

Low-Speed WIM Scale System

Rapid, Accurate Axle & Gross Weighing for all Vehicle Types



In-Ground, Weigh-In-Motion Scale Offers Superior Accuracy for High Volume Vehicle Weighing

Keep traffic moving by weighing at low speeds for applications which require monitoring payloads, weight compliance or overweight enforcement. Save valuable time while accurately capturing weight related data at entry/exit ports, freight terminals, toll and commercial weigh stations.

The LS-WIM™ scales are OIML R134 certified, and are sized up to 13 ft (4 m) wide to accommodate oversized vehicles. For installation, the scale only requires positioning and securing on the mounting frame while the overall depth is just 12.5 in (318 mm) thereby minimizing civil works and improving ease of maintenance.

Systems are configurable with a CPU with ethernet output to Intercomp software, or they can be integrated into operating systems ranging from analog output to API. The systems collect axle, group, and GVW for attended or unattended systems with control barriers, traffic lights, cameras, and ticket or report generation for a wide range of applications.

Low-Speed Weigh-In-Motion Scale System

Physical

LS-WIM 13'	A- Platform: 156" x 29.5"(3.96 m x 0.74 m) B- Frame: 162.9" x 46.4" x 12.5" (4.14 m x 1.18 m x 0.32 m) Weight (combined): 3200 lb (1450 kg)
LS-WIM 13' – 50T	A- Platform: 156" x 29.5" (3.96 m x 0.74 m) B- Frame: 162.9" x 46.4" x 12.5"(4.14 m x 1.18 m x 0.32 m) Weight (combined): 4200 lb (1900 kg)
LS-WIM 11.5'	A- Platform: 138" x 29.5" (3.51 m x 0.74 m) B- Frame: 144.8" x 46.4" x 12.5" (3.68 m x 1.18 m x 0.32 m) Weight (combined): 3100 lb (1400 kg)



LS-WIM™ Scale Specifications

Capacity	Up to 100,000 lb (50,000 kg)
Deck Thickness	8.2 in (208 mm)
Operational Speed Range	Up to 10 mph (16 km/h)
Operating Temperature Range	-29° to 165° F (-34° to 74° C)
Power	10/220V 50/60 Hz
Cable Type	6 Conductor Cable w/Shield, ± Excitation, ± Signal, ± Sense
Cable Length	100 ft (30 m) Custom Lengths Available by Request
Recommended Excitation	5-10V



Options & Accessories



WIM4 CPU

The Intercomp WIM4 CPU provides signal conditioning, data acquisition, and basic processing for the WIM system. Configurations include scale and loop inputs, with RS232, traffic light, and ethernet outputs. Information output includes axle weights, speed, and axle spacing for further software processing. This data is integrated into the customer system to calculate Gross Vehicle Weight (GVW) via Windows based API output or by utilizing IntercompWIM™ software.



IntercompWIM™ Software

The WIM Software will process and store weight-related data to produce a full array of reports for recordkeeping or data analysis. Collect and totalize axle weight, gross weight, vehicle ID & class for reporting and data collection. **IntercompWIM Delta™** software is available to compare vehicle net weights from single or dual scale sites for inbound and outbound vehicle applications.

(PC Included)

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Specifications subject to change without notice.



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