



# ON BOARD WEIGHING SOLUTIONS TECHNOLOGY CONCEIVED FOR YOU



- REAL TIME PRODUCTION CONTROL
- SELL MATERIAL WITHOUT WEIGHING BRIDGE
- MANAGE THE WORKING SITE DIRECTLY WITH THE LOADER OPERATOR, ONLY
- ALL THIS CAN BE DONE WITH ADITYA ONBOARD WEIGHING SOLUTIONS, SINCE 15 YEARS A CERTAINTY IN THE INDIAN MARKET.

## Applications



[www.adityaweighing.com](http://www.adityaweighing.com)  
[info@adityaweighing.com](mailto:info@adityaweighing.com)

# WHEEL LOAD WEIGHING

Approved for commercial use, the ADITYA TECHNOLOGIES wheel loader scale enables quick and efficient weighing while loading and moving materials with the wheel loader. Weighing information collected to the memory of the scale can be printed with each weighing or transferred to be utilized for business activities via a cloud service or integration directly to an ERP or other system. The accurate scale improves safety as well, as damage caused by overloading can be avoided and the railway wagon and truck can be loaded accurately without exceeding the allowed weight limits. Safety can also be increased with features such as an immobilizer system.



1

On-board instrumentation HM+



2

Contactless weighing zone sensor for weight reading.



3

Load sensors installed on the hydraulic circuit of the lifting arms. One sensor is installed on the main pressure side of the lifting cylinder, while the second sensor is installed on the anular side.

## ADVANTAGES

### • IMPROVE PROFITS

Eliminate the cost of double handling of material by loading right the first time.

### • AVOID OVERLOAD FINES

Accurate weighing ensures railway wagon/trucks are loaded to the correct value.

### • KNOW MATERIAL MOVEMENT

Track loads by material, customer, truck and Job ID using the one-touch scroll key interface.

### • IMPROVES PRODUCTIVITY AND EFFICIENCY

Correct loading means cycle times for railway wagon and truck loading is reduced by preventing truck turnarounds at the weighbridge. Load each truck to its maximum weight means there are no unnecessary trips.

### • CONTROL COSTS

- Minimise fuel usage of loaders and trucks and maximise tonnes per litre.
- Maximise the utilisation of the machinery already on site by identifying unused capacity.
- Reduce haulage costs by avoiding unnecessary trips caused by under loading.

## LOAD YOUR TRUCKS OR MOVE YOUR INVENTORY WITHOUT GUESS

The most simple and cost-effective solution combined with Aditya weighing technology makes it the ideal tool for primary weighing requirements. With its small size it can be fitted into the most convenient spot in the cabin

- Blue / White LCD display
- User friendly interface
- Plug and play connection with the printer - Easy mounting and positioning

## FEATURES

- In-motion weighing
- Accuracy of 0 to  $\pm 1\%$
- Real-time bucket tip off
- Product listing
- Product production recording
- Load ID listing with targets
- One loader calibration
- Blending
- 25 ton maximum bucket capacity
- Two calibrations now available

### Option :

- High speed thermal printer

## EASY PLUG & PLAY PRINTOUT

HIGH SPEED THERMAL PRINTING FOR YOUR TRUCKS LOAD OUT RECEIPTS

The Printer is Plug and Play for an easy add-on. Print your truck loads right on the spot!

### Printouts available are:

- Truck load out
- Recipe loading
- Products sales overall total

## MINI, ROBUST & ACCURATE

**Mini but strong with all the credentials for an accurate weighing**

- High precision
- Minimum components with no junction boxes - Prevent overloading/underloading
- Target and Incremental Weighing
- Product loadout tracking
- Truck load printout
- One Recipe for mixing operations




HM+	
STONE & GRAVEL DEPOT	
07-25-2016	17:07
CODE	TOTAL
GRAVEL 0/35	(ton)
SAND	5.40
LOADED TOTAL	
12.00ton	
No. weighings	4
-----	
Load ID STEVE	
Ticket N.	10

# OUR CLIENTS



## CONTACT US

 #20/1, 12<sup>th</sup> Avenue, Vaigai Colony, 1<sup>st</sup> Street,  
Ashok Nagar, Chennai - 600 083.

 +91-93800 09748 / +91-81442 82226

 info@adityaweighing.com

 www.adityaweighing.com

