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## The Unimog U 423 road-railer with elevating work platform for urban rail networks.

- Inspection/maintenance of overhead lines
- Towing a tram in an emergency, even on tight curve radii and steep gradients
- Shunting work in the depot
- Remote control of the vehicle from the elevating work platform via the Unimog's hydrostatic drive
- High traction resulting from the friction value between rubber and steel



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 423
Engine	<ul style="list-style-type: none"> <li>• Output 170 kW (231 hp)</li> <li>• 4-cylinder diesel (OM 934 LA)</li> <li>• Emissions category Euro VI</li> </ul>
Wheelbase	3600 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: 50 km/h forwards and in reverse (technical)</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

### Optional equipment

- Attachment brackets for heavy implement/crane bodies
- Twin co-driver's seat
- Pre-installation for radio remote control
- EasyDrive (hydrostatic drive)
- Weight variant 13.8 t
- Hydraulic system, dual-circuit, 3-cell, fully proportional
- Range-change gearbox with working group

### Standard equipment

- Anti-corrosion cab made from fibre composite material, tested in accordance with ECE-R29/2
- 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)

### Attachments and bodies

- CMAR rail gear and rail technology for urban rail networks
- Elevating work platform for 2 persons/320 kg Type 112 TM
- Working height approx. 11 m, lateral reach up to 5.8 m
- Slewing range 400°
- Remote control of the vehicle from the platform for inspection of overhead lines
- Storage compartments for tools and work materials