Type As-BPRG and As-BPRGW

The mobile axle load scales for commercial vehicles, approved for legal-for-trade applications

NEW

Overloading commercial vehicles poses an increased safety risk for all road users.
These mobile weighing systems are indispensable for determining the respective permissible axle load and the gross vehicle weight.
A weighing system consists of two platforms with an extremely low profile, either connected to a display unit via a 10 m cable, or wirelessly via radio to a display unit or to PC software.
Two levelling mats per platform, each 3 m long, are provided as standard.

The advantages of the As-BPRG weighing system in practice:

- **Extremely low profile**
  The low profile of just 19.5 mm guarantees easy access for trucks and other vehicles.
  There are no obstacles due to difficult-to-access ramps (because of designs with higher profiles!) and no slippage due to braking or tractive forces.
- **Ideal for axle weighing**
  The special profile reduces vibrations from the moving vehicle to a minimum, thus ensuring the best possible measurement results.
- **Reduction in influencing factors**
  Influences on the measurement results caused by the tilted position and vibrations from vehicle, as well as frictional forces, caused by chassis components such as the suspension and damping system, are significantly reduced with our As-BPRG weighing system.
  This also applies to any braking forces and all non-vertical forces.
- **Cost savings**
  Long levelling modules that are very expensive to install are not necessary:
  Regardless of the vehicle, the levelling mats supplied, which are 3 m long, are always adequate to achieve legal-for-trade measurement results. In addition, the levelling mats, which are made of metal-reinforced plastic mesh, are very easy to install and transport.
- **Low tare weight**
  The low tare weight of the platforms and two standard handles ensure easy handling when setting up, disassembling and transporting the weighing system. The ideal solution for flexible use as mobile scales.
- **Two versions available:**
  - **As-BPRG - cable version:** 10-metre cable with plug-in connection at the cable end for connection to the weighing indicator.
  - **As-BPRGW - radio version:** integrated radio transmitter in the platform for connection to the weighing indicator.
    (Optionally also with cable connection)
- **Conclusion**
  A low profile means the best legal-for-trade measurement results with easy handling and low costs!

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Technical data for the platforms:

- Extremely low profile of just 19.5 mm
- Weighing ranges: 10 or 15 t per platform
- Usable area and tare weight:

Model	Dimensions of usable area per platform	Tare weight
As-BPRG1/AS-BPRGW1	700x389 mm	24 kg
As-BPRG2/AS-BPRGW2	890x389 mm	27 kg

- Robust mechanical construction of the scales with industrial-standard aluminium alloy and sealed strain gauge sensors
- IP68 protection
- Standard levelling mats in the form of plastic mesh, length 3 m.

Optionally with cable routing to protect against damage.

- Two standard handles for easy transport
- Conformity assessed (static: class IIII)
- Suitable for legal-for-trade weighing (particularly for monitoring by the police)

Available on request:

- GESDYN software: a PC solution that both records the axle loads and checks compliance with the permissible maximum loads.

Available versions As-BPRG and As-BPRGW (order code = "As-BPRG" or "As-BPRGW" + version):

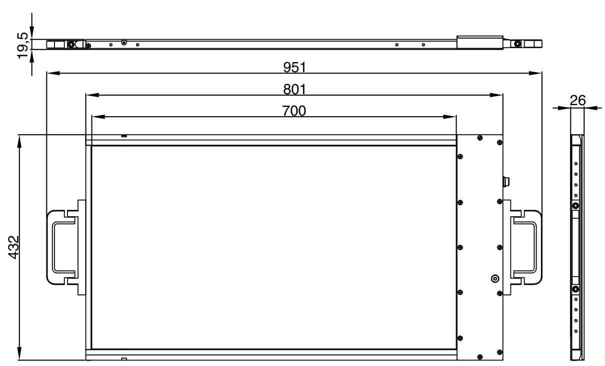
	Version	Scope of delivery	Dimensions of the usable area per platform (mm)	Weighing range per axle (kg)	Readability per platform (kg)
As-BPRG As-BPRGW	1-20T	Two platforms, four levelling mats, 3 m and weighing terminal As-WT-GKL/2, incl. adjustment and conformity assessment	700x389	20,000	50
	1-30T		700x389	30,000	50
	2-20T		890x389	20,000	50
	2-30T		890x389	30,000	50

Options:

Description
Cable routing to protect against damage
Transport box for two platforms
Positioning aid (tool for adjusting the two platforms for an optimal arrangement)

Dimensions (mm):

As-BPRG1/AS-BPRGW1



As-BPRG2/AS-BPRGW2