



TAMTRON

WEIGH TO KNOW

TRAPPER SRS STATIC RAILWAY SCALE

TRAPPER SRS electronic railway scales are designed for static weighing of wagons. The TRAPPER SRS static railway scales are suitable wherever the customer needs very precise commercial weighing of wagons, or accurate filling/unloading of tankers, or loading of wagons to the required value directly on weighbridges.

ADVANTAGES

- ⬡ accurate and reliable commercial weighing
- ⬡ extremely fast installation without on-site concreting
- ⬡ possibility of integrating the scale into the control system for automatic loading of the wagons to the desired value
- ⬡ maintenance-free operation
- ⬡ design approved by railway authorities in the field of installations within the railway network as well as on company sidings
- ⬡ modular system
- ⬡ intrinsically safe EEx-i option

SPECIFICATIONS OF THE STATIC RAILWAY SCALE

TRAPPER SRS scales can be designed as single-weighbridge scales (for weighing short wagons up to outer axle distance of 10 m) or as multi-weighbridge scales, usually consisting of two weighbridge modules. The lengths and the number of static scale modules are chosen with regard to the range of vehicles to be weighed. Due to the modular design of the **TRAPPER SRS** railway scales, the optimum composition of modules can be designed for the possibility of weighing wagons without uncoupling.

TRAPPER SRS scales are characterized by the very low construction height of the structure installed in the track. The modular design allows for an optimal composition of individual weighbridges to take into account the spectrum of weighed wagons.

TRAPPER SRS static railway scales are available in two versions. The first version has compact steel foundation frame. The second version has prefabricated reinforced-concrete foundation. Both versions are laid directly on compacted gravel bed.

Both concepts allow for **extremely fast installation with minimal costs** of construction readiness without on-site concreting.



TECHNICAL SPECIFICATION OF THE STATIC RAILWAY SCALE

- ⬡ **WEIGHBRIDGE:** a steel structure with a module length of 4.5 m to 10 m (the number and length of the weighbridge modules depends on the range of railway wagon being weighed).
- ⬡ **WEIGHING METHOD:** static.
- ⬡ **WEIGHING CAPACITY:** 80 tons per module.
- ⬡ **DIVISION:** 50 kg.
- ⬡ **WEIGHING ACCURACY:** static according to EN 45501 – accuracy class III.
- ⬡ **TYPE APPROVAL NUMBER:** TC5673; D02-09-024; DK 0199.37; No. FI 10.1.01.
- ⬡ **VARIANTS:** TRAPPER SRS with a steel compact foundation frame (total height 620 mm) / TRAPPER SRS with a prefabricated reinforced-concrete foundation (total height including foundation 750 mm).
- ⬡ **INSTALLATION METHOD:** on a compacted gravel bed without on-site concreting.
- ⬡ **CROSSING SPEED:** up to 35 km/h.

OPTIONAL SCALE ACCESSORIES

- ⬡ Wagon positioning system
- ⬡ Automatic loading of wagons to the required value
- ⬡ Data-processing software ScalexPC
- ⬡ Comprehensive software system for the management of company siding
- ⬡ Visualization of the weighbridge area
- ⬡ External display
- ⬡ Integration of the scale into the company's ERP system
- ⬡ Intrinsically safe EEx-i option

TAMTRON

TAMTRON s.r.o.
Milady Horákové 75/105, Hradčany
160 00 Praha 6
Czech Republic
tel.: +420 271 733 201
obchod@tamtron.cz
WWW.TAMTRON.CZ

Tamtron is a leading supplier of advanced weighing solutions, offering innovative weighing and dosing technologies, comprehensive lifecycle services, and modern cloud-based digital services. Supporting industries such as construction, mining, wood processing, waste management, logistics, and manufacturing, Tamtron operates globally with its headquarters in Finland. The company has a strong presence across Europe through its subsidiaries and worldwide partner network.