

A real worker for the building site.



The Unimog for the construction industry.

Mercedes-Benz
Trucks you can trust



It's more than capable.

Building roads, constructing canals and waterways, earth boring and other special tasks. In the construction industry, the robust Unimog can really unfold its strengths. The specialist implement carrier is a professional in its domain and impresses with its versatility. With three attachment areas, powerful implement drives, high payloads and a panoramic cab, it's ready to work anywhere power is a must. The combination of off-road workhorse and motorway-capable truck make it a particularly efficient choice: it doesn't just have the advantages of a work machine, it's also a great tractor unit. And it gets both economically and rapidly to where it needs to be by ensuring traction even in places where the roads stop. Compact, powerful and efficient: a true builder which grows with its tasks.

MOVES.

Mounting area at the front with front attachment plate (size 3 or 5), front PTO shaft, load-sensing hydraulics (4-cell), for example for front sweeper, vibratory compactor or verge cutter.



CARRIES.

Platform mounting area with floor assembly for attaching to ball points e.g. for a water/bitumen container or 3-sided tipper. With engine-driven and transmission-driven power take-offs ex factory.

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A WHOLE IN ONE.

- + Modern panoramic cab for optimal view of the work area, additionally available with up to 3 cameras (front, rear and implement camera) ex factory
- + Compact exterior dimensions: vehicle width starting at 2.20 m, small turning circle starting at 12.60 m
- + VarioPilot®: steering and seating position can be moved from left to right, depending on the task at hand
- + High axle loads e.g. for heavy front-mounted implements
- + Up to 4 hydraulic circuits with load sensing and VarioPower® power hydraulics
- + Suitable for off-road and motorway use: permanent all-wheel drive, single tyres and differential locks as standard, up to 90 km/h road speed
- + 4- and 6-cylinder common rail engines (Euro 6) ranging from 156 to 300 hp (115 to 220 kW)
- + Transmission with up to 24 forwards and 22 reverse gears: clutch-free driving with AutomaticShift, continuously variable speeds from 0–50 km/h thanks to EasyDrive hydrostatic traction drive

PULLS.

Mounting area at the rear: for towing capacity of up to 40 t gross combination weight (e.g. when transporting an excavator on a low-loader) or 24 t with a 3 t drawbar load (e.g. for dump trucks). With rear PTO shaft (hydraulic or mechanical), height-adjustable Scharmüller 80 trailer ball coupling and rear power lift in various versions available.

From one site to the next.

For all those who constantly expect more.

As a professional universal implement carrier, the Unimog will always morph into the work machine you current require. It combines its typical power, manoeuvrability, robustness and reliability with well thought-out details and innovations. But that's not all: it is just as suited as a powerful tractor unit or as a crane vehicle. And in the winter months, it can be occupied with snow-clearing and gritting operations.

“The Unimog allows me to use the vehicle optimally all year round and to make full use of the four mounting areas. It can do winter service work or road-sweeping, and can even offering a hand on all sorts of building sites. I can therefore position myself more broadly than the competition.”

Achim Rosinsky, Managing Director of Rosinsky Dienstleistungs GmbH



A powerful tractor unit.

The Unimog quickly and efficiently gets where it needs to be despite offering a high towing capacity. With its compact dimensions, it is well-suited as a tractor unit for transporting low-loaders or trailers. Thanks, for example, to its overall combination length, it offers advantages when manoeuvring as well as in relation to legal restrictions imposed on some heavy-goods vehicles on certain days of the week in some regions.

Bonding agent sprayer body for road construction.

The front-mounted sweeper ensures the road is clean before the bonding agent is used. Good visibility of the working areas is ensured by the panoramic cab, whilst the VarioPilot® transferable steering or powerful working hydraulics allow operations to be carried out up to high speeds, even in reverse: the Unimog offers excellent working conditions.



Road building.

Simultaneously completing three tasks both precisely and economically: nothing out of the ordinary for the Unimog. For example, for use as a compact works unit with water tank on the platform, front-mounted grader and a rear-mounted ripper.



Maintenance and construction of waterways.

Get everything done with a single vehicle: in road construction and the maintenance of waterways, the Unimog with roadway cutter, front-mounted levelling blade and vibratory compactor demonstrates just how flexible its range of uses really is.



With a crane or as a crane vehicle.

A lot rests on the Unimog: when used as a crane, despite its compact dimensions, it offers an impressive reach as well as stability, power and precision. The implement carrier can reach the site at speeds of up to 90 km/h – even with a heavy trailer. That said, it maintains its manoeuvrability and off-road capabilities, while still being gentle to the ground on which it drives.



Operation and ergonomics.

Simple, intuitive, comfortable.

The Unimog also impresses with its ergonomics and its operating concept. Including, among other things, the adjustable multifunction steering wheel, the joystick for operating work and driving functions, or even the heating and climate control system. Every control is where it should be. And thanks to the panoramic cab and optional camera monitor system featuring front, rear and freely positionable implement camera, you always have everything in view, even if you are working with several implements.

WORK SPACE.



SEE MORE.



The entire driving and working areas in view:

a huge field of vision, a minimal blind spot – the panoramic cab ensures a great view of the working implements and thus effectively helps prevent accidents. This brings about added safety particularly in situations where visibility is reduced.

EASY DOES IT.



Sensitive yet powerful: the new multifunction joystick. For rapid, efficient working and complete control.

Model overview and technical data.

Model	U 216/U 218	U 318	U 423	U 427 U 430	U 527 U 530
Engine output	115 130 kW 156 177 hp	130 kW 177 hp	170 kW 231 hp	200 220 kW 272 299 hp	200 220 kW 272 299 hp
Torque (Nm)	650 750	750	900	1100 1200	1100 1200
Max. perm. gross weight	10.0 t	11.0 t	13.8 t	14.0 t	16.5 t
Perm. axle loads (FA)	5.2 t	5.5 t	6.9 t	7.0 t	7.5 t
Perm. axle loads (RA)	5.5 t	5.5 t	7.8 t	8.0 t	9.5 t
Wheelbase (mm)	2800	3000	3000	3150	3350
Dimensions (mm, L x H x W)	4980 x 2855 x 2200	5155 x 2845 x 2200	5150 x 2900 x 2200	5300 x 2900 x 2200	5440 x 2900 x 2300
Turning circle (m)	12.6	13.7	13.7	14.3	15.1
Ground clearance* (mm)	347	337	431	431	446
Tyres (smallest)	295/60 R 22.5	295/60 R 22.5	315/80 R 22.5	315/80 R 22.5	365/85 R 20
Tyres (biggest)	425/75 R 20	425/75 R 20	445/70 R 24	445/70 R 24	495/70 R 24
Driving speed	90 km/h	90 km/h	90 km/h	90 km/h	90 km/h

*With biggest tyres

Contact and more.

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MERCEDES-BENZ SERVICE

If you need us, we're there for you – straight away. And with the optionally available warranty extension of up to five years as well as individual service contracts, you will be more mobile than ever before.

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UNIMOG E-NEWS

Register once and stay informed: Unimog E-News delivers valuable background information, testimonies and news about your new construction site colleague.

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FINANCING AND LEASING

The Mercedes-Benz Bank and Unimog partners offer you tailor-made solutions which correspond exactly to your requirements.

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CONTACT

Want to know more? We'll happily put you in contact with our Special Trucks experts.

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