

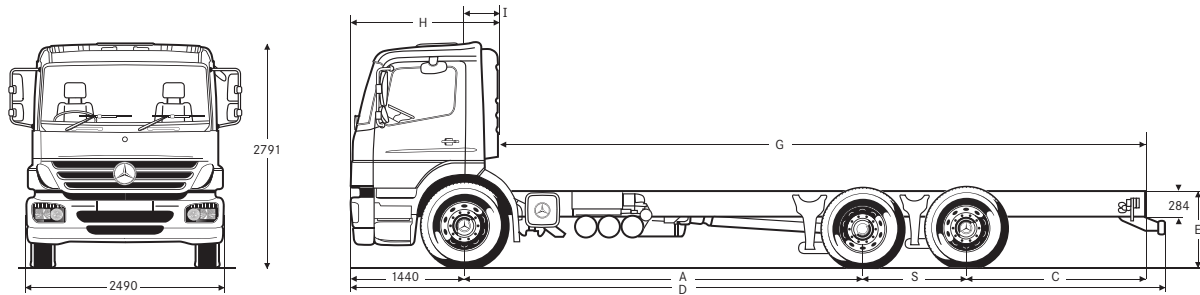
AXOR-R

BLUETEC 4

BLUETEC 5

6x2 Lowliner Rigid Truck
Trailing axle
25,000kg GVW

2529LLnR
2533LLnR



dimensions (mm)

A Wheelbase	4500	4800
C Rear overhang	1900	1900
D Overall length	9455	9755
E Frame height at rear axle (air suspension unladen)	875	875
G Back of cab to end of frame (day cab)	7360	7660
Back of cab to end of frame (sleeper cab)	6940	7240
H Bumper to back of cab (day cab)	1830	1830
Bumper to back of cab (sleeper cab)	2250	2250
I Cab rear to front axle (day cab)	390	390
Cab rear to front axle (sleeper cab)	810	810
Ground clearance front	153	153
Ground clearance rear	194	194
Frame width (at rear)	758	758
S Bogie Spread	1350	1350
Turning circle (wall to wall) m	19.7	20.6

Minimum cab gap: Day Cab = 250mm, Sleeper Cab = 150mm

weights (kg)

2529LLnR		
Wheelbase	4500	4800
Kerb Weights (Air Suspension)*		
Front axle	3574	3575
Rear bogie	2861	2890
Total	6435	6465

Plated Weights	UK Authorised	Design
GVW	25000	25000
GTW	36000	36000
Front axle	7100	7500
Drive axle	11500	11500
Trailing axle	7100	7500

*2533LLnR adds 80kg to total kerb weight

Weights and dimensions are to standard specification with 20 litres of fuel, 5 litres of AdBlue, oil, water, tools, rear underride guard, and front spray suppression.

Kerb weights are subject to a manufacturing tolerance of $\pm 2\%$.

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

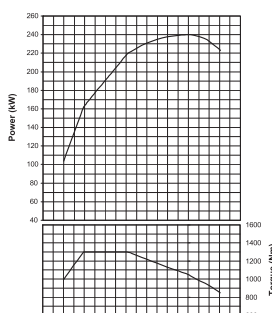
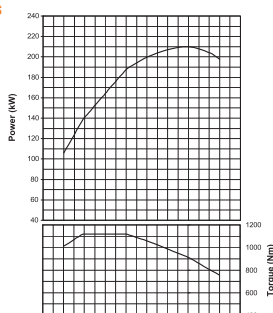


Mercedes-Benz

engine

	2529LLnR	2533LLnR
Type	Mercedes-Benz OM906LA 6.37 litre turbo-intercooled 6 cylinder direct injection diesel	Mercedes-Benz OM926LA 7.2 litre turbo-intercooled 6 cylinder direct injection diesel
Max. power @ 2200 rpm	210kW 286PS	240kW 326PS
Max. torque @ 1200 - 1600 rpm	1120Nm 826lbft	1300Nm 960lbft
Bore	102mm	106mm
Stroke	130mm	136mm
Capacity	6.37 litres	7.2 litres
Control	Electronic engine management	
Fuel Injection	Direct injection via unit injectors	
Cooling	Water cooled with viscous fan	
Immobiliser	Standard	
Engine Brake	Constant throttle with butterfly	
Exhaust	Stainless steel with SCR catalytic converter LHS	
Cruise Control	Standard	

Performance Curves



transmission

Gearbox & Ratios

Model	2529LLnR	2533LLnR
Type	G 131-9 9-speed synchromesh	G 131-9 9-speed synchromesh
Gearshift	hydraulic	
1st	9.48	9.48
2nd	6.64	6.64
3rd	4.82	4.82
4th	3.67	3.67
5th	2.59	2.59
6th	1.81	1.81
7th	1.32	1.32
8th	1.00	1.00
Crawler	14.57	14.57
Reverse	13.86	13.86

Axles

Front	- Type	Mercedes-Benz drop centre 'I' beam
	- Design capacity	7500kg
Drive	- Type	Mercedes-Benz hypoid with differential lock
	- Design capacity	13000kg
Trailing	- Type	Non-steered with single tyres
	- Design capacity	7500kg

Clutch

Type	Hydraulically operated single dry plate
Diameter	395mm

Rear Axle Ratios & Performance

Model	2529LLnR	2533LLnR
Standard Axle Ratio	3.583:1	3.077:1
Governed Speed (mph)	56	56
Engine revs at governed speed	1870	1610
Gradeability 1st gear rolling	28%	28%

Other axle ratios may be available on request

Wheels & Tyres

Wheels	9.00 x 22.5
Tyres	315/60R 22.5
Spare Wheel and Tyre	Optional
Wheel Nut Covers	Standard



chassis

Brakes

Front/Rear Service	Disc brakes (430mm dia) Dual circuit air system Self adjusting Air dryer heated
Secondary/Parking Load sensing	Progressive rear spring brake actuators
ABS	Rear axle Standard

Suspension

Front axle:	Air suspension Control valve + 200mm, - 90mm Double acting shock absorbers Stabiliser Electronic level adjustment
Drive axle:	4 bag air suspension Control valve + 200mm, - 90mm Double acting shock absorbers Stabiliser Electronic level adjustment
Trailing axle:	Air suspension Axle not liftable

Steering

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

	Capacity (litres)	Position
Fuel Tank	400 aluminium	RHS
AdBlue Tank	95 Lockable caps	RHS

cab

Standard cab	Extended day (SE)
Dashboard	Long Distance
Windows in rear wall	Optional
Bumper	Plastic
Under bumper spoiler	Not available
Switch and wiring for body interior light	Standard

Electrical Systems (featuring CAN bus technology)

Voltage	24 volt, negative earth
Battery	2 x 12 volt, 165Ah
Alternator	28 volt/80 amp
Telligent maintenance system	Standard

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

Ladder frame, high tensile steel
Channel section sidemembers
Bolted rear crossmember
Front spray suppression
Rear underride guard

For cab options please see the separate Axor R Cab Specification Sheet CV 548

options

Chassis

- Aluminium air reservoirs
- Axle load indicator
- Drawbar package
- 500 litre aluminium fuel tank
- Steel fuel tanks
- Spare wheel and tyre
- Steel front bumper

Driveline

- Telligent gearshift (only with G211 gearbox)
- G211-16 speed gearbox including 430mm dia clutch
- Gear oil cooler
- Various PTOs
- 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
- Air suspension passenger seat
- Centre seat and seat belt (only with day cab and only with Distribution dashboard)
- Heated windscreen
- Tinted glass
- Distribution dashboard with parking brake on console beside driver seat (standard with centre seat)
- Comfort dashboard (not with centre seat)
- 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

- 220Ah batteries
- 100 amp alternator

Electrics

- Xenon headlamps
- Headlamp washers
- Audible reverse warning