

dimensions (mm)

	1318LKO / 1324LKO
A Wheelbase	3260
C Rear overhang	1135
D Overall length	6015
E Frame height at rear axle (air suspension unladen)	940
G Back of exhaust to end of frame	3811
H Bumper to back of cab	1650
I Cab rear to front axle	210
Ground clearance front	291
Ground clearance rear	233
Frame width (at rear)	852
O Front axle centre to rear of exhaust	584
Turning circle (wall to wall) m	14.2

weights (kg)

	1318LKO / 13.5t	1318LKO / 15t
Wheelbase	3260	3260
Kerb Weights		
Front axle	2775	2785
Rear axle	1587	1597
Total	4362	4382
Body/Payload	9138	10618
Plated Weights		
GVW	13500	15000
Front axle	4700	5100
Rear axle	9300	10500

1324LKO adds 250kg

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

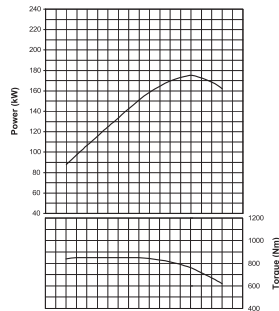
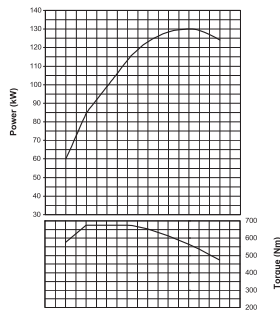
The right is reserved to alter specification or equipment without notice.



engine

	1318LKO	1324LKO
Type	Mercedes-Benz OM904LA 4.25 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	175kW 238PS
Max. torque @ 1200 - 1600 rpm	675Nm 498lbft	850Nm 627lbft
Bore	102mm	102mm
Stroke	130mm	130mm
Capacity	4.25 litres	6.37 litres
Control	Electronic engine management	
Fuel Injection	Direct injection via unit injectors	
Cooling	Water cooled with viscous fan	
Exhaust	Stainless steel with SCR catalytic converter on RHS mounted vertically behind cab	
Immobiliser	Standard	
Engine brake	Constant throttle with butterfly	

Performance Curves



transmission

Gearbox & Ratios

Type	ZF S 9-75 9-speed synchromesh
Crawler	13.16
1st	8.91
2nd	6.50
3rd	4.67
4th	3.50
5th	2.55
6th	1.86
7th	1.33
8th	1.00
Reverse	11.74

Axles

Front - type	Mercedes-Benz drop centre 'I' beam
- capacity	5300kg
Rear - type	Mercedes-Benz hypoid
- capacity	10500kg

Clutch

Type	Hydraulically operated single dry plate
Diameter	362mm

Rear Axle Ratios & Performance

Model	1318LKO	1324LKO	1318LKO	1324LKO
Gross Vehicle Weight (kg)	13500	13500	15000	15000
Standard Axle Ratio	5.222:1	5.222:1	5.222:1	5.222:1
Geared Speed (mph)	56	56	56	56
Governed Speed (mph)	56	56	56	56
Engine revs at governed speed	2520	2520	2520	2520
Gradeability 1st gear rolling	42%	38%	42%	38%
Max speed in first gear (mph)	6.2	6.2	6.2	6.2
Max speed in crawler (mph)	4.2	4.2	4.2	4.2

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

Suspension

Front axle:	Parabolic leaf springs Double acting shock absorbers Stabiliser
Rear axle:	2 bag air suspension Single leaf guide spring Control valve + 180mm, - 85mm Double acting shock absorbers Stabiliser Electronic level adjustment

Steering

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

Tanks

	Capacity (litres)	Position
Fuel Tank	125 plastic	Centre of rear chassis frame
AdBlue Tank	8 Lockable caps	Behind cab

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 and rear underride guards
Air tanks and batteries to nearside behind cab

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	Optional	Ventilation air filter	Dust filter
Nets on rear wall	Standard		
Switch and wiring for body interior light	Standard		

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

options

Chassis

15 tonne GVW version
Rear stabiliser for very high loads
Spare wheel and tyre

Driveline

Allison Automatic Transmission
Higher capacity air compressor
Differential lock
ASR
Various PTOs

Brakes

Heated brake air dryer
Telligent braking system with ABS (and ASR)

Cab

Windows in cab rear wall
Night heater in day cab
Radio cassette player
Air conditioning
Driver's airbag
Central locking
4-way adjustable passenger seat
Air suspension passenger seat
Centre seat with seatbelt
Vinyl covered seats (not with centre seat)
Heated windscreen
Tinted glass
Long Distance dashboard with parking brake on dashboard (not with centre seat)
Wood trim on instrument panel
Additional sockets in cab
External sun visor - transparent
Air horns on cab roof
Roof beacons

Engine

165Ah batteries
100 amp alternator

Electrics

PSM electronic interface
Headlamp washers
Halogen fog lights - front
Audible reverse warning