

Mobile warning trailers – an overview.

Mobile prewarners and warning trailers at a glance.



Safety by Berghaus





Professional traffic safety with bright LED lamps.

As manufacturer of mobile warning trailers, we offer a whole range of different warning signs for professional traffic safety in the urban setting, on country roads, federal highways and motorways.

The mobile LED prewarners made by our vehicle construction division have gone through the lighting tests as per EN 12966 and are approved as trailers for speeds up to 100km/h. Berghaus LED prewarners are already supplied ex works with a comprehensive image database. All road signs, pictograms, symbols and texts, also as running continuous text, are saved in bitmap format. These can also be produced individually by the user on the PC with the editing software included in the scope of supply. The mobile LED prewarners are operated either directly at the sign or using the optional radio remote control.

The LED warning lamps in our mobile warning trailers have also gone through the lighting tests as per EN 12352 and the trailers are approved for speeds of up to 100km/h. To give an optimum warning, our warning trailers are equipped with microprismatic highly reflective foil RA2 as a standard feature.

Further additions can be made to the standard scope of supply when the need arises. For example, a wide range of different equipment can be added to the standard types depending on the specific model and on the customer's requirements, including larger battery compartments with processor-controlled electronic battery charger, loading area with drive-on ramp and winch to take an LED prewarner, radio remote control, electric device for raising and lowering the upper section of the warning sign and further useful options.

On request we can also supply LED add-on prewarners without a trailer that can be simply placed on a flatbed vehicle. We can also supply just a kit with the warning sign for do-it-yourself installation on your own vehicle.

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Can also be pushed onto our AM 4 TL for transportation!



LED prewarner MV-LED – for active visualisation of road signs and animations

To give warning of one-day roadworks, accidents, changed road layouts and to inform of events.

- Display signs as self-contained LED systems, protection rating IP 54; lighting test as per EN 12966
- Electric lifting and lowering of the LED sign
- LED sign electromechanically locked in position when hinged down
- Easy operation directly at the prewarner or with the optional radio remote control with colour display
- Freely programmable with editing software for creating own texts, symbols and animated features
- Height-adjustable drawbar incl. exchangeable DIN eye for trucks and ball-type coupling for cars



LED prewarner TOP-LED 2 – for active overhead signs

Bright LED lamps give active warning six meters above the carriageway of approaching hazard situations.

Features as MV-LED and also:

- Large overhead LED sign in landscape format for signalling across more than just two lanes
- Stainless steel battery casing for three 12V/230Ah batteries and fully automatic battery charger
- Height-adjustable inertia system
- Voltage transformer 12/24V for automatic voltage detection, compatible with MAN-TGA and TGS
- Hot-dip galvanised chassis
- Hydraulic pump casing made of stainless steel
- Hydraulic tilt protection with 4 hydraulic outriggers
- Stability-tested to 85km/h



Mobile warning trailers AM with LED lamps – for roads without oncoming traffic

Mobile warning trailer type AM 3 TL (left):

- Complies with TL Mobile Warning Trailers 97 (as per StVO [German Road Traffic Regulations], traffic sign 616-30)
- Mounted on hot-dip galvanized trailer with loading area 1,200x1,200mm
- Aluminium tailgates
- Height-adjustable drawbar incl. exchangeable DIN eye for trucks and ball-type coupling for cars
- Covered with microprismatic highly reflective foil RA2
- 24 LED lamps Ø 200mm and 2 LED flashlights Ø 340mm, BAST-tested – DIN EN 12352
- With cable remote control as standard feature or optional radio remote control

Mobile warning trailer type AM 4 TL (right):

Features as 3 TL and also:

- Large drive-on loading area 3,520x1,850mm – ideal for transporting the LED prewarner MV-LED
- Motorised lifting of the upper section with remote control



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Products may differ from illustrations shown.
All details are approximate.