

Description

These flat wheel load scales provide you with a high-precision, powerful weighing system for weighing cars and motorcycles. Wheel load scales are ideally suited to mobile applications. They are easy to transport and operate on location. The scales can be accessed via ramps or embedded flush in the ground. Several wheel load scales are connected on site by cable to facilitate weighing of axle loads and the total weight of a vehicle.

Measured values can either be read on a hand-held terminal or on the PC with the aid of our wheel load scale software. Up to four wheel load scales can be connected with a hand-held terminal. The left-hand wheel load, right-hand wheel load, axle load or the overall load are displayed on the hand-held terminal, depending on the number and configuration of the scales. Each system can, of course, be tared.

Alternatively, measurement data can be viewed, stored or logged on a PC with the wheel load scale software. The data can also be exported to Microsoft Excel. The software evaluates up to 20 wheel load scales simultaneously.

Features

- | Maximum accuracy
- | Low self-weight
- | Flat design
- | Nominal loads 100 kg / 500 kg
- | Maintenance-free

Applications

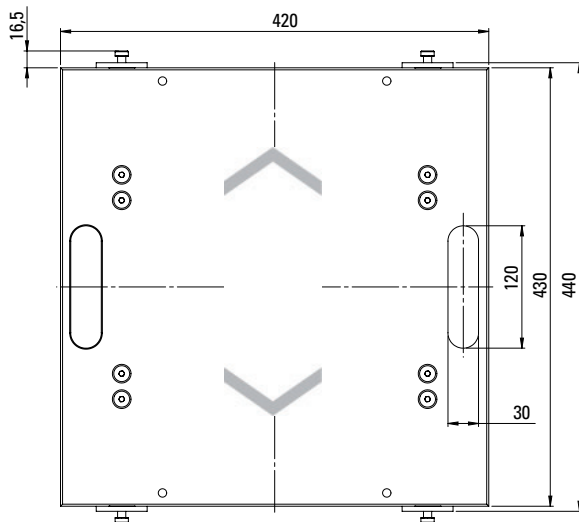
- | Car weighing
- | Car-load distribution
- | Suspension setup in motor racing sport
- | Motorcycle weighing

Technical data

Type	Nominal load	Sensitivity/ Display increments *	Accuracy	Self-weight
RW 2.0 / 100	100 kg	0.1 kg	±0.2 kg	6.5 kg
RW 2.0 / 500	500 kg	0.2 kg	±0.4 kg	6.5 kg

Overload 600 kg
Power supply Mains adapter 220 V / 12 VDC
Alternative: Portable power supply or on-board power plug 12 VDC
Operating temperature -10 °C to +50 °C
Storage temperature -30 °C to +70 °C
Degree of protection
of wheel load scales IP 65
of converter IP 40

Dimensions



Weighing surface w 420 mm x l 430 mm
Height 30 mm

Dimensions in mm

Evaluation on hand-held terminal

HT 3.4 for 2/4-plate systems
Display of wheel load, axle loads and overall load

HT 4.4 for 2/4-plate systems
Integrated printer
Display and printing of wheel load, axle loads and overall load

Evaluation on PC

RW software 2.0
(without hand terminal)
For up to 20 wheel load scales
Display of all weighing data
Compilation of a weighing report
Export to Microsoft Excel
Operating systems:
Win 2000, XP, Vista and Win 7

Accessories

Ramps Access ramps w 420 x l 150 x h 31 mm
Connection cable Length 5 m or 10 m
Wheel stop Pluggable, height 30 cm, width 400 cm