

## dimensions (mm)

A Wheelbase	3260
C Rear overhang	1135
D Overall length	6015
E Frame height at rear axle (steel suspension unladen)	1075
G Back of cab to end of frame	4185
H Bumper to back of cab	1650
I Cab rear to front axle	210
Ground clearance front	298
Ground clearance rear	243
Frame width (at rear)	852
Turning circle (wall to wall) m	13.1

Minimum cab gap: Day Cab = 100mm

## weights (kg)

	1518K
Wheelbase	3260
<b>Kerb Weights (Steel Suspension)*</b>	
Front axle	2945
Rear axle	1407
Total	4352
Body/Payload	10648
<b>Plated Weights</b>	
GVW	15000
GTW (overrun brakes)	18500
GTW (full airbrakes)**	21000
Front axle	5100
Rear axle	10500

\* 1522K adds 50kg to total kerb weight, 1524K adds 170kg

\*\* GTW 28000kg for 1524K

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

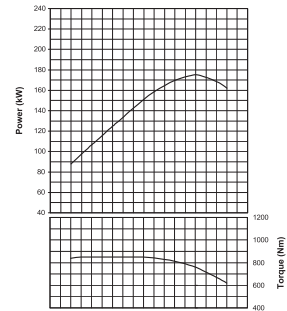
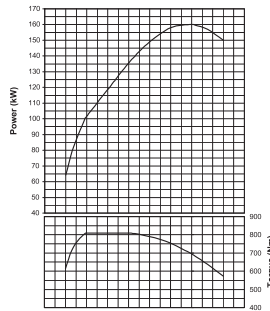
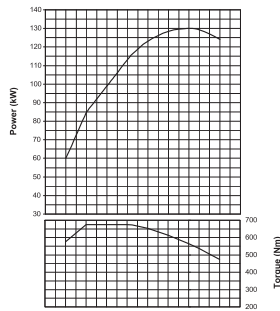
The right is reserved to alter specification or equipment without notice.



**Atego****1518K  
1522K  
1524K**

# engine

	<b>1518K</b>	<b>1522K</b>	<b>1524K</b>
<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>Immobiliser</b>		Standard	
<b>Exhaust</b>		Stainless steel with SCR catalytic converter on RHS	
<b>Engine Brake</b>		Constant throttle with butterfly	

**Performance Curves**

# transmission

**Gearbox & Ratios**

Model	1518K	1522K/1524K
<b>Type</b>	MB G60-6 6-speed synchromesh	MB G85-6 6-speed synchromesh
<b>1st</b>	9.20	6.70
<b>2nd</b>	5.23	3.81
<b>3rd</b>	3.15	2.29
<b>4th</b>	2.03	1.48
<b>5th</b>	1.37	1.00
<b>6th</b>	1.00	0.73
<b>Reverse</b>	8.65	6.29

**Axes**

<b>Front</b> - type	Mercedes-Benz drop centre 'I' beam
- capacity	5100kg
<b>Rear</b> - type	Mercedes-Benz hypoid with differential lock
- capacity	10500kg

**Clutch**

<b>Type</b>	Hydraulically operated single dry plate
<b>Diameter</b>	362mm (1518K) 395mm (1522K/1524K)

**Rear Axle Ratios & Performance**

Model	1518K	1522K	1524K
<b>Standard Axle Ratio</b>	4.300:1	5.222:1	5.222:1
<b>Governed Speed (mph)</b>	56	56	56
<b>Engine revs at governed speed</b>	2080	1842	1842
<b>Gradeability 1st gear rolling</b>	32%	33%	35%

Other axle ratios may be available on request

**Wheels & Tyres**

<b>Wheels</b>	7.50 x 22.5
<b>Tyres</b>	10R 22.5
<b>Spare Wheel and Tyre</b>	Optional
<b>Wheel Nut Covers</b>	Standard



# chassis

## Brakes

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

## 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	RHS
	Lockable caps	

## 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  
Front underride guard

# cab

<b>Standard cab</b>	Day (S)	<b>Driver seat</b>	Air suspension
<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>	Standard	<b>Ventilation air filter</b>	Dust filter
<b>Nets on rear wall</b>	Optional		
<b>Switch and wiring for body interior light</b>	Optional		

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

# options

## Chassis

Vertical exhaust tailpipe behind cab

5.7 tonne front axle

Heavy duty rear stabiliser

Drawbar package

Spare wheel and tyre

## Driveline

Higher capacity air compressor

G 131-9 speed gearbox with 4.300 rear axle ratio (1524K only)

Telligent AutoTrans (only with 6-speed gearbox)

ASR

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

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

Air horns on cab roof

Protective grilles on headlamps

## Engine

165Ah batteries

100 amp alternator

## Electrics

Headlamp washers

Halogen fog lights - front

Audible reverse warning