

## AHW SERIES ROAD WEIGH FEEDERS



### AWBS SERIES ROAD WEIGH FEEDERS

AWBS series road Weigh Bridges are designed for use in the toughest working conditions. Anti-skid platform is having built in lift off preventors and bumper stops to meet rough working conditions. The electronics is having high resolution and is tamper proof with security passwords. Optional application software is available for use in industrial applications with configurable ticket & report formats.

### SYSTEM FEATURES

- + Weigh bridge designed in accordance with latest IRC Standards.
- + Platform Structure designed to accommodate 150% of Rated load and meets harshest working conditions.
- + Tare limit setting available to prevent manipulation during Weighing.
- + Load cell designed for multi transducer application which ensures error free weighment all along the platform.
- + Plugged bumper stops for limiting platform movement.

### OPTIONAL FEATURES

- + Unmanned system with CCVM Camera to generate and record Vehicle identification photograph against each weighment.
- + Vehicle position identification system with interlocking between weighing electronics and position sensors.
- + Upto 3 Nos. Digital Inputs and Digital Outputs for external interface.
- + Digital Communication via RS232C/RS485.
- + Analog output of 4-20mA for remote display.
- + Indicator with in-built printer interfacing feature.
- + Special Software which ensures zero weight before every weighment.
- + Hidden monitoring software for continuous recording weights over the platform.
- + Load cells with in-built Surge protection.

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### DIGITAL WEIGHING INDICATOR

- + Sigma Delta type 24 bit Analog to Digital converter.
- + Ports for Additional Keyboard, Remote output and communication.
- + Large sized 7-segment red LED display.
- + Buzzer Indication for fault diagnosis and data entry.
- + Hardware jumper lock to secure calibration.
- + 3-point scaling for linearisation of non-linear processes.
- + Options for Smart Calibration as well as Dual Range Calibration.



### LOAD CELL

- + Compression type load cell with 2mV/V Sensitivity.
- + OIML-C3 approved and IP-68 protection.
- + Stainless Steel construction.
- + Safe overload capacity of 200%
- + Non-linearity 0.01% of full scale.
- + Combined error 0.017% of Full scale.
- + Operating Temperature -40 to 80 C



### MOUNTING ASSEMBLY

- + Very low profile mounting assembly requires minimum lifting for load cell replacement.
- + Mounting assembly is of Mild Steel, Zinc Plated Construction.
- + Mounting assembly with Rocking arrangement allows bypass of lateral forces acting during vehicle movement.

### OTHER RANGE OF PRODUCTS

- |                                           |                                      |
|-------------------------------------------|--------------------------------------|
| ● AWBS Series Belt Weigh Feeders          | ● AWB Series Road Weigh Bridges      |
| ● AHW Series Solo/Hopper Weighing Systems | ● AHW Series Furnace Feeding Systems |
| ● AHW Series Batch Weighing Systems       | ● In-motion Rail Weigh Bridges       |
| ● AHW Series Loss Weight Feeders          | ● Customised Weighing Systems        |

Corp. Office - ACME AUTOMATION PVT. LTD., 2nd Floor, 3-6-288/1/B/1, Street No.4, Beside HDFC Bank, Hyderguda, Hyderabad-500 029. Tel : 040-65656519.

Registered Office & Works - 18-K, Light Industrial Area, Bhilai - 490 026 (C.G.)  
Tel : +91 0788- 6053333, Fax : +91 0788- 2285917