

## dimensions (mm)

A Wheelbase	3260	3560
C Rear overhang	1035	1035
D Overall length	5735	6035
E Frame height at rear axle (air suspension unladen)	893	893
G Back of cab to end of frame (day cab)	4085	4385
Back of cab to end of frame (sleeper cab)	-	3785
H Bumper to back of cab (day cab)	1650	1650
Bumper to back of cab (sleeper cab)	-	2250
I Cab rear to front axle (day cab)	210	210
Cab rear to front axle (sleeper cab)	-	810
Ground clearance front	216	216
Ground clearance rear	158	158
Frame width (at rear)	852	852
Turning circle (wall to wall) m	13.1	14.0

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

## weights (kg)

	1324LS/1329LS	
Wheelbase	3260	3560
<b>Kerb Weights*</b>		
Front axle	3153	3155
Rear axle	1359	1377
Total	4512	4532
<b>Plated Weights</b>		
GVW	13500	13500
GCW	28000	28000
Front axle	4700	4700
Rear axle	9300	9300

\*1322LS saves 190kg

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

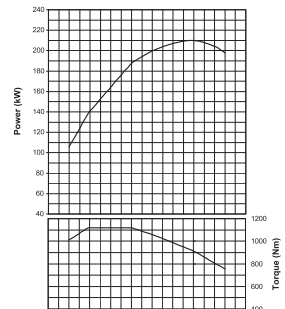
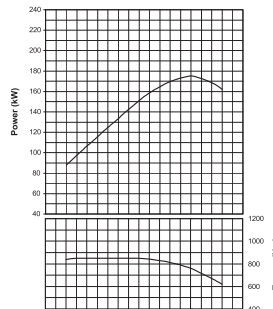
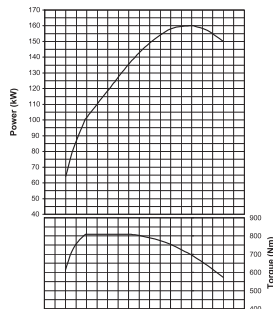
The right is reserved to alter specification or equipment without notice.



**Atego****1322LS  
1324LS  
1329LS**

# engine

	<b>1322LS</b>	<b>1324LS</b>	<b>1329LS</b>
<b>Type</b>	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	Mercedes-Benz OM906LA 6.37 litre turbo-intercooled 6 cylinder direct injection diesel
<b>Max. power @ 2200 rpm</b>	160kW 218PS	175kW 238PS	210kW 286PS
<b>Max. torque</b>	810Nm @ 1400 - 1600 rpm 597lbft @ 1400 - 1600 rpm	850Nm @ 1200 - 1600 rpm 627lbft @ 1200 - 1600 rpm	1120Nm @ 1200 - 1600 rpm 826lbft @ 1200 - 1600 rpm
<b>Bore</b>	106mm	102mm	102mm
<b>Stroke</b>	136mm	130mm	130mm
<b>Capacity</b>	4.8 litres	6.37 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	1322LS	1324LS/1329LS
<b>Type</b>	MB G85-6 6-speed synchromesh	MB G131-9 9-speed synchromesh
<b>1st</b>	6.70	9.48
<b>2nd</b>	3.81	6.64
<b>3rd</b>	2.29	4.82
<b>4th</b>	1.48	3.67
<b>5th</b>	1.00	2.59
<b>6th</b>	0.73	1.81
<b>7th</b>	-	1.32
<b>8th</b>	-	1.00
<b>Crawler</b>	-	14.57
<b>Reverse</b>	6.29	13.86

**Axles**

<b>Front</b> - type	Mercedes-Benz drop centre 'I' beam
- capacity	4700kg
<b>Rear</b> - type	Mercedes-Benz hypoid
- capacity	9300kg

**Clutch**

<b>Type</b>	Hydraulically operated single dry plate
<b>Diameter</b>	395mm

**Rear Axle Ratios & Performance**

Model	1322LS	1324LS	1329LS
<b>Standard Axle Ratio</b>	4.778:1	3.308:1	3.308:1
<b>Governed Speed (mph)</b>	56	56	56
<b>Engine revs at governed speed</b>	1970	1890	1890
<b>Gradeability 1st gear rolling</b>	18%	19%	26%

Other axle ratios may be available on request

**Wheels & Tyres**

<b>Wheels</b>	6.75 x 19.5
<b>Tyres</b>	265/70R 19.5
<b>Spare Wheel and Tyre</b>	Optional
<b>Wheel Nut Covers</b>	Standard



# chassis

## Brakes

<b>Front/Rear</b>	Disc brakes (377mm dia)
<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
<b>Trailer brakes</b>	Two line

## Suspension

<b>Front axle:</b>	Parabolic leaf springs Double acting shock absorbers Stabiliser
<b>Rear axle:</b>	2 bag air suspension Single leaf guide spring Control valve + 180mm, - 85mm 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>	180 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  
Rear wings  
Front and rear spray suppression  
Front and side underride guards  
Gantry with suzies, electrical connections and coupling lamp  
50 litre lockable storage box on chassis

# 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>	Optional	<b>Ventilation air filter</b>	Pollen filter
<b>Nets on rear wall</b>	Standard		
<b>Coupling lamp</b>	Standard		

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

# options

## Chassis

Heavy duty rear stabiliser  
180 + 100 litre fuel tanks (3560mm wheelbase only)  
Spare wheel and tyre

## Driveline

Higher capacity air compressor  
G85-6 speed gearbox with 4.750 rear axle ratio (1324LS only)  
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) (3560mm wheelbase only)  
High roof sleeper cab with one or two beds (LR) (3560mm wheelbase only)  
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