



Illustration similar

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

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Technical data

Chassis

| | |
|--------------------|---|
| Model | Mercedes-Benz Unimog U 423 |
| Engine | <ul style="list-style-type: none"> • Output 170 kW (231 hp) • 4-cylinder diesel (OM 934 LA) • Emissions category Euro VI |
| 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"> • Top road speed: 90 km/h • Top rail speed: 50 km/h forwards and in reverse (technical) |
| Axles/drive system | <ul style="list-style-type: none"> • 4x4 permanent all-wheel drive with interaxle differential lock • Differential lock on front and rear axles |
| 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