



Description

These portable and verifiable scales are designed for rapid and precision measurement of the wheel and axle loads of trucks, heavy-duty vehicles and special vehicles with pneumatic tyres. Vehicles with twin tyres can also be weighed effectively with these 60 cm wide scales. Our RWA 9.1.0E wheel load scales are available for a nominal load range up to 10,000 kg. They are approved pursuant to DIN EN 45501 in accuracy class III and released for weighing in commercial and official applications following official verification.

The loads measured can be read directly on the scale on a large LCD display. LEDs indicate five different status readings to simplify handling and ensure the accuracy of measuring results. The wheel load scale is operated using three buttons. In operations not subject to official verification, an option exists for the connection of two scales via an additional cable to facilitate weighing of axle loads.

Integrated rechargeable batteries provide the power supply for the scales. This enables mobile use of the transportable wheel load scales - independently of a mains power supply. The scales can be used on any adequately firm and level subsurface. Optional ramps facilitate driving onto these flat wheel load scales. 2 rollers are located on the side opposite the display module which considerably simplify positioning of the scales.

These wheel load scales are used for vehicle inspection in road traffic, vehicle development and production and monitoring of approved vehicle load capacity.

Features

- | Verifiable
- | Flat design
- | Nominal load 10,000 kg
- | Functions:
 - zeroing, taring,
 - reading out gross and net values
- | Anti-slip rubber feet
- | Maintenance-free
- | Operation with commercially available batteries
- | Optionally combinable for axle load weighing in areas not subject to official verification

Applications

- | Truck weighing
- | Weighing and load inspections
- | Weighing of loads
- | Determining of load distribution
- | Vehicle approval for new and modified models
- | Exit control in haulage firms

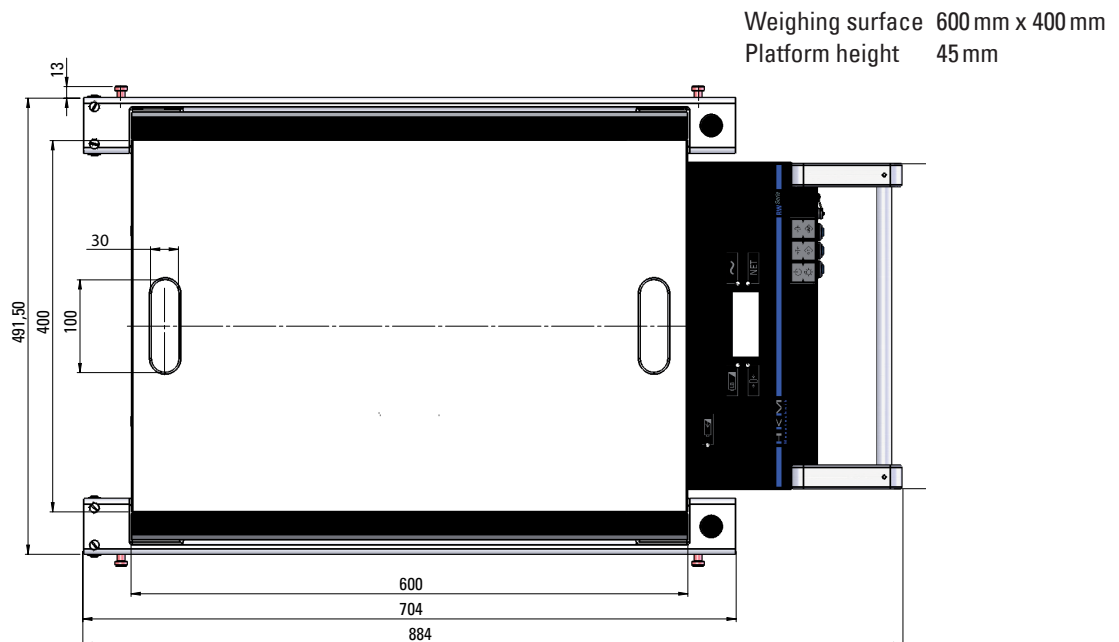
Technical data

Type	Minimum load	Maximum load = Nominal load	Increment e *	Accuracy to DIN EN 45501	Self-weight
RWA 9.1.0 E / 10,000	200 kg	10,000 kg	20 kg	± 10 kg up to 1000 kg ± 20 kg up to 4000 kg ± 30 kg over 4000 kg	30.4 kg

Verifiability pursuant to DIN EN 45 501, accuracy class III
Power supply 4 x NiCd or NiMh batteries 1.2V/max. 2000 mAh
Charging via mains adapter 12V/1 A
Operating temperature range -10 °C to +40 °C
Storage temperature range -30 °C to +70 °C
Degree of protection IP 65

* higher increment / resolution available on request for use not subject to official verification

Dimensions



Display module features

8-digit LCD display
Display of load in kg or lbs
3 buttons for operation
Menu-guided settings and inquiries
Status LEDs for low battery indicator
zero point indicator
stability indicator
net indicator
battery charging indicator

Options

Drive-on and drive-off ramps (662 mm x 259 mm)
Dummy plate
Cable for connecting two scales for an axle load scale
Wheel load scale with higher resolution not subject to official verification