

Portable, verified wheel load scale

RWA 9.1.0 E



Verified according to DIN EN 45 501 accuracy class Ⅲ
Nominal load 10,000 kg
Evaluation directly at the weighing platform

Commercial and official weighing operations
Weighing of trucks, heavy-duty and special vehicles
Load determination of tractor units and trailers
Weighing of special vehicles with pneumatic tyres

Designed,
developed and
made in Germany

Precise and safe weighing of heavy vehicles: Our portable, verified wheel load scales RWA 9.1.0 E are designed for high wheel loads of up to 10,000 kg. Specially developed for commercial and official weighing operations, these versatile scales are suitable, for example, for use in weight and load inspections in road traffic, in vehicle registration of new and rebuilt vehicles as well as in agriculture and forestry.

The 60 cm wide weighing surface of the RWA 9.1.0 E can also easily accommodate twin wheels. At the site of operation,

integrated wheels make it easier for you to align the weighing platform in front of the vehicle wheels. The wheel load scales can be used on any adequately paved and level surface; an integrated tilt sensor checks the gradient at the measuring point.

Thanks to the rechargeable battery supply, the portable scales are completely independent and can be used very flexibly. They have an integrated control and display module so that you can read the measuring result directly on the weighing platform. For applications not subject to

official verification, two scales can optionally be connected by cable. The wheel loads of the axle are then displayed as a total – allowing you to determine axle loads very efficiently and conveniently.

Further information can be found in our "Weighing operations with portable wheel load scales" brochure in the download area at www.hkm-messtechnik.com.

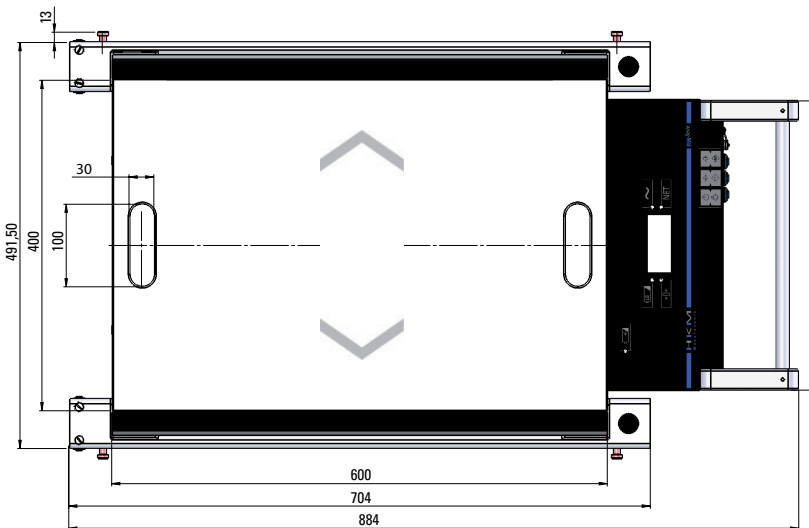
Technical data

Type	RWA 9.1.0 E/10 000
Maximum load = Nominal load	10,000 kg
Minimum load	200 kg
Signal evaluation	Control and display module
Increment / Division e *	20 kg
Accuracy	± 10 kg up to 1,000 kg ± 20 kg up to 4,000 kg ± 30 kg over 4,000 kg
Official verification	Official verification according to DIN EN 45 501 accuracy class III ; annual subsequent verification required
Operating temperature	-10°C to +40°C
Storage temperature	-30°C to +70°C
Supply	Integrated rechargeable batteries, see accessories
Weight	30.4 kg
Protection	IP 65

* higher increment/resolution possible on request for applications not subject to official verification

Dimensions

Measurements in mm



Weighing area L 400 mm x W 600 mm
Height 45 mm



Features of the control and display module

- » 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
- » no interface to printer or PC

Optionen

- » Non-verified scale RWA 9.1.0: factory calibrated, ISO or DAkkS calibrated for applications not subject to official verification
 - › Connection of two scales via cable
 - › Automatic adding of the wheel loads of two scales to axle load

Overview of accessories for wheel load scales RWA 9.1.0 E

Product	Description	Figure	
Drive-on and drive-off ramps recommended	L 259 mm x W 662 mm x H 45 mm		○
Height compensation plates	To compensate for the height of the wheel load scales. The height compensation plates replace missing wheel load scales so that all wheels are at the same height level at the same time. L 750 mm x W 600 mm x H 45 mm		○
Power supply	4x 1.2V NiMH batteries/2,000mAh max., charging via 12V/1A plug-in charger power supply		●
Connection cable	To connect two scales to form an axle load scale for applications not subject to official verification.		○

● requirement | ◎ requirement / selection | ○ optionally available