

dimensions (mm)

A Wheelbase	3260
C Rear overhang	1135
D Overall length	6015
E Frame height at rear axle (steel suspension unladen)	1095
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	315
Ground clearance rear	260
Frame width (at rear)	852
Turning circle (wall to wall) m	13.1

Minimum cab gap: Day Cab = 100mm

weights (kg)

	1618K
Wheelbase	3260
Kerb Weights (Steel Suspension)*	
Front axle	3005
Rear axle	1457
Total	4462
Body/Payload	11538
Plated Weights	
GVW	16000
GTW (overrun brakes)	16000
Front axle	6100
Rear axle	10500

* 1622K adds 50kg to total kerb weight, 1624K adds 170kg

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 $\pm 2\%$.

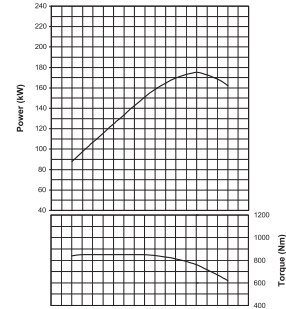
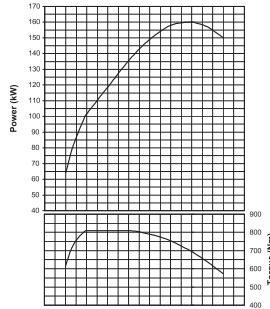
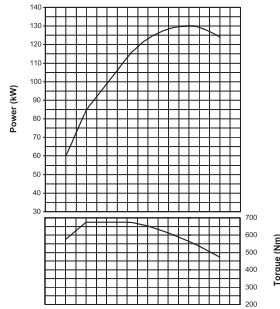
The right is reserved to alter specification or equipment without notice.



**Atego****1618K
1622K
1624K**

engine

	1618K	1622K	1624K
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	
Immobiliser		Standard	
Exhaust		Stainless steel with SCR catalytic converter on RHS	
Engine Brake		Constant throttle with butterfly	

Performance Curves

transmission

Gearbox & Ratios

	1618K	1622K/1624K
Model	1618K	1622K/1624K
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	6100kg
Rear - type	Mercedes-Benz hypoid with differential lock
- capacity	10500kg

Clutch

Type	Hydraulically operated single dry plate
Diameter	362mm (1618K) 395mm (1622K/1624K)

Rear Axle Ratios & Performance

	1618K	1622K	1624K
Model	1618K	1622K	1624K
Standard Axle Ratio	4.300:1	5.222:1	5.222:1
Governed Speed (mph)	56	56	56
Engine revs at governed speed	2020	1789	1789
Gradeability 1st gear rolling	29%	30%	32%

Other axle ratios may be available on request

Wheels & Tyres

Wheels	7.50 x 22.5
Tyres	11R 22.5
Spare Wheel and Tyre	Optional
Wheel Nut Covers	Standard



chassis

Brakes

Front	Disc brakes (377mm dia)
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	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
Front underride guard

cab

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

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

options

Chassis

Vertical exhaust tailpipe behind cab
Heavy duty rear stabiliser
Spare wheel and tyre

Driveline

Higher capacity air compressor
G 131-9 speed gearbox with 4.300 rear axle ratio (1624K 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