

MERCEDES-BENZ SPECIFICATIONS

Model	Axor 1823K/36 4x2 Tipper	Axor 1828/60 4x2 F/C	Axor 2528L/51 6x2 F/C	Axor 2628/45 6x4 F/C	Axor 2628L/57 6x2 F/C	Axor 2628B/33 6x4 Mix/ Tipper	Axor 1835LS/36 4x2 T/T
DIMENSIONS (mm)							
Overall Length	6 555	11 005	10 405	9 455	10 890	7 705	5 815
Overall Width	2 500	2 494	2 494	2 494	2 500	2 485	2 500
Overall Height	2 999	2 951	2 940	3 006	2 943	2 983	3 109
Front Overhang	1 440	1 440	1 440	1 440	1 440	1 440	1 440
Rear Overhang	1 150	3 300	2 250	1 900	2 400	1 350	770
Wheelbase	3 600	6 000	5 775	5 175	6 375	3 975	3 600
Bumper to Back of Cab	1 647	1 827	2 023	2 023	2 234	1 827	2 396
Back of Cab to Centre Rear Axle	3 390	5 610	5 189	4 979	5 878	3 585	2 660
Turning Radius (m)	7.45	11.2	10.8	9.9	11.2	8.0	7.45
MASS DATA (kg)							
Manufacturer's Gross Vehicle Mass	18 000	18 000	26 000	27 500	26 000	27 500	18 000
Manufacturer's Gross Combination Mass	28 000	36 000	36 000	36 000	36 000	36 000	44 000
Manufacturer's Front Axle Mass	7 500	7 500	7 500	7 500	7 500	7 500	7 500
Manufacturer's Rear Axle Mass	13 000	11 500	19 000	20 000	19 000	20 000	11 500
Permissible Maximum Vehicle Mass	16 500	16 500	23 500	25 500	25 500	25 500	16 500
Permissible Maximum Front Axle Mass	7 500	7 500	7 500	7 500	7 500	7 500	7 500
Permissible Maximum Rear Axle Mass	9 000	9 000	16 000	18 000	18 000	18 000	9 000
Unladen Front Axle Mass	3 856	3 879	3 951	3 943	3 990	3 665	4 694
Unladen Rear Axle Mass	1 945	2 232	2 203	4 178	2 757	3 635	1 997
Total Unladen Mass	5 801	6 111	7 278	8 121	6 747	7 300	6 691
Permissible Max Drawing Vehicle Mass	28 000	36 000	36 000	36 000	36 000	36 000	44 000
ENGINE							
Make / Model	M-Benz OM 906 LA	M-Benz OM 906 LA	M-Benz OM 906 LA	M-Benz OM 906 LA	M-Benz OM 906 LA	M-Benz OM 906 LA	M-Benz OM 457 LA
Configuration	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel
Capacity (cm ³)	6 374	6 374	6 374	6 374	6 374	6 374	11 967
Max Power – kW (hp) @ r/min	170 (231) @ 2 200	205 (279) @ 2 200	205 (279) @ 2 200	205 (279) @ 2 200	205 (279) @ 2 200	205 (279) @ 2 200	260 (354) @ 1 900
Max Torque – Nm @ r/min	810 @ 1 200 - 1 600	1 100 @ 1 200 - 1 600	1 100 @ 1 200 - 1 600	1 100 @ 1 200 - 1 600	1 100 @ 1 200 - 1 600	1 100 @ 1 200 - 1 600	1 850 @ 1 100
GEARBOX							
Make / Model	M-Benz G85-6/6.7	M-Benz G131-9/14.57	M-Benz G131-9/14.57	M-Benz G131-9/14.57	Allison 3000P	M-Benz G131-9/14.57	M-Benz G211-12/14.93
No of Forward Gears	6	9	9	9	6	9	12
High / Low Ratios	6.7:1 / 0.73:1	9.478:1 / 1:1	9.478:1 / 1:1	9.478:1 / 1:1	3.59:1 / 0.69:1	9.478:1 / 1:1	14.94:1 / 1:1
Synchromesh or Constantmesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Automatic	Synchromesh	Constantmesh
REAR AXLE RATIO							
	6.000:1	4.300:1	4.333:1	4.333:1	5.222:1	4.833:1	3.077:1
AUXILIARY							
	Engine Brake	Engine Brake	Engine Brake	Engine Brake	Engine Brake	Engine Brake	Engine Brake
STANDARD TYRE EQUIPMENT							
Size and Ply Rating	315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5
Radial or Crossply	Radial	Radial	Radial	Radial	Radial	Radial	Radial



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Axor 1840LS/36 4x2 T/T	Axor 2535LS/39 6x2 T/T	Axor 3335S/33 6x4 T/T	Axor 3340S/33 6x4 T/T	Axor 3335/45 6x4 F/C	Axor 3340/45 6x4 F/C	Axor 3335K/36 6x4 Tip	Axor 3535K/51 HYP 8x4 Tip / Mix	Axor 3535K/51 HUB 8x4 Tip
5 815	6 415	6 815	6 815	9 455	9 455	7 405	9 055	8 790
2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 507
3 523	3 209	3 279	3 291	3 279	3 279	3 270	3 318	3 338
1 440	1 440	1 440	1 440	1 440	1 440	1 440	1 440	1 440
770	1 050	720	720	1 900	1 900	750	900	900
3 600	3 225	3 975	3 975	5 175	5 175	4 275	4 925	4 925
2 396	2 461	2 024	2 393	2 024	2 024	1 845	1 827	1 827
2 660	2 168	3 391	3 035	4 587	4 587	3 866	4 924	4 924
7.45	7.75	8.05	8.05	10.5	10.5	8.45	10.75	10.75
18 000	25 000	33 000	33 000	33 000	33 000	33 000	35 000	35 000
44 000	50 000	65 000	65 000	65 000	65 000	65 000	40 000	65 000
7 500	7 100	7 500	7 500	7 500	7 500	7 500	15 400	15 000
11 500	18 600	26 000	26 000	26 000	26 000	26 000	20 000	20 000
16 500	23 100	25 500	25 500	25 500	25 500	25 500	33 400	33 000
7 500	7 100	7 500	7 500	7 500	7 500	7 500	15 400	15 000
9 000	16 000	18 000	18 000	18 000	18 000	18 000	18 000	18 000
4 820	4 317	4 670	4 840	4 485	4 550	4 789	6 682	6 780
2 026	3 390	3 960	4 004	4 530	4 560	4 342	3 000	3 760
6 846	7 707	8 630	8 844	9 015	9 110	9 130	9 681	10 155
44 000	45 000	62 400	65 000	65 000	65 000	62 400	40 000	62 400
M-Benz OM 457 LA	M-Benz OM 457 LA	M-Benz OM 457 LA	M-Benz OM 457 LA	M-Benz OM 457 LA	M-Benz OM 457 LA	M-Benz OM 457 LA	M-Benz OM 457 LA	M-Benz OM 457 LA
6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel	6-in-line Diesel
11 967	11 967	11 967	11 967	11 967	11 967	11 967	11 967	11 967
295 (401) @ 1 900	260 (354) @ 1 900	260 (354) @ 1 900	295 (401) @ 1 900	260 (354) @ 1 900	295 (401) @ 1 900	260 (354) @ 1 900	260 (354) @ 1 900	260 (354) @ 1 900
2 000 @ 1 100	1 850 @ 1 100	1 850 @ 1 100	2 000 @ 1 100	1 850 @ 1 100	2 000 @ 1 100	1 850 @ 1 100	1 850 @ 1 100	1 850 @ 1 100
M-Benz G211-12/14.93	M-Benz G211-12/14.93	M-Benz G240-16/11.72	M-Benz G330-12/11.94	M-Benz G240-16/11.72	M-Benz G330-12/11.94	M-Benz G240-16/11.72	M-Benz G221-9/10.19	M-Benz G210-16/14.19
12	12	16	12	16	12	16	9	16
14.941 / 11	14.941 / 11	11.721 / 0.69:1	11.641/0.78:1	11.721 / 0.69:1	11.641/0.78:1	11.721 / 0.69:1	10.19:1 / 11	14.19:1 / 11
Constantmesh	Constantmesh	Synchromesh	Constantmesh	Synchromesh	Constantmesh	Synchromesh	Synchromesh	Synchromesh
3.077:1	3.077:1	4.571:1	4.143:1	4.833:1	4.833:1	5.333:1	3.583:1	4.333:1
Engine Brake + Retarder	Engine Brake	Engine Brake	Engine Brake + Retarder	Engine Brake	Engine Brake + Retarder	Engine Brake	Engine Brake	Engine Brake
315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial



MERCEDES-BENZ SPECIFICATIONS

Model	Actros 1844LS/36 DD 4x2 T/T	Actros 2641LS/33 DD 6x4 T/T	Actros 2646LS/33 DD 6x4 T/T	Actros 2654LS/33 DD 6x4 T/T	Actros 2658LS/33 HYP	Actros 2036S/36 4x2 T/T	Actros 3344S/33 6x4 T/T
DIMENSIONS (mm)							
Overall Length	5 815	6 865	6 865	6 865	6 865	6 015	6 825
Overall Width	2 500	2 500	2 500	2 500	2 500	2 490	2 490
Overall Height	3 448	3 483	3 483	3 483	3 753	3 245	3 302
Front Overhang	1 440	1 440	1 440	1 440	1 440	1 440	1 440
Rear Overhang	770	770	770	770	770	970	720
Wheelbase	3 600	3 975	3 975	3 975	3 975	3 600	3 975
Bumper to Back of Cab	2 310	2 310	2 310	2 310	2 310	2 095	2 310
Back of Cab to Centre Rear Axle	2 730	3 105	3 105	3 105	3 105	2 945	3 105
Turning Radius (m)	7,6	8,0	8,0	8,0	8,0	7,45	8,0
MASS DATA (kg)							
Manufacturer's Gross Vehicle Mass	18 000	27 500	27 500	27 500	27 500	20 000	33 000
Manufacturer's Gross Combination Mass	44 000	65 000	65 000	65 000	65 000	44 000	75 000
Manufacturer's Front Axle Mass	7 500	7 500	7 500	7 500	8 000	7 500	7 500
Manufacturer's Rear Axle Mass	11 500	20 000	20 000	20 000	20 000	13 000	26 000
Permissible Maximum Vehicle Mass	16 500	25 500	25 500	25 500	25 700	16 500	25 500
Permissible Maximum Front Axle Mass	7 500	7 500	7 500	7 500	7 700	7 500	7 500
Permissible Maximum Rear Axle Mass	9 000	18 000	18 000	18 000	18 000	9 000	18 000
Unladen Front Axle Mass	4 885	4 793	4 885	5 111	5 559	4 770	4 980
Unladen Rear Axle Mass	1 745	3 346	3 358	3 374	3 380	2 070	3 795
Total Unladen Mass	6 630	8 140	8 243	8 485	8 939	6 840	8 775
Permissible Max Drawing Vehicle Mass	44 000	65 000	65 000	65 000	65 000	44 000	75 000
ENGINE							
Make / Model	M-Benz OM 501 LA	M-Benz OM 501 LA	M-Benz OM 501 LA	M-Benz OM 502 LA	M-Benz OM 502 LA	M-Benz OM 501 LA	M-Benz OM 501 LA
Configuration	V6 Diesel	V6 Diesel	V6 Diesel	V8 Diesel	V8 Diesel	V6 Diesel	V6 Diesel
Capacity (cm ³)	11 946	11 946	11 946	15 928	15 928	11 946	11 946
Max Power – kW (hp) @ r/min	320 (435) @ 1 800	300 (408) @ 1 800	335 (450) @ 1 800	395 (537) @ 1 800	425 (580) @ 1 800	265 (360) @ 1 800	320 (435) @ 1 800
Max Torque – Nm @ r/min	2 200 @ 1 080	2 000 @ 1 080	2 200 @ 1 080	2 500 @ 1 080	2 700 @ 1 800	1 850 @ 1 080	2 100 @ 1 080
GEARBOX							
Make / Model	Mercedes Powershift G211-12/14.93	Mercedes Powershift G281-12/14.93	Mercedes Powershift G281-12/14.93	Mercedes Powershift G281-12/14.93	Mercedes Powershift G330-12/11.64	Mercedes Powershift G330-12/11.64	Mercedes Powershift G330-12/11.64
No of Forward Gears	12	12	12	12	12	12	12
High / Low Ratios	14,93:1 / 1:1	14,93:1 / 1:1	14,91:1 / 1:1	14,93:1 / 1:1	11,64:1 / 0,78:1	11,64:1 / 0,78:1	11,64:1 / 0,78:1
Synchromesh or Constantmesh	Constantmesh	Constantmesh	Constantmesh	Constantmesh	Constantmesh	Constantmesh	Constantmesh
REAR AXLE RATIO							
	2,846:1	3,077:1	3,077:1	3,077:1	3,583:1	4,143:1	4,143:1
AUXILIARY							
	Engine Brake + Retarder	Engine brake + Retarder	Engine Brake + Retarder	Engine Brake + Retarder	Engine brake + Retarder	Engine Brake	Engine Brake + Retarder
STANDARD TYRE EQUIPMENT							
Size and Ply Rating	315/80 R22.5	315/80 R22.5	315/80 R22.5	315/80 R22.5	385/65 R22.5	315/80 R22.5	315/80 R22.5
Radial or Crossply	Radial	Radial	Radial	Radial	Radial	Radial	Radial



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Actros 3350S/33 6x4 T/T	Actros 3550S/33 6x4 T/T (AV)	Actros 2654L/45 6x4 F/C HYP	Actros 3332/45 6x4 F/C	Actros 3344/45 6x4 F/C	Actros 3350/45 6x4 F/C	Actros 4144K/51 8x4 Tipper / Mixer	Actros 1832A/45 4x4 F/C	Actros 3344A/45 6x6 F/C (SWA)
6 825	6 825	9 190	9 455	9 190	9 190	9 055	8 555	9 455
2 490	2 495	2 489	2 500	2 489	2 489	2 506	2 522	2 522
3 302	3 587	3 215	3 302	3 302	3 302	3 319	3 421	3 364
1 440	1 440	1 440	1 440	1 440	1 440	1 440	1 510	1 510
770	720	1 900	1 900	1 900	1 900	900	2 350	1 850
3 975	3 975	5 175	5 175	5 175	5 175	4 925	4 500	5 105
2 310	2 310	2 095	2 095	2 095	2 095	2 389	2 095	2 314
3 105	3 035	4 520	4 520	4 520	4 520	4 824	3 845	4 301
8,0	8,0	9,9	9,9	9,9	9,9	10,75	9 750	11,75
33 000	35 000	27 500	33 000	33 000	33 000	41 000	18 000	27 000
75 000	120 000	65 000	65 000	65 000	65 000	65 000	45 000	65 000
7 500	9 000	7 500	7 500	7 500	7 500	15 000	9 000	9 000
26 000	26 000	20 000	26 000	26 000	26 000	26 000	9 000	18 000
25 500	25 700	25 500	25 500	25 500	25 500	33 000	15 700	23 700
7 500	7 700	7 500	7 500	7 500	7 500	15 000	7 700	7 700
18 000	18 000	18 000	18 000	18 000	18 000	18 000	9 000	16 000
5 187	5 350	4 865	4 553	4 685	4 926	6 730	5 288	5 510
3 808	3 860	3 645	4 549	4 240	4 183	3 470	2 688	4 380
8 995	9 210	8 510	9 102	8 925	9 064	10 200	7 976	9 890
75 000	88 800	65 000	56 400	65 000	65 000	65 000	37 000	65 000
M-Benz OM 502 LA V8 Diesel	M-Benz OM 502 LA V8 Diesel	M-Benz OM 502 LA V8 Diesel	M-Benz OM 501 LA V6 Diesel	M-Benz OM 501 LA V6 Diesel	M-Benz OM 502 LA V8 Diesel	M-Benz OM 501 LA V6 Diesel	M-Benz OM 501 LA V6 Diesel	M-Benz OM 501 LA V6 Diesel
15 928	15 928	15 928	11 946	11 946	15 928	11 946	11 945	11 946
370 (503) @ 1 800	370 (503) @ 1 800	395 (537) @ 1 800	235 (320) @ 1 800	320 (435) @ 1 800	370 (503) @ 1 800	320 (435) @ 1 800	235 (320) @ 1 800	320 (435) @ 1 800
2 400 @ 1 080	2 400 @ 1 080	2 400 @ 1 080	1 650 @ 1 080	2 100 @ 1 080	2 400 @ 1 080	2 100 @ 1 080	1 650 @ 1 080	2 100 @ 1 080
Mercedes Powershift G330-12/11.64 12	Mercedes Powershift G280-16/11.72 16	Mercedes Powershift G330-12/11.64 12	Mercedes Powershift G330-12/11.64 12	Mercedes Powershift G330-12/11.64 12	Mercedes Powershift G330-12/11.64 12	M-Benz Telligentshift G240-16/11.72 16	Mercedes Telligentshift G210-16/14 2 16	M-Benz Telligentshift G240-16/11.72 16
11.641 / 0.78:1 Contstantmesh	11.72:1 / 0.69:1 Contstantmesh	11.641 / 0.78:1 Contstantmesh	11.641 / 0.78:1 Contstantmesh	11.641 / 0.78:1 Contstantmesh	11.641 / 0.78:1 Contstantmesh	11.72:1 / 0.69:1 Synchromesh	14.2:1 - 0.83:1 Constantmesh	11.72:1 / 0.69:1 Synchromesh
4.143:1	4.833:1	3.583:1	4.333:1	4.333:1	4.333:1	5.333:1	5.333:1	5.333:1
Engine Brake + Retarder	Engine Brake + Retarder	Engine Brake + Retarder	Engine Brake + Retarder	Engine Brake + Retarder	Engine Brake + Retarder	Engine Brake	Engine Brake	Engine Brake
315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	315/80 R22.5 Radial	365/85 R20 Radial	14 R20 Radial



MERCEDES-BENZ SPECIFICATIONS

Model	U4000 Single Cab U4000 4x4	U4000 Crew Cab U4000 4x4	U5000 Single Cab U5000 4x4	U5000 Crew Cab U5000 4x4
DIMENSIONS (mm)				
Overall Length	6 010	6 010	6 010	6 010
Overall Width	2 300	2 300	2 368	2 368
Overall Height	2 775	2 775	3 071	3 071
Front Overhang	1 050	1 050	1 050	1 050
Rear Overhang	1 110	1 110	1 110	1 110
Wheelbase	3 850	3 850	3 850	3 850
Bumper to Back of Cab	3 530	3 530	3 530	3 530
Back of Cab to Centre Rear Axle	2 480	2 480	2 480	2 480
Turning Radius (m)	14,5	14,5	16,3	16,3
MASS DATA (kg)				
Manufacturer's Gross Vehicle Mass	7 500	7 500	12 500	12 500
Manufacturer's Gross Combination Mass	25 500	25 500	32 000	32 000
Manufacturer's Front Axle Mass	4 000	4 000	5 500	5 500
Manufacturer's Rear Axle Mass	4 400	4 400	7 100	7 100
Permissible Maximum Vehicle Mass	7 500	7 500	12 500	12 500
Permissible Maximum Front Axle Mass	4 000	4 000	5 500	5 500
Permissible Maximum Rear Axle Mass	4 400	4 400	7 100	7 100
Unladen Front Axle Mass	3 310	3 310	3 550	3 550
Unladen Rear Axle Mass	1 650	1 650	1 800	1 800
Total Unladen Mass	4 960	4 960	5 350	5 350
Permissible Max Drawing Vehicle Mass	25 500	25 500	32 000	32 000
ENGINE				
Make / Model	M-Benz OM 924 LA	M-Benz OM 924 LA	M-Benz OM 924 LA	M-Benz OM 924 LA
Configuration	4-in-line Diesel	4-in-line Diesel	4-in-line Diesel	4-in-line Diesel
Capacity (cm ³)	4 801	4 801	4 801	4 801
Max Power - kW (hp) @ r/min	160 (218) @ 2 200	160 (218) @ 2 200	160 (218) @ 2 200	160 (218) @ 2 200
Max Torque - Nm @ r/min	810 @ 1 200 - 1 600	810 @ 1 200 - 1 600	810 @ 1 200 - 1 600	810 @ 1 200 - 1 600
GEARBOX				
Make / Model	M-Benz UG 100	M-Benz UG 100	M-Benz UG 100	M-Benz UG 100
No of Forward Gears	8 forward / 6 reverse	8 forward / 6 reverse	8 forward / 6 reverse	8 forward / 6 reverse
High / Low Ratios	9.57:1 / 0.73:1	9.57:1 / 0.73:1	9.57:1 / 0.73:1	9.57:1 / 0.73:1
Synchromesh or Constantmesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh
REAR AXLE RATIO				
	6.94:1	6.94:1	6.94:1	6.94:1
Auxiliary	Engine Brake	Engine Brake	Engine Brake	Engine Brake
STANDARD TYRE EQUIPMENT				
Size and Ply Rating	365/80 R20	365/80 R20	365/85 R20	365/85 R20
Radial or Crossply	Radial	Radial	Radial	Radial



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