvanised panels Plastic wings Plastic trim panels
<b>Entry steps</b>	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

<b>Standard cab</b>	Day (S)	<b>Driver seat</b>	Non-suspended
<b>Mounting</b>	4 point	<b>Passenger seat</b>	Non-suspended
<b>Tilting</b>	Hydraulic	<b>Centre seat</b>	Standard
<b>Dashboard</b>	Distribution	<b>Parking brake control</b>	On console beside driver seat
<b>Windows in rear wall</b>	Optional	<b>Ventilation air filter</b>	Pollen filter
<b>Nets on rear wall</b>	Standard		
<b>Switch and wiring for body interior light</b>	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 (not with G56-6 speed gearbox)  
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  
G60-6 speed gearbox with 3.154 rear axle ratio (only on 918 and only with drawbar package or Telligent AutoTrans)  
G131-9 speed gearbox with 2.923 rear axle ratio (924 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

## Engine

165Ah batteries  
100 amp alternator

## Electrics

Headlamp washers  
Halogen fog lights - front  
Audible reverse warning