



TAMTRON

WEIGH TO KNOW

**SCALES & WEIGHING
INFORMATION MANAGEMENT
FOR SEAPORTS**

SAFER AND MORE EFFICIENT OPERATIONS WITH WEIGHING

Tamtron serves customers operating in the seaports with type-approved, accurate, high-quality scales and modern weighing information management systems that ensure real-time access to the information, reports and operations monitoring. With Tamtron scales the container ID and VGM can be combined.

Advanced and easy-to-use scales weigh containers according to the SOLAS regulations during normal operations without interrupting or slowing down the workflow at seaports or in container depots. Tamtron scales improve safety at seas, as the incorrectly reported container weight that can cause cargo to fall over is possible to avoid.

FAST INFORMATION MANAGEMENT AND EASY REPORTING

The weighing information transfers from Tamtron scale to operational use real-time through connection to the weighing information cloud service or through integration into TOS, ERP or other system. Bi-directional data-communication enables container ID and VGM to be combined. From all of the Tamtron scales used at the seaport: container stacker scales, straddle carrier scales as well as from traditional weighbridges the information can be collected into the same information management infrastructure where all transactions can be managed and monitored. With the information, operations can be optimized to be as fluent and efficient as possible.

Tamtron's professional weighing equipment with solid connectivity and data management help operators to meet the demands for transparency, traceability and ever-growing reporting liabilities. Reporting between co-operation partners becomes easier when the required information is available on one system, easily and reliably.

PRODUCTS FOR THE SEAPORTS AND CONTAINER DEPOTS



TAMTRON POWER CONTAINER STACKER SCALE

Type-approved Tamtron Power Container Stacker Scale weighs verified gross mass (VGM) of a container accurately (accuracy 1–2%) within the normal workflow and meets the requirements of the SOLAS regulations. Power Container Stacker Scale can be installed in all types of container stackers. The weighing information

can be transferred to operational use two ways: through integration into TOS or other systems or through weighing information cloud service. The scale is available with an advanced Power weighing instrument or with a PC version that is possible to integrate into on-board PC.

TAMTRON POWER STRADDLE CARRIER SCALE

Approved and tested Tamtron Power Straddle Carrier Scale weighs verified gross mass (VGM) of a container accurately (accuracy 0.5–2%) within the normal workflow and meets the requirements of the SOLAS regulations. Power Straddle Carrier Scale can be installed in all types of Straddle carriers. The weighing information can be transferred to operational use two ways: through integration into TOS or other systems or through weighing information cloud service. The scale is available with an advanced Power weighing instrument or with a PC version that is possible to integrate into on-board PC.



SOLUTIONS FOR WEIGHING TRUCKS AND TRAINS



The Tamtron Scalex product family of vehicle scales facilitates precise vehicle weighing that complies with road traffic regulations up to 120 tons and makes it possible to even weigh jumbo trucks. Depending on customer needs, the vehicle scales are available in both fixed-base and portable models, and if necessary,

they can be equipped with rails, a heating system and a control unit. Through easy-to-use external terminals, the weighing information is transferred electronically in an easy to process and report form.

The Tamtron Scalex product family also consists solution for static weighing of trains. Tamtron Silverpoint+ is a solution for monitoring and controlling wagon weights and loading of trains in motion.

Tamtron's offering includes also for example crane scales and platform scales as well as weighing solutions also for wheel loaders, reach stackers and material handles. The weighing solutions provided by Tamtron make customers' everyday operations easier and more efficient not only in the seaports, but in industries such as construction and mining, manufacturing, forestry and timber, transport and logistics as well as recycling and waste management.

INTERNATIONAL WEIGHING INDUSTRY PROFESSIONAL

Tamtron is an advanced product manufacturer and 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 seaports but in industries such as construction and mining industry, manufacturing, forestry and timber, transport and logistics as well as recycling and waste management. ISO 9001:2008 Quality Management System certified competence guarantees the premium quality of deliveries.

Tamtron operates internationally and employs 140 professionals. The company headquarters is located in Finland and it has subsidiaries in Sweden, Poland, Germany, the Czech Republic and Slovakia. In addition to strong domestic trade, Tamtron exports globally to more than 60 countries. The company has a turnover of EUR 22 million. Tamtron is a reliable partner in weighing solutions with expertise and know-how of over 40 years, since 1972.

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