

Mercedes-Benz Unimog

Technical data – U 4000 / U 5000 4x4

Unimog	Unimog U 4000	Unimog U 5000
Engine	OM 904 LA Euro 5 U4000	OM 926 LA Euro 5 U5000
No. and arrangement of cylinders	4, inline, upright	4, inline, upright
kW (hp)	130 (177)	160 (218)
At engine speed	2,200 rpm	2,200 rpm
Max. torque	675 Nm (kpm)	810 Nm (kpm)
At engine speed	1,200 – 1,600 rpm	1,200 – 1,600 rpm
Displacement	4,250 cm ³	4,800 cm ³
Fuel tank capacity	145 l	145 l
Electrical system 24 V		
Alternator (reinforced)	28 V, 80 A (28 V, 100 A)	28 V, 80 A (28 V, 100 A)
Battery capacity (increased)	2 x12 V, each 66 Ah (2 x12 V, each 125 Ah)	2 x12 V, each 66 Ah (2 x12 V, each 125 Ah)
Driving speeds	ca. 102 km/h (optional)	ca. 110 km/h (optional)
Axles and suspension	ratio 6.53	ratio 6.94
Tires		
Basic execution (optional)	12.5 R20 (a) 335 / 80R 20 (b) 365 / 80 R20	14.5 R20 (a) 335 / 80 R20 (b) 365 / 85 R20
Wheelbase 3250/3850	405 / 70 R20	405 / 70 R20
Weights		
Standard version GVW, max.	8.5 t	12.5 t
FA load, max.	4.0 t	5.5 t
RA load, max.	4.6 t	7.5 t
Empty weight chassis	4.1 – 4.6 t	4.8 – 5.3 t

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Transmission	Fully synchronised MB 8-speed Electrical Pneumatic Shifting (EPS) gear box with integrated transfer box and pneumatically engageable 4-wheel-drive. Emergency mode to select gears pneumatically. Electronic speed limiter/cruise control. 6 gears are reversible. Working gears are optional. Synchronised forward/reverse shifting mode. Electronic Automated Shifting (EAS) optional.
Chassis frame	Extremely torque-resistant ladder-type frame consisting of 2 U-shaped longitudinal members and tubular cross members.
Trailer couplings (optional)	Front: towing eye, integrated in bumper. Rear (optional): trailer coupling, automatic with jaw or hook-type (NATO standard).
Fording capability	Basic vehicle 800 mm. Fording device (optional 1,195 mm)
Brakes	Service brake: Pneumatic-hydraulic twin circuit disc brakes with 4-channel ABS (disengageable). Automatic load responsive brake system (ALB). Parking brake: Spring brake system acting on the rear wheel brake discs. Four wheel parking brake (optional). Engine brake: Actuated pneumatically by a lever positioned on the steering column; 2 stage, with exhaust flap and constant throttle.
Steering	Hydraulic power-assisted steering Turning circle ø: (a) at wheelbase 3,250 mm approx. 14.5 m (b) at wheelbase 3,850 mm approx. 16.3 m
Platform	Recommended body length: (a) at wheelbase 3,250 mm = approx. 3,250 mm (b) at wheelbase 3,850 mm = approx. 4,100 mm
Diagnosis	Onboard diagnosis system available