

## HYBRID WIM

LOW PROFILE

### Application

Vehicle Pre-Sorting for Highway Entry «

Manufacturing / Automation Industry «

Mining / Shipyard Weighing Solution «

Cash Toll Management System «

State Border Check Post «



### HYBRID WIM

(Dynamic Solutions With  
Sandwich Load Cells Mechanism )  
Approvals - OIML | IIT | CRRI

Hybrid WIM is specifically designed for weight enforcement at cash toll lanes, handling speed up to 0 – 20 Km/h. It is a retrofit modular sandwich design installed at the road surface level. Stainless Steel Load cells are used for a longer product life with better accuracy. This is a cost-effective solution used for a moderate vehicle speed ( 20 Km/h) requirement. System is easy to calibrate, maintain and can be relocate to another location on a need basis.



**HYBRID-150mm**



Standard Tech Specification	Weigh in Motion System
Type	Low Profile Modular Hybrid Type WIM
Capacity	20/30 T
Size	0.7m x 3m
<b>STRUCTURE</b>	Retrofit Modular Design, Relocatable
Structure Material Standards	MS in accordance to the BIS 2062 specifications
Structure Design Standards	STADD Pro III Tested for 150% safe overloading
Structure Safe Overload	150% of the GVW Gross Weight
<b>LOAD CELLS</b>	Stainless Steel Fully Welded Type IP68, OIML, NTEP
Type and Capacity	Super Beam type 10T - 6 nos Load Cells
Ultimate Overload Rating	300%
Mounting Assembly	Mild Steel Plated
Lightning Protection Surge Voltage	Built In
<b>INDICATOR</b>	PLC Microcontroller Based LED Display with Weather Protection
Junction Box	Via USB/Ethernet / RS 232-RS 485
<b>Connectivity</b>	Via USB/Ethernet / RS 232-RS 485
Standard Approvals	Govt of India
Accuracy	Static Mode - 0.5%, Dynamic Mode - + 3% with speed upto 20 Km/h
<b>SOFTWARE</b>	Date, Time, Lane ID, Vehicle Count, Axle Weight, GVW, Class of Vehicle, Overloaded Vehicles
<b>VEHICLE DIFFERENTIATOR</b>	Vehicle data entry display at WIM Controller
<b>LOOP DETECTOR</b>	Auxiliary equipment for vehicle separation.

