



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

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Tamtron is an advanced product manufacturer and weighing information management service provider in the weighing industry that is committed to high-quality and responsible service. The company's success is based on the ability to produce some of the most innovative and competitive weighing solutions in the industry. The weighing solutions provided by Tamtron make customers' everyday operations easier and more efficient not only in the construction and mining industry, but in industries such as manufacturing, harbours, forestry and timber, transport and logistics as well as recycling and waste management. The company's ISO 9001:2015 quality certified know-how ensures high-quality deliveries.

The internationally operating company has a turnover of EUR 55 million, and the group employs 300 professionals. The company's main office is in Finland, and it has subsidiaries in Czech Republic, Denmark, Germany, Norway, Poland, Slovakia and Sweden. In addition to strong domestic trade, Tamtron exports its products globally to more than 60 countries. Tamtron is a reliable partner for demanding weighing solutions with more than 50 years of experience.