

Intercomp's LS-WIM System Helps Large Fleets Maximize Safety & Compliance

The modern transportation and logistics industry relies heavily on ground vehicles to move goods. The last published data from the United States Federal Highway Administration (FHWA) shows truck traffic accounted for 42.0% of transported goods in 2002 and 41.8% in 2007. Commercial transport trucks are subject to local, state and federal weight limitations. Intercomp's LS-WIM (Low-Speed Weigh-In-Motion) System provides the ability to screen these vehicles for compliance, including axle, axle group and gross vehicle weights, at exit gates while minimizing traffic slowdowns at most facilities.

Transport truck fleet operators must ensure all vehicles operate in a safe manner while remaining compliant with weight limits on public roads. 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, without hampering traffic flow.

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 continue, the system allows for easy and efficient verification of individual axle weights, axle groups and gross vehicle weights, which law enforcement uses to determine compliance of commercial vehicles.

By complying with posted weight restrictions for public roads, freight operators ensure they are operating their vehicles safely. Last published FHWA data shows a downward trend in citations nation wide through 2012, from a peak of 1.2 million in 2008. This suggests that transport operators are paying closer attention to the effects of vehicle weight, creating the potential to operate in a more safe and efficient manner.

Compared to traditional full-length truck scales, the small footprint of the LS-WIM system allows for installation at most facilities, at approximately half the cost, including civil work. The system increases facility efficiency by accurately weighing vehicles traveling up to 10 mph (15 kph). Coupled with the 13-foot (4.14-meter) wide weighbridge, nearly any vehicle, including those with a wide load or trailer, can be quickly screened.

Intercomp's LS-WIM System is ideal for most non-legal-for-trade applications in medium- to high-traffic operations. This technology allows fleet managers to maximize safety and compliance while maintaining efficient entry and exit procedures.



Intercomp LS-WIM in-ground axle scales minimize backups at the Port of Los Angeles by allowing incoming and outgoing traffic to continue moving.



A 13-foot-wide weighbridge accommodates most vehicles used in the transportation industry, including those with an oversized load.



Installation requires less civil work, and has a smaller footprint, than full-length truck scales.

Additional Data or Customer Testimonials Available Upon Request