

LS-WIM System Benefits

Quality

- Made In U.S.A.
- Durable 8.2" Thick Deck
- Removable Deck for Easy Maintenance

Efficiency

- Dynamic Weigh-In-Motion Saves Time & Increases Efficiency
- Display, Printer & Output Options provide User Flexibility

Accuracy

- $\pm 0.1\%$ Accuracy in Static Mode
- 1-2% Accuracy in Dynamic Mode
- NTEP/OIML Certified Strain Gauge Load Cells

Value

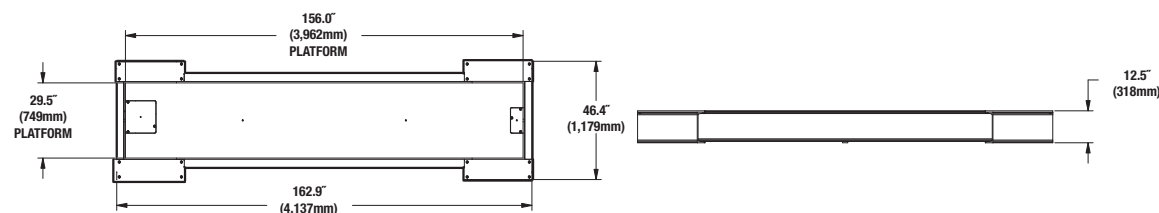
- Far Less Expensive to Purchase than Full Size Truck Scales
- Small Footprint for Lower Cost & Ease of Installation

LS20 WIM Indicator Specifications**Electrical**

| | |
|-----------------------------|---|
| Operating Temperature Range | -4° to 140°F (-20° to 60°C) |
| Power | 100 to 240 VAC, 50 to 60 Hz. 2.5W typical |

Environmental

| |
|-----------------------------------|
| Hardened Case Rated IP65 |
| Humidity 10 to 95% non-condensing |

**LS-WIM Scale Specifications**

| | |
|-----------------------------|--|
| Capacity | 45,000lb (20,000 kg)* |
| Dimensions | 162.9in x 29.5in (4,137mm x 749mm) |
| Deck Thickness | 8.2in (208mm) |
| Vehicle Speed Range | 0mph to 20mph (0km/hr to 35km/hr) |
| Operating Temperature Range | -29° to 165°F (-34° to 74°C) |
| Power | 110/220V 50/60 Hz |
| Cable Type | 6 Conductor Cable with Shield, \pm Excitation, \pm Signal, \pm Sense |
| Cable Length | 100ft (30m) — Custom Lengths Available per Customer Request |
| Recommended Excitation | 5-10V |
| IP Rating | IP68 |

*Higher Capacities are Available

Accuracy

| | |
|------------------|-----------------------------|
| Static Accuracy | $\pm 0.1\%$ of Applied Load |
| Dynamic Accuracy | 1-2% at Low Speeds** |

**Site Conditions & Vehicle Speeds Can Affect GVW Accuracy

Weigh-In-Motion Axle Scale

Fast, Accurate Axle & Gross Weighing for all Vehicle Types



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

In-Ground Axle Scale systems provide a solution to weigh trucks, trailers or any other type of wheeled vehicle, quickly and accurately. Intercomp's American-made, LS-WIM Weigh-In-Motion Axle Scale functions as either an unattended or manned weigh station. Vehicles can be weighed either dynamically, in-motion, or statically, axle by axle. The scale is NTEP Certified in static weighing mode.

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Intercomp
advanced weighing technology... by any measure

intercompcompany.com

CE ISO 9001:2008
Registered



Made In U.S.A.

Printed in the U.S.A.

700790

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Intercomp
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LS-WIM SYSTEM

- **Monitor & Maximize Loads**
- **Verify Loads for Security**
- **Identify Overweight Trucks**
- **Save Time & Money**

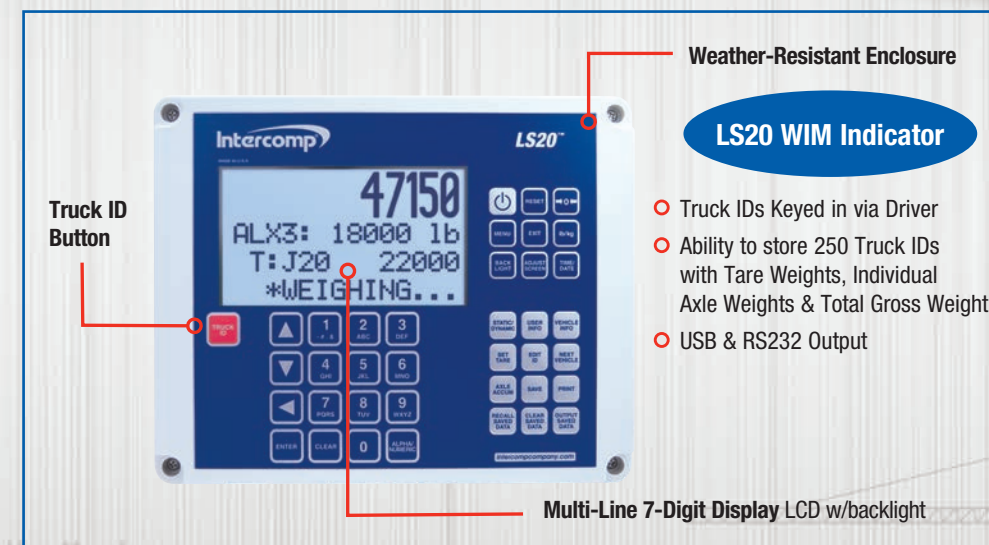
Intercomp's Weigh-In-Motion Scale System is a Complete Weigh Station

LS-WIM In-Ground Weigh-In-Motion Scale Systems are an ideal alternative to older static truck scales that require drivers to stop on the scales to manually receive a weight. These scales will increase overall efficiency, are far more economical and will even provide individual axle weights along with total gross weights. The small footprint of these scales allow them to be installed in a matter of days, keeping downtime to a minimum, and are also far less expensive to purchase and install than traditional truck scales.



The LS20 Indicator Processes the Weight Data & Stores it for Download to a USB Drive or RS232 Output

Industry Leading, NTEP/OIML Certified Strain Gauge Load Cell Technology



Weather-Resistant Enclosure

LS20 WIM Indicator

- Truck IDs Keyed in via Driver
- Ability to store 250 Truck IDs with Tare Weights, Individual Axle Weights & Total Gross Weight
- USB & RS232 Output

Multi-Line 7-Digit Display LCD w/backlight

Optional LED Score Board with a Red/Green Stop & Go Light, Clearly Displays the Weight in lb or kg



```
11-DEC-2015, 9:25:18AM
REG: 6
ID: J20

AXL1: 12000 lb
AXL2: 17150 lb 5.7m
AXL3: 18000 lb 1.2m

GROSS: 47150 lb
TARE: 27650 lb
NET: 19500 lb
SPEED: 8 kph
```

Optional Wireless Printer allows Weight Tickets to be Printed after the Weighing Process

**STANDARD LS-WIM SYSTEM**

Driver approaches the LS20 Indicator, stops and keys in the Truck ID. Driver proceeds over the scale and visually receives a weight on an LED display with a red and green stop and go light. All weight data is collected for download onto a USB or serial connection.

LS20 WIM INDICATOR FEATURES

- **Data Storage Capacity** of 1,500 Weigh Records, 36 Axles Per Record
- **Data Recall** All Stored Records can be Recalled to View or Print
- **Data Export** All Records can be Exported via USB or RS232
- **Security Calibration Strap** on Circuit Board Locks Out Unauthorized Calibration
- **Tamper-Proof Adhesive Seal** across Enclosure Lid Seam
- **Weather Resistant USB & RS232 Serial Output**

LS-WIM SCALE FEATURES

- NTEP/OIML Certified Load Cells
- Small Footprint for Ease of Installation
- Removable Platform for Service & Maintenance
- Overall Depth just 12.5' (318mm)
- NTEP Certified in Static Mode

LS-WIM OPTIONAL COMPONENTS

- LED Display 4.5" with Red/Green Stop & Go Light
- Weather Resistant Printer: Time/Date, Truck ID, Axle Weights & Gross, Net, Tare
- IntercompWIM Software
 - Fully Automates Weighing Process
 - Identify Vehicle Class, GVW & Axle Weight
 - Weight Reports for Data Collection & Analysis
 - For Use with WIM4 CPU

