



# Driving up compliance with Intercomp weigh-in-motion

Weighing technology provider Intercomp has highlighted some of the ways in which fleets are benefiting from the use of its weigh-in-motion technology to help ensure strong safety and compliance records, as well as efficient operation.

The company's product range includes the LS-WIM System, an in-ground axle scale product

without hampering traffic flow," said Chris Berg, market specialist at Intercomp.

"Intercomp's LS-WIM is the ideal weighing solution for high-volume entry and exit gates. Unlike full-length truck scales, incoming and outgoing traffic does not have to stop each time a vehicle needs to be weighed.

"By allowing traffic flow to

while installation requires less civil work, and occupies a smaller area, than full-length truck scales, Intercomp adds.

The LS-WIM System can also be supplied in conjunction with Intercomp's LS20 indicator and key fob, which allow for unmanned gate operation and record-keeping of vehicle entrances and exits.

"Bulk items, like aggregate or cement, can be difficult to track for the purposes of inventory management," continued Chris Berg.

"Often, yard managers must estimate quantities to order based on educated guesses, leaving room for errors and wasted investment in the form of excessive ordering. Without a reliable means of measurement, yard managers are also unable to verify that they have received the amount of product ordered.

"Tracking what comes in, and what goes out, of any yard is a crucial part of managing inventory. Our axle-weighing solution can capture weight information while keeping traffic moving smoothly.

"In addition.... the LS-WIM System offers the ability to convert gate operations to an efficient, unmanned process with the integration of the LS20 CPU. The optional key fob takes efficiency and automation to the next level,

continue, the system provides for easy and efficient verification of individual axle weights, axle groups and gross vehicle weights."

A 13-foot (4.14-metre) wide weighbridge is said to accommodate many vehicles in the transport sector, including those with oversized loads –



allowing vehicle drivers to activate the system without the need to stop and key in an ID number."

Users of the LS-WIM System include Clean-N-Green, a New York-based company that transforms waste products into usable substances for a variety of industries. It needed a rapid means of tracking inbound waste inventory at its plant, while also ensuring outgoing vehicles were complying with weight limits.

Intercomp's LS-WIM System with LS20 WIM Indicator measures axle weights of incoming vehicles loaded with raw sewage and used cooking oil at the facility's entrance. The system totals axle weights to determine gross vehicle weight and can instantly document the net weight of inbound material by utilising stored tare weights for up to 250 vehicles, each with a unique ID, for later retrieval from the system.

Once sewage is distilled to a more solid form, it is loaded back onto a truck to distribute to fertiliser manufacturers. As trucks

weigh vehicles axle-by-axle.

The LS630-WIM includes a pair of scale pads and four roll-up ramps/levelers, and can weigh any single-lane width vehicle, regardless of axle configurations, including oversize length vehicles of up to 36 axles.

Users of the portable system include a large utility firm, which needed a scale system to obtain individual axle/wheel and gross vehicle weights when fitting out new vehicles and trailers with equipment such as generators and tool bodies.

Intercomp's LS630-WIM allows the utility company to maximise each vehicle's carrying capacity and decrease axle overloading with proper equipment placement, while also ensuring weight compliance. Additionally, weight records are linked with each VIN for improved long-term vehicle record-keeping.

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which the firm says helps large fleets maximise compliance and safety.

"Weight violations and safety hazards slow productivity, but Intercomp's LS-WIM System gives fleet managers the ability to collect vehicle weight needed to avoid these potential issues,

leave the facility, each driver passes their vehicle over the LS-WIM weighbridge, capturing axle, gross and net cargo weight. Optional key fobs with individual IDs provide the ability to initialise the system from a distance, increasing productivity.

The Intercomp range also includes the LS630-WIM portable system, with PT20 WIM CPU and LED wireless display, which can be deployed in varied locations to

