



Trade fair premiere  
InnoTrans 2018

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## The Unimog U 430 road-railer with mower combination.

- Professional implement carrier operation on rails
- Meets requirements for EN 50128 (safety-related software for railway applications)
- Optimum working speed thanks to EasyDrive (hydrostatic traction drive)
- Use of mechanical, hydraulic and electrical Unimog interfaces
- Fire detection/fire extinguishing system in engine compartment (fire protection certificate from TÜV Süd Rail)
- Wood chipper and sprayer body for vegetation control available as swap bodies



Further information is available online:  
[mbs.mercedes-benz.com/unimog-road-railer](https://mbs.mercedes-benz.com/unimog-road-railer)

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## Technical data

### Chassis

Model	Mercedes-Benz Unimog U 430
Engine	<ul style="list-style-type: none"> <li>• Output 220 kW (299 hp)</li> <li>• 6-cylinder diesel (OM 936)</li> <li>• Emissions category Euro VI</li> </ul>
Wheelbase	3150 mm
Transmission	<p>Mercedes-Benz fully synchronised quick-reverse gear unit with 8 forward and 6 reverse gears</p> <ul style="list-style-type: none"> <li>• Top road speed: 90 km/h</li> <li>• Top rail speed (technical): 50 km/h forwards and in reverse</li> </ul>
Axles/drive system	<ul style="list-style-type: none"> <li>• 4x4 permanent all-wheel drive with interaxle differential lock</li> <li>• Differential lock on front and rear axles</li> </ul>
Wheels	Track gauge for driving on rails via vehicle wheels for maximum traction

### Standard equipment

- Anti-corrosion cab made from fibre composite material, tested in accordance with ECE-R29/2
- Tilttable cab
- Panoramic windscreen
- Steering column adjustable for height and tilt
- Multifunction steering wheel
- Air conditioning system
- Heating and ventilation system with pollen filter
- Exhaust gas aftertreatment with SCR catalytic converter and diesel particulate filter
- Two-stage high-performance engine brake
- Anti-lock braking system (ABS)

### Optional equipment

- Engine PTO to the rear for driving power hydraulics
- Engine PTO incl. front PTO
- Hydraulic system, 2-circuit, 3-cell, fully proportional
- Front mounting plate DIN 76060
- Seat, swivelling, co-driver (mowing seat)
- Suspension seat, air-sprung with seat heating, driver
- Reverse gear, 7-8
- Panoramic mowing door, co-driver's side
- Hydraulic interface for rail gear
- VarioPower® power hydraulics, open circuit, 125 rpm, 280 bar
- Tyre pressure control system
- Weight variant 13.8 t

### Attachments and bodies

- ZAGRO rail gear and rail technology
- Software in acc. with EN 50128
- Automatic safety device (dead man's button)
- MULAG rear boom mower, type ME 700 DB
- Digital height limitation in acc. with EN 50128 (safety-related software for railway applications)
- 7.2 m reach from centre of vehicle
- Equipped with brushwood shredding rotor head and clearance cutter attachment