

AROCS.

The most important technical data at a glance.



Even more detailed information on the vehicle concepts, features and technical data:
defence.mercedes-benz-trucks.com

Type	4x2	4x4	6x2	6x4	6x6
Vehicle length (mm)***	6,889	6,959	8,096	8,087	8,420
Vehicle width (mm)	2,500	2,500	2,500	2,500	2,500
Vehicle height (mm)***	3,476	3,370	3,477	3,476	3,633
Wheelbases (mm)	3,600-6,000	3,600-5,100	3,900-6,000	3,600-5,700	3,900-6,100
Ground clearance (mm)***	286	280	293	236	280
Angle of approach (°)***	22	28	15	22	27
Angle of departure (°)***	12	32	n. a.	11	n. a.
Turning circle (m) curb to curb***	15.6	16.3	18.2	18.4	20.1
Cab	S/M/L	S/M/L	S/M/L	S/M/L	S/M/L
Seats	2-6 (cab size L)	2-6 (cab size L)	2-6 (cab size L)	2-6 (cab size L)	2-6 (cab size L)
Tank volume (l)	290/330/390/500	290-500	290-630	290-630	290-630
Max. power according to DIN kW (hp)	175 (238)-460 (625)	175 (238)-390 (530)*	200 (272)-460 (625)	200 (272)-460 (625)	240 (326)-460 (625)
Max. torque (Nm)	1,100-3,000	1,000-2,330	1,100-3,000	1,100-3,000	1,700-3,000
Max. permissible gross weight (t)	18.0-22.0	16.5-22.0	25.0-37.0	26.0-36.0	26.0-41.0
Gearshift type	Powershift	Powershift	Powershift	Powershift	Powershift
Gearbox	G140-8/9.30-0.79; G211-12/14.93-1.0	G140-8/9.30-0.79; G211-12/14.93-1.0	G260-16/11.7-0.69; G230-12/11.7-0.78; G280-16/11.7-0.69; G281-12/14.93-1.0; G330-12/11.63-0.77	G260-16/11.7-0.69; G280-16/11.7-0.69; G281-12/14.93-1.0; G330-12/11.63-0.77	G 280-16/11.7-0.69; G 330-12/11.63-0.77
Transfer gearbox	-	VG 1600-3W (permanent); VG 3000-3W (engageable)	-	-	VG 2800-3W/1.45-1.04 (permanent); VG 3000-3W/1.04 (engageable)
Cylinders	6	6	6	6	6
Engine (Displacement (dm ³))	OM936 (7.7); OM470 (10.7); OM471 (12.8); OM460 (12.8); OM473 (15.6)	OM936 (7.7); OM470 (10.7); OM471 (12.8); OM460 (12.8)	OM936 (7.7); OM470 (10.7); OM471 (12.8); OM460 (12.8); OM473 (15.6)	OM936 (7.7); OM470 (10.7); OM471 (12.8); OM460 (12.8); OM473 (15.6)	OM470 (10.7); OM471 (12.8); OM460 (12.8); OM473 (15.6)
Tyres	single tyres/twin tyres	single tyres/twin tyres	single tyres/twin tyres	single tyres/twin tyres	single tyres/twin tyres
CTIS	-	x	-	-	x
Front axle load (min-max) (t)	7.1-10.0**	7.1-10.0**	7.1-10.0**	6.3-10.0**	7.1-10.0**
Rear axle load (min-max) (t)	11.5-13.0	9.0-13.0	2 x 7.1-13.0	2 x 9.5-10.5	2 x 9.0-16.0
Capabilities	right-hand/left-hand steering, roof hatch, weapon holder, blackout light	right-hand/left-hand steering, roof hatch, weapon holder, blackout light	right-hand/left-hand steering, weapon holder, blackout light	right-hand/left-hand steering, weapon holder, blackout light	right-hand/left-hand steering, roof hatch, weapon holder, blackout light

* depending on the engine, ** via CTT with mileage limitation, *** with M cab Classic flatbed and standard tyres (315/70 R 22.5 or 315/80 R 22.5) depending on the load and load distribution

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Type	8x2	8x4 triple	8x6	8x8
Vehicle length (mm)***	8,691	9,596	8,520	8,820
Vehicle width (mm)	2,500	2,500	2,500	2,500
Vehicle height (mm)***	3,489	3,484	3,648	3,468
Wheelbases (mm)	4,250-6,050	4,250-7,550	4,550-7,550	4,850-7,550
Ground clearance (mm)***	228	228	312	312
Angle of approach (°)***	15	18	28	28
Angle of departure (°)***	n. a.	12	21	21
Turning circle (m) curb to curb***	17.3	18.9	21.2	23.9
Cab	S/M/L	S/M/L	S/M/L	S/M/L
Seats	2-6 (cab size L)	2-6 (cab size L)	2-6 (cab size L)	2-6 (cab size L)
Tank volume (l)	290-630	290-630	260-540	290-570
Max. power according to DIN kW (hp)	240 (326)-390 (530)	265 (300)-460 (625)	240 (326)-425 (578)	240 (326)-460 (625)
Max. torque (Nm)	1,700-2,600	1,800-3,000	1,700-2,800	1,700-3,000
Max. permissible gross weight (t)	32.0-40.0	32.0-37.0	32.0-48.0	32.0-48.0
Gearshift type	Powershift	Powershift	Powershift	Powershift
Gearbox	G 230-12/11.7-0.78; G 280-16/11.7-0.69; G 281-12/14.93-1.0; G 330-12/11.63-0.77	G 280-16/11.7-0.69; G 330-12/11.63-0.77	G 230-12/11.7-0.78; G 260-16/11.7-0.69; G 280-16/11.7-0.69	G 260-16/11.7-0.69; G 280-16/11.7-0.69; G 330-12/11.63-0.77
Transfer gearbox	-	-	VG 2800-3W/1.45-1.04 (permanent); VG 3000-3W/1.04 (engageable)	VG 2800-3W/1.45-1.04 (permanent)
Cylinders	6	6	6	6
Engine (Displacement (dm ³))	OM470 (10.7); OM471 (12.8)	OM470 (10.7); OM471 (12.8); OM460 (12.8); OM473 (15.6)	OM470 (10.7); OM471 (12.8); OM473 (15.6)	OM470 (10.7); OM471 (12.8); OM460 (12.8); OM473 (15.6)
Tyres	single tyres/twin tyres	single tyres/twin tyres	single tyres/twin tyres	single tyres/twin tyres
CTIS	-	-	-	x
Front axle load (min-max) (t)	2 x 7.5-10.0**	2 x 6.3-10.0**	2 x 7.5-10.0**	2 x 7.5-10.0**
Rear axle load (min-max) (t)	2 x 7.5-13.0	2 x 9.0-13.0	9.0-16.0	9.0-16.0
Capabilities	right-hand/left-hand steering, weapon holder, blackout light	right-hand/left-hand steering, weapon holder, blackout light	right-hand/left-hand steering, roof hatch, weapon holder, blackout light	right-hand/left-hand steering, roof hatch, weapon holder, blackout light

* depending on the engine, ** via CTT with mileage limitation, *** with M cab Classic flatbed and standard tyres (315/70 R 22.5 or 315/80 R 22.5) depending on the load and load distribution