

HMS WIM-900 Sensor Bending Plate

+vantage

- Speed Up to 80 km/h «
- 1 Day Installation «
- Preventive Maintenance – 30 Minutes «
- Minimal Civil Installation «
- Intelligent Sensor Weigh In Motion «
- No Speed Breakers «
- Most Economical replacement «
- Accuracy Class 5 OIML «
- Minimal Lane Closures «

Vishwakarma , India's first and only company to conceptualise, design and manufacture the multi strain gauge sensors (Bending Plate) technology in 2015, which has been a revolution for the Highways, Authorities, Agencies & Operators to deploy trouble free system without any major civil work/cost/time & ensure smooth free flow traffic, without need of pre-sorting Vehicles/speed breaker unlike the conventional Load Cells based Mechanical Platform technologies. The system has a unique functionality of generating Axle Count, Axle Weight, Axle Speed, Vehicle Weight, Tire count, Vehicles Height and Width as a single system without any dependency on Toll Plaza or similar alibi technologies.

- » ETC Toll Gates
- » Free Flow Express Way
- » Pre Sorters Boarder Checkpost

Largest Installations over **1000+** in operation Nationwide

Bending Plate

Standalone Weight Enforcement System



KG
Axle Count
22600 kg

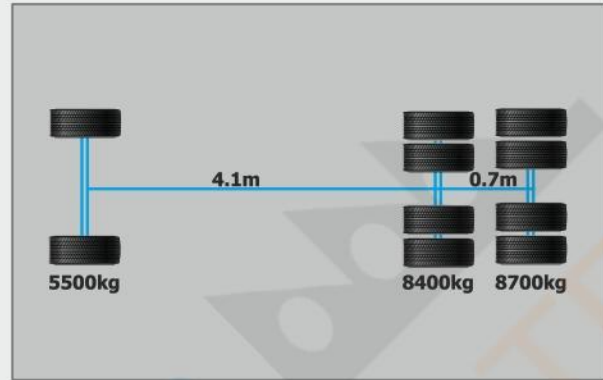
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Axle Count

2mtr
WIDTH

29 km/h
SPEED

6.1mtr
LENGTH

3 Axle
CLASS



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Bending Plate Technical Specifications

Structure	Plate – MS Duly carbon steel with vulcanized rubber certified for structural analysis and design (STADD)-III complying BIS 2062
Stationary Accuracy	=0.1% FSR
In Motion Accuracy	±5% OIML Accuracy Class – 5 FSR up to speed 50 km/h
Maximum Passing Speed	60 Km/h
Overload Capacity of the Platform	150% of rated capacity
Protection Class	IP 68 Operational Temp: - 10 to 65 Degrees
Vehicle Separator	IR based curtain with minimum 24 sensors housed in Stainless steel pillars with proper scaling
Controller Housing	Water / Weather proof with anti-rust coating, IP-65 rated
Approval/Certification	Weights and Measure Approved Model, duly stamped & sealed by W&M department, BIS & OIML Certified
Design	IIT Structure Approved, CRRRI Approved
Re-calibration/Stamping & Verification	Every 12 (Twelve) months
Functionality	Can Work independently without any dependency on Toll System



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Note: Specification are subject to change due to constant innovation