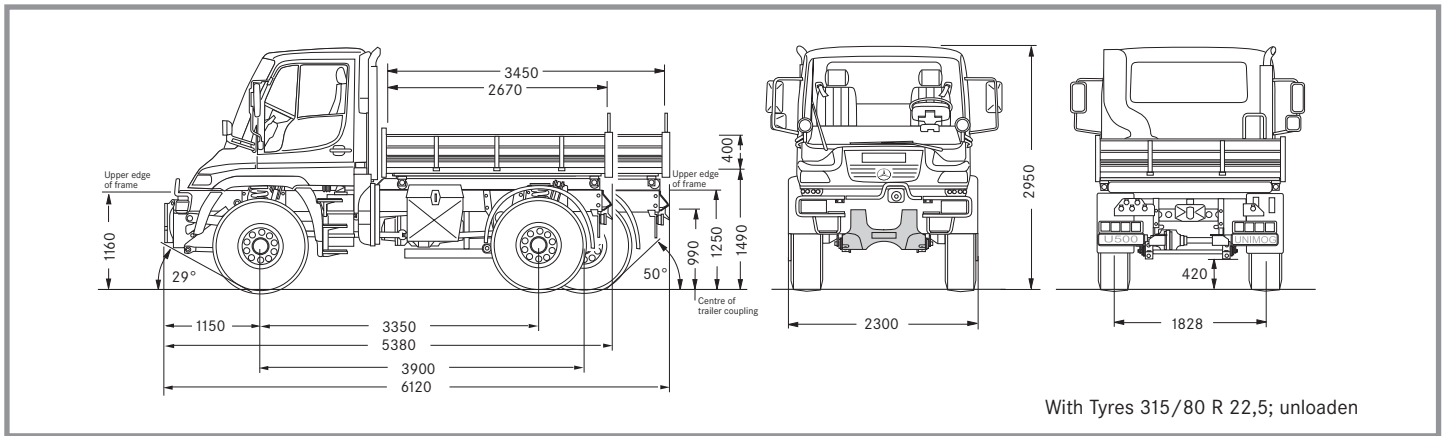


Unimog U 500

Technical Data



With Tyres 315/80 R 22,5; unladen

Engine

- Emission class Euro 3
- Type (LA = turbocharger with intercooler) OM 906 LA
- No. and arrangement of cylinders (upright inline) 6
- Working method: Diesel-direct injection turbo charged/intercharged 4 -stroke
- Power output kW/(hp)

	Standard	Optional
	170/(231)	205/(279)
- Max. torque Nm 810
- At rated speed rpm 2200
- Total displacement cm³ 6374
- Coolant – water with thermostat Hydrostatic fan
- Exhaust brake 2-step for head cylinder valve and throttle valve in exhaust stream
- Compressor 300 l/min. at 18 bar
- Fuel tank liters 200

Transmissions

- MB-All synchromesh reversing transmission, 8 gears forward and 6 gears reverse, single-disc dry clutch
- Permanent all-wheel drive with lockable interaxle differential
- Telligent[®] shifting (Elec.-Pneumatic Shifting/EPS)
- Cruise control/Speed limiter

Axles:

- Portal axles, i = 6,38; helical springs, telescopic shock absorbers, stabilizers on front and rear axle
- Differential locks on rear axle, engageable elec. pneumatically while in motion
- Helical springs with progressive characteristic line

Frame

Straight ladder shaped frame with transverse bolted u-channel and welded transverse tubular cross member, rigid design

Brake:

- Dual circuit brake system, high pressure, spring loaded parking brake
- Antilock Brake System (ABS)
- Autom. Load responsive Brake system (ALB)
- Compressed air connection for aux. use
- Tire inflation connection
- Disc brakes on both axles

Steering

Hydraulic power steering; type: LS 6

Electrical System:

24 Volt

- Alternator 2 240 W, 28 V, 80 A
- Starter output 4 kW
- Battery 135 Ah (2 x 12 V, inline)
- Trailer socket rear 15-pin
- Constant current plug 24 V

Cab

- Type: Multi-shelled cab made of fiber compounded materials. Built on steel frame, which is mounted, shock absorbingly, to the chassis.
- Doors: 2 side doors made of fiber compounded materials with integrated arm-rests, storage compartments and bottle holders. 2 deep view panorama windows and manual windows.
- Glazing: Front windshield made of laminated glass, deep windows for optimal view onto front implements. Large rear window for excellent visibility onto the rear mounting areas.
- Driver's seat: Contoured seat with head rest, height, reach, tilt and seat back adjustable. Integrated 3-point safety belt. Storage for personal items behind driver's seat.
- Passenger's seat: Same as driver's seat, with integrated 3-point-safety belt and head rest.

Rear view mirrors:

Diagnostic plug behind passenger seat.
2 foldable, electrically adjustable and heatable exterior rear view mirrors.

Storage possibilities:
Heating and A/C:

Wide angle rear view mirror and ramp angle rear view mirror
Storage box on rear cab wall under dashboard, right.
3-setting blower fan, A/C (standard), dust-free ventilation, air recycling.

Instruments:

- Elec. controls located in centre console
- Adjustable dash board illumination
- Multi-combination lever
 - steering column, right: hand throttle, cruise control, speed limiter and exhaust brake
 - steering column, left: headlight beams, blinker, windshield wash/wipers, horn
- Large instrument panel LCD-displays, driver information system
Multi-Function-Display (MFD)
Driver-Information-System (DIS)

Tyres:

4 tyres, 315/80 R22,5, all-purpose, rim 22,5 x 9,00

Weights

Basic execution			
Gross vehicle weight	kg		14000
Permissible front axle loads	kg		7200
Permissible rear axle loads	kg		7200
Maximum permissible loads with implements or permanent mountings:			
Gross vehicle weight	kg		16000
Permissible front axle loads	kg		7500
Permissible rear axle loads	kg		to 9500



Mercedes-Benz