

|| TAMTRON OY – One Power VGM weighing systems

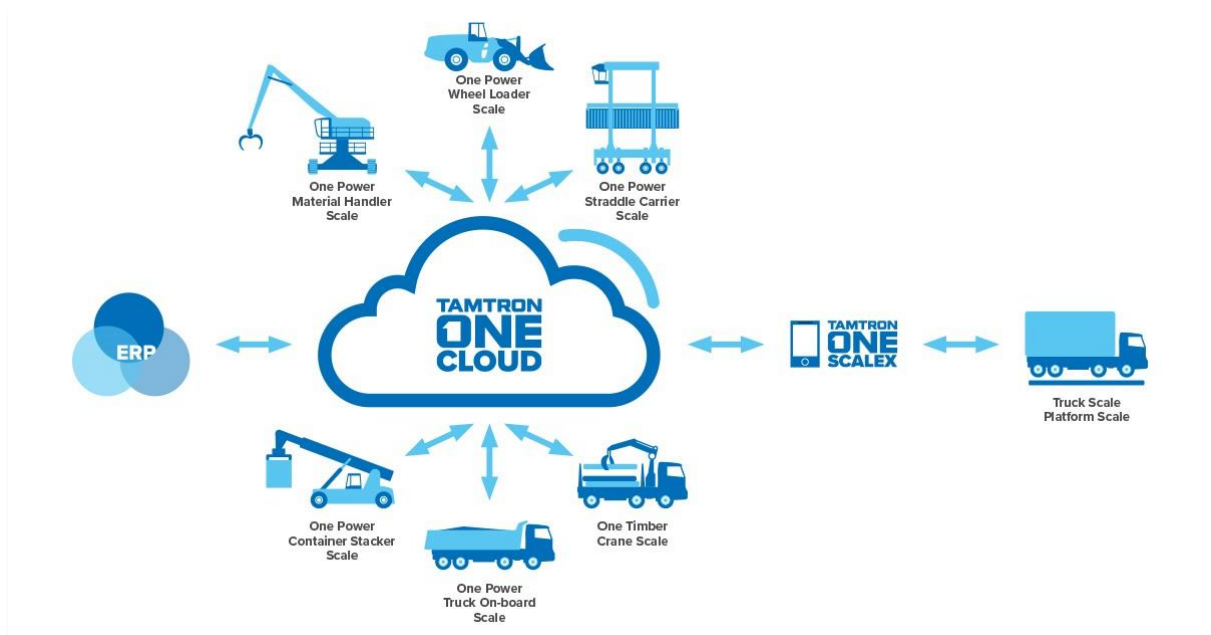
the challenge

In global logistics, operations need to run smoothly since one hiccup may cause major delays, losses or damages for several companies and at worst even cost lives. Loading a vessel, a truck or a train is a job that means moving around heavy items, such as containers or other transport units, in the limited space, like port or station. To reduce the traffic while loading will reduce the risk of something going wrong.

Additionally, the cargo must be loaded in a vessel, train or truck so that legal limits are not exceeded and weight is equally distributed, to reduce the risk of tilting or other similar injuries for the cargo carrier or cargo itself. Knowing the weight of each container or load unit, is therefore a necessity to be able to load in an efficient and safe manner.

the innovation

When it comes to water transport, container weighing is one of the most important activities at ports. It will ensure that the cargo in the vessel is loaded correctly, meets the regulations and ensures safety during the operations. Correct weighing data not only ensures the right load, but also quickens ship turn-round time and minimizes cargo-handling cost.



Tamtron provides busy seaports with complete weighing solutions - type-approved, accurate, high-quality scales and modern weighing information management that ensure real-time access to the weighing data, reports and operations monitoring. Advanced and easy-to-use Tamtron scales weigh containers according to the SOLAS regulations during normal operations without interrupting or slowing down workflow at seaports or in container depots.

Tamtron One Power Container Stacker Scale, One Power Straddle Carrier Scale and Scalift Forklift Truck Scale all weigh Verified Gross Mass (VGM) of a container accurately, during container transit and loading operations, and meet the requirements Of the SOLAS regulations. Tamtron's Container Stacker and Straddle Carrier scales improve safety at seas, as the incorrectly reported container weight that can cause cargo to fall over is possible to avoid.

On One Power Container Stacker and Straddle Carrier Scales container VGM and ID can be combined, and the information uploaded to customers' TOS, ERP or other system through integration to ensure real-time access to reports and operations monitoring

how it was implemented

Tamtron can, as an experienced international weighing technology company, make a turnkey delivery for any cargo operator, terminal, port or similar where container and other cargo is handled, by installing the scales on site, performing calibration and verification of scales having authorizations granted by the notified body.

For example, in Vado Gateway S.P.A. sea container terminal, Tamtron One Power Straddle Carrier scales are connected to the factory Ethernet network and integrated into NAVIS TOS (Terminal Operating System). Tamtron weighing solutions enable measuring the VGM as part of the normal machine operations, all containers handled by Straddle Carriers with Tamtron scale on board can be immediately transferred to the system speeding up the processes but also improving the safety during the loading as well as transportation.



result

The biggest benefit of these mobile weighing systems is safety, as unnecessary transportation to truck scales is avoided. Additionally, the solution also leads to savings in fuel consumption and working time leading to lower amount of carbon emissions.

When the vessels, trains or trucks are loaded according to regulations they can in a safe manner transport the cargo in the sea, on the roads and on the rails.

conclusion

Tamtron scales, weighing data solutions as well as expertise contributed to the streamlining of daily operations and improved the work efficiency at several container terminals worldwide.



Further information can be found at <https://tamtrongroup.com/en/>