

Integrity

SERIES

WIM (WEIGH-IN-MOTION)

**The Strongest Axle
Weigher on Earth™**



RICE LAKE®
WEIGHING SYSTEMS

91-44-7117 3700
enquiries@ricelake.co.in

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WIM (WEIGH-IN-MOTION)

What is the WIM?

The WIM is a load cell based system that measures the axle weight of vehicles traveling between 5 and 10 kmph to estimate the vehicle weight. This system can be used to check the weight of vehicles traveling on the highway. It will determine if a vehicle is overloaded or falls outside load limits and needs to be screened for static weight.

Integrity Series WIM

Rice Lake India's vehicle scale systems set the industry standard with innovative designs that provide reliable performance under the most demanding conditions. The Integrity Series is the strongest in-motion weighbridge, using the latest Finite Element Analysis (FEA) technology to give users the longest lasting durability for generations. The WIM is manufactured in accordance to ISO 9001 standards and provides faster, more accurate weighments.

Rice Lake India Vehicle Scales

The main structure of the weighbridge is steel and the deck is concrete for extra traction and easy repair. The front, back and speed of the vehicle are identified by infrared light curtains. All load cell cables are run through metal conduit, with flex conduit fittings at the load cell, to provide ultimate protection. A double-ended shear beam load cell is used with the G-Force™ mounting system to ensure a fast return to center before weighing each axle. After the individual axles are weighed, the total weight of the vehicle is displayed on a digital weight indicator.

STANDARD FEATURES

- Length: 7 m*
- Width: 3, 3.5 and 4 m*
- Capacity: 30,000 kg*
- Concentrated Load Capacity: 30,000 kg
- Dual Tandem Axle (DTA) Rating: 30,000 kg
- Display Resolution: 10 kg
- Safe Overload: 150% of rated capacity
- Accuracy: +/- 2% of rated load

**Custom capacity, length and width available by request*

RICE LAKE FAMILY OF DIGITAL WEIGHT INDICATORS

- Onboard digital I/O
- Configurable setpoints
- NEMA Type 4X/IP66 stainless steel enclosure
- iQUBE² connectivity

OPTIONAL FEATURES

The WIM can be customized with optional features, including traffic signals, data management software, printers and boom barriers. Contact a certified Rice Lake Weighing Systems India dealer to discuss the best features for your application.

APPROVALS

Model
Approved,
India

TUV
PRODUCT SERVICE

Your Rice Lake Weighing Systems distributor is:

RICE LAKE
WEIGHING SYSTEMS INDIA LIMITED

A-27/1, SIPCOT - Oragadam,
Sriperumbudur Taluk, Tamil Nadu State, 602105, India
TEL: 91-44-7117 3700 • enquiries@ricelake.co.in

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