

AXOR-R

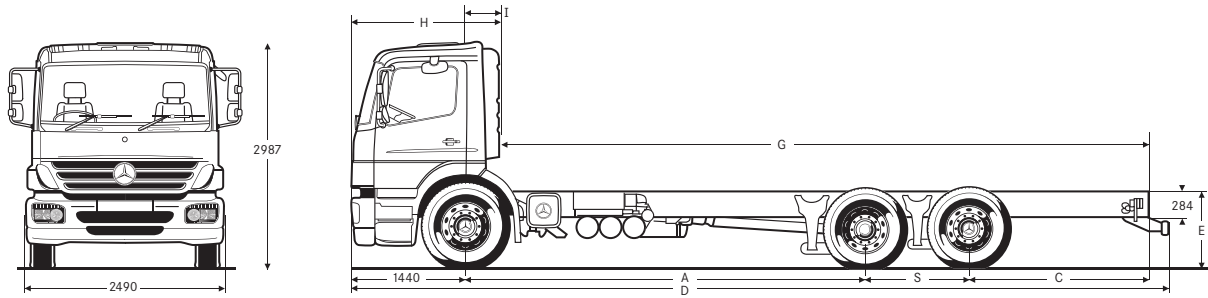
BLUETEC 4

BLUETEC 5

6x2 Rigid Truck
Trailing axle
26,000kg GVW

2529L

2533L



dimensions (mm)

A Wheelbase	4200	4500	4800	5100	5400	5700	6000
C Rear overhang	1000	1900	2250	2250	2250	2250	2250
D Overall length	8255	9455	10105	10405	10705	11005	11305
E Frame height at rear axle (air suspension) unladen	1062	1062	1062	1062	1062	1062	1062
G Back of cab to end of frame (day cab)	6160	7360	8010	8310	8610	8910	9210
Back of cab to end of frame (sleeper cab)	5740	6940	7590	7890	8190	8490	8790
H Bumper to back of cab (day cab)	1830	1830	1830	1830	1830	1830	1830
Bumper to back of cab (sleeper cab)	2250	2250	2250	2250	2250	2250	2250
I Cab rear to front axle (day cab)	390	390	390	390	390	390	390
Cab rear to front axle (sleeper cab)	810	810	810	810	810	810	810
Ground clearance front	294	294	294	294	294	294	294
Ground clearance rear	253	253	253	253	253	253	253
Frame width (at rear)	758	758	758	758	758	758	758
S Bogie spread	1350	1350	1350	1350	1350	1350	1350
Turning circle (wall to wall) m	18.4	19.3	20.2	21.1	22.0	22.9	23.8

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

weights (kg)

	2529L						
Wheelbase	4200	4500	4800	5100	5400	5700	6000
Kerb Weights (Air Suspension)*							
Front axle	3642	3644	3655	3666	3677	3688	3699
Rear bogie	2923	2941	2960	2969	2978	2987	2996
Total	6565	6585	6615	6635	6655	6675	6695

Plated Weights	UK Authorised	C&U	Design
GVW	26000	25300	26000
GTW	36000	36000	36000
Front axle	8000	8000	8000
Drive axle	11500	10500	11500
Trailing axle	7500	6800	7500

*2533L 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, front and rear underride guards, 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.

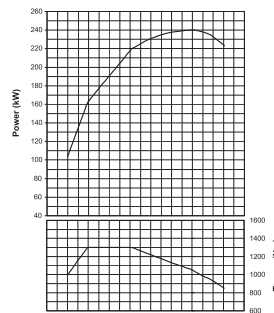
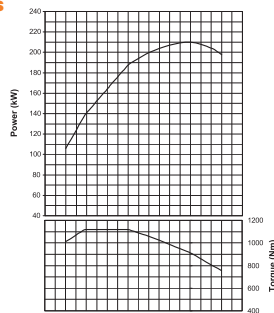


Mercedes-Benz

engine

	2529L	2533L
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	2529L	2533L
Type	G131-9 9-speed synchromesh	G131-9 9-speed synchromesh
Gearshift	hydraulic	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	8000kg
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	2529L	2533L
Standard Axle Ratio	3.583:1	3.583:1
Governed Speed (mph)	56	56
Engine revs at governed speed	1640	1640
Gradeability 1st gear rolling	24%	29%

Other axle ratios may be available on request

Wheels & Tyres

Wheels	9.00 x 22.5
Tyres	315/80R 22.5
Spare Wheel and Carrier	Optional
Wheel Nut Covers	Standard



chassis

Brakes

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

Suspension

Front axle:	Parabolic leaf springs Double acting shock absorbers Stabiliser
Drive axle:	4 bag air suspension Control valve + 200mm, - 90mm Double acting shock absorbers Stabiliser Electronic level adjustment
Trailing axle:	Air suspension with lift facility

Steering

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

	Capacity (litres)	Position
Fuel Tank	300 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	Standard
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
Front and rear underride guards

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

options

Chassis

Vertical exhaust tailpipe behind cab
Vertical silencer behind cab
Aluminium air reservoirs
210 litre plastic fuel tank
400 litre aluminium fuel tank
500 litre aluminium fuel tank
Steel fuel tanks
Spare wheel, tyre and carrier
Super Singles on front axle
Steel front bumper

Driveline

Higher capacity air compressor
Telligent gearshift (only with G211 gearbox)
G211-16 speed gearbox including 430mm dia clutch
Gear oil cooler
Hub reduction rear axle with disc brakes
Various PTOs
Telligent braking system with ABS (and ASR)
Up-rated front axle
Front axle air suspension
Axle load indicator
Drawbar package
Aluminium wheels

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)
Vinyl covered seats (not with centre seat)
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 or under cab

Engine

220Ah batteries
100 amp alternator

Electrics

Xenon headlamps
Headlamp washers
Halogen fog lights - front
Audible reverse warning