



INDUSTRIAL AUTOMATION



AN ISO 9001 : 2015 Certified

- WEIGHBRIDGE
- WEIGHBRIDGE SOFTWARE & CCTV INTEGRATIONS
- UNMANNED WEIGHBRIDGE SYSTEMS
- WEIGHBRIDGE SPARE
- WEIGHBRIDGE AMC



ABOUT US:

We are offering an extract of 10 invincible years of Weighing Solutions. I.e. Industrial Truck Scales, Weighing Scales, Industrial Weighing & Automation. We are having thorough expertise in this industry. We have AN ISO : 9001 - 2015 certified Company at Patna Bihar, India. We have been Supply ISO Certified Industrial Truck Scales, Laboratory Balance & Industrial Automation with the objectives to cater quality and aim to serve entire weighing solution to our domestic clients. We are traits to quality Supply, simultaneous services like accurate installation and make spare available to our clients as required. We design best...we have best calibrated... We craft best...we weigh best and accurate ...Our aim to build weigh bridge between Quality Demand and Best Outputs

WHY YOU SELECT - "OUR COMPANY"



AN ISO 9001 :
2015 Certified
Company.



We have more
than 10 Years
un-beatable Experience
of Industries



Our motto - offer a
reliable truck &
Trailer Size Weighbridge,
this is accurate,
easy install & more durable



We Design
customized
Truck Scale
to suite customer
need.



We offer
365 days
stand by service,
support for
our customer
business
Relationship.



We offer
after sales
Service &
Spares Facility.....



We have qualified
service engineer
who are always
available to
address even
complex needs.

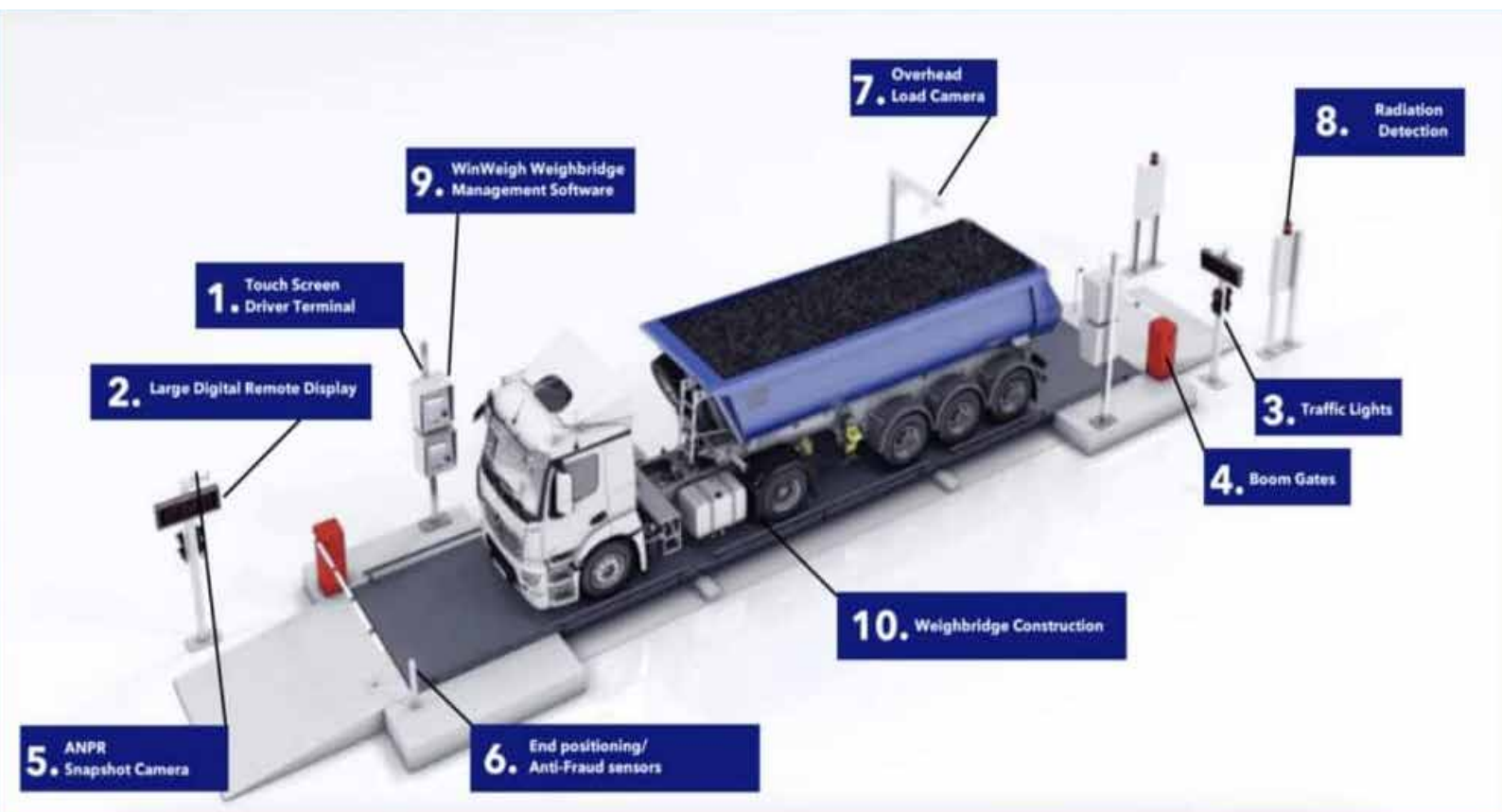


We Design
Export Quality
& Guaranteed
Truck Scale
& Equipment's.

WHAT IS WEIGHBRIDGE?









Weighbridge is used to determine the weight of goods bought and sold in quantities expressed in full loads. In that case the information provided by the weighbridge is an essential element of the commercial transaction. The truck scale works, ultimately, like a cash register.



MODULAR WEIGHBRIDGE



PRODUCT FEATURES

-  Customized orthotropic beams designed precisely for the purpose of truck scale application. These orthotropic beams are a global norm today and world-leaders like Mettler-Toledo are aggressively using these designs across Europe and America.
-  The structure incorporates epoxy based paint technology with dual paint coats to give a superior finish and long life to the structure to give excellent results in the long run.
-  Designing superior structures with precise designing using latest CAD and CAE Procedures.
-  Tested using actual industrial loads ensure a robust product.
-  Heavy Duty fabrication using branded high UTS Steel.
-  Non Destructive Test methods used to test the strength of each fabricated structure in actual loaded condition.

Modular Weighbridge (Foundation-less) supplied with bottom frame and prefabricated ramps. It helps in cost-effective transportation and re-installation, needs no foundation or pit, just needs a hard and plain surface to rest load cell plates. It can be installed in a few hours compared to taking a couple of days of installing a surface or pit-mounted weighbridge. It is suitable for temporary sites.



Silent Features of Modular Weighbridge

- Quick & economical bolt-down installation with simple foundation
- Fully Welded Platform Structure
- No special foundation required hence reduces civil engineering cost
- Designed for heavy Weighment & harsh environment
- Weighing Capacity : 200 Ton
- Platform Length : 6 Mtr to 24 Mtrs
- Platform Width : 3 Mtrs
- Modules : 2/4/6/8 or more.....
- Can be placed directly in the wheel path of vehicle Rugged structure, but still be implemented easily

RAMPS: In the case of surface-mounted weighbridges, approach ramps are required which can be of concrete or steel structure. Remember that ramps take the brute force of being hit by a vehicle as it mounts the ramp. Concrete can offer longevity, while steel is ideal if the weighbridge is likely to be moved.



CONVENTIONAL WEIGHBRIDGE



CONVENTIONAL NUT & BOLT STRUCTURE

Pit type steel deck weighbridge and Pit less type steel deck weighbridge fully electronic truck scales series are new generation products with good points of multi-structure truck scales. SMW are researched and developed by us and widely adopted now. They have been tested with heavy-load for a long time and are optimized gradually. Their main beams and auxiliary beams are made of rigid sectionsteels like I-steel. High quality steel plates are selected and used for its platform, and its scale body is reasonably pieced into separate parts. While welding, we use the special technique and clamps, precision measure technology of space positioning and advanced weld-technique, so as to ensure the level degree of large area, the space geometry-dimension and the rational distribution of weld stress. The entire steel framework is mounted on strain gauge Double Ended Ball-Cup Type Load Cell/Double ended shear beam/Compression Type Load Cells (4, 6, 8 & 10 No's. Load Cells), depending on length of the platform.

This type of weighbridge is most suitable for places with limited space e.g. non-hilly areas where the construction of pit is not a costly affair. Since the platform is in level with the ground, vehicles can approach the weighbridge from any direction. Most public weighbridges prefer this design.



Benefits

Lesser Space Required
(As it has no ramps)

Rickshaws & Tractor
Trolleys can also be
weighed as platform
is in flush
with ground Level.

No Ramp require
for turck movement
because it is installed
in land surface level.



STEEL CUM RCC WEIGHBRIDGE



With ever-rising steel prices, it makes great economic sense to install concrete platform weight bridge. Apart from low cost, it offer high strength and is virtually maintenance free - requiring no painting every year. It's life is 80 to 100 years as compared to that 15 years of a typical steel platform. Due to the advantages of concrete platforms, the developed world had been using them for over 30 years. to see the different advantages of these of weighbridge all the developed countries has been using the same over 25 years. The reinforcement cement concrete based weighbridge can bear heavy loading trucks or weighing. Due to that all the weighbridge in the city or on the road are manufactured with concrete platform

Benefits

As Compared to steel platform Weigh Bridge, Concrete Weighbridge are maintenance free and economical as it does not require painting every year. The part do not get rusted, absorbs more vibrations, capacity can be increased without using extra material, no bending of steel structure, no effect of lightening

Price of R.CC W/B are very economical. It is almost 40%

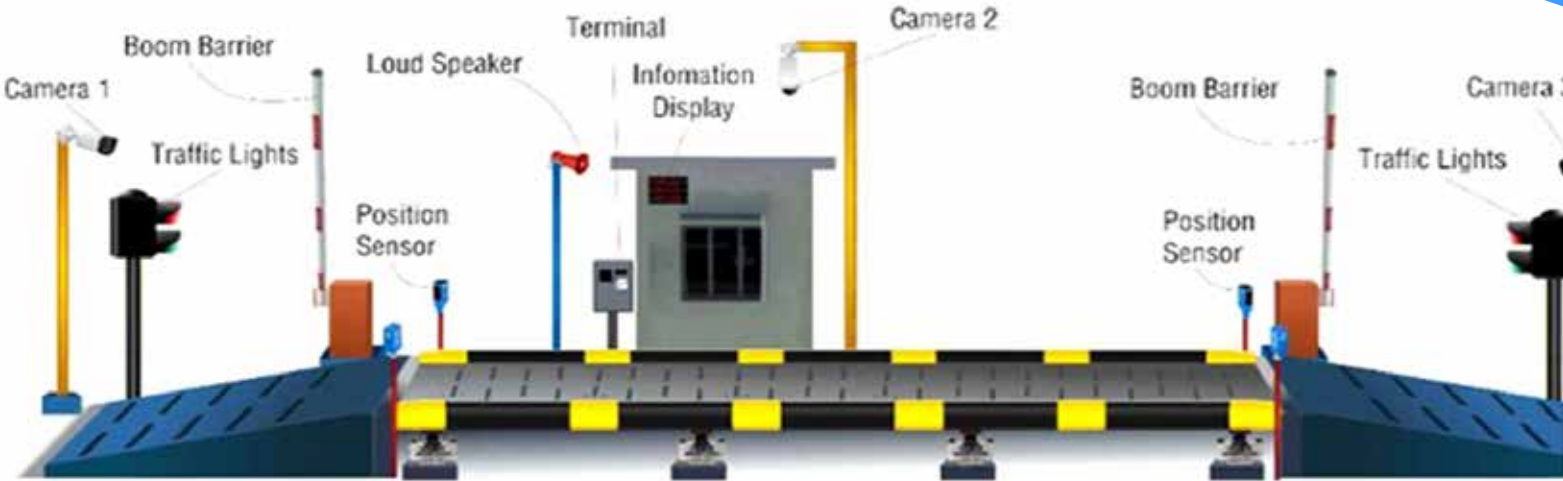
less then that of steel W/B.

In R.CC W/B there is Zero Maintenance.

Life of RCC Structure is Approx Fifty years.

Install Both type Pit/Pitless.

UNMANNED WEIGHBRIDGE SYSTEMS



A fully automated weighbridge is particularly useful in increasing efficiency for repetitive runs made by prequalified vehicles delivering or collecting stock/materials. The initial investment is paid back by savings on personnel, the speed and accuracy of the system's data, prevention of product giveaway and the potential to extend operating hours, even to a 24/7 operation. With the right software, the weighbridge can be part of a wider security and traffic management system, e.g. in addition to collecting data about the vehicle and driver, tare and loaded weight, load details and date and time, there may be photographic records of the vehicle, the driver and the load taken by CCTV cameras — these all form part of your security system for your operation. It can also collect photographic proof of the load carried in or off-site. With the latest compression technology, these images can be archived for later reference, if needed. These images are a powerful deterrent against theft and help resolve invoice/bill queries. An important benefit and cost minimization strategy of an unmanned system is that it helps enforce health and safety. It eliminates the need for the driver to leave the cab whilst on the weighbridge and can prevent a vehicle from leaving the site if its load capacity exceeds a pre-set weight on the weighbridge.

The modern automated weighbridge is at the heart of your operation. To unlock its full potential and help your business save costs, consider an investment in an automated, unmanned system.



NATIONAL CEMENT CO. LTD					
Customer No.	Material	Weight	Rate	Total	Time
184729	CEMENT 32.5	19420	11420	221800	11:42:00
184729	CEMENT 32.5	19420	11420	221800	11:42:00



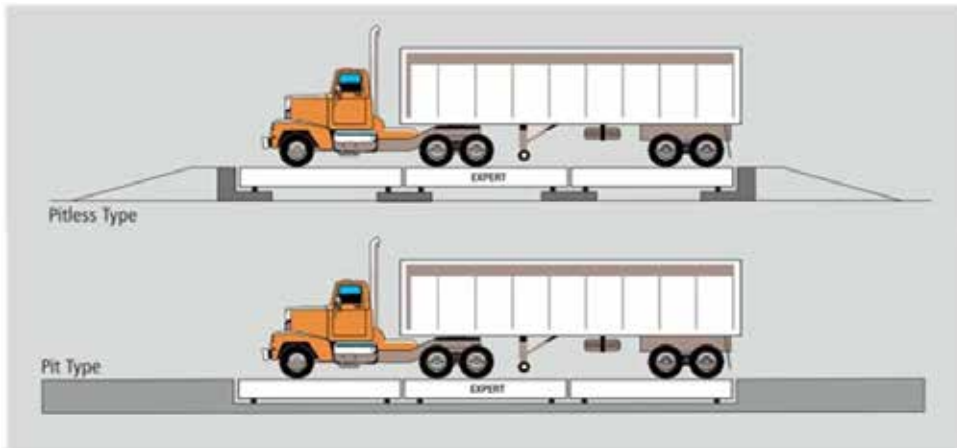


Summary of charges

From Date: 11-05-2012 01:00
To Date: 12-05-2012 01:00

Charge	X	Rate	=	Amount
40	X	10	=	400
40	X	5	=	200
100	X	10	=	1000
200	X	1	=	200
Total				1800

TYPE OF WEIGHBRIDGE INSTALLATION



Pit-less Type

Pit-Type

PIT TYPE WEIGHBRIDGE

This type of weighbridge is most suitable for places with limited space e.g. non-hilly areas where the construction of pit is not a costly affair. Since the platform is in level with the ground, vehicles can approach the weighbridge from any direction. Most public weighbridges prefer this design.

Benefits

- Lesser Space Required (As it has no ramps)
- Rickshaws & Tractor Trolleys can also be weighed as platform is in flush with ground Level.
- No Ramp require for turck movement because it is installed in land surface level

PIT LESS TYPE WEIGHBRIDGE

This type of weighbridge/Truck scale is most suitable where the excavation work for foundation is difficult or construction of pit is expensive. Since the structure is above ground level, vehicles can approach the weighbridge only from two directions where the ramps are provided. This type of weighbridge requires more space

Benefits

- Costly Pit construction is eliminated.
- Platform above ground level- No water logging during rainy season
- Problem of pit maintenance is eliminated.
- Easy maintenance since all parts accessible above ground level.
- In Pitless weighbridge RCC ramp work must be required atleast 3 meters for both side for easy movement of vehicle.

WEIGHBRIDGE SPARE

TRUCK SCALE LOAD CELL

The load cell is the part of any scale that measures the weight or force being applied. The cells convert the force of the load into an electrical signal, which is further processed by a digital weighing indicator. A Truck Scale can have 4 / 6 / 8 / 10 / 12 or even more load cells.



MULTI-ENDED SHEAR BEAM LOAD CELL - ANALOG & PRE-CAL DIGITAL

Available as single or double ended shear beam (the latter being more common in Truck Scale), this type of load cell can offer slightly lower prole & less sensitivity to side-loads, but often with poorer sealing (IP68) & corrosion resistance (Tool Alloy Steel).



ROCKER COLUMN COMPRESSION LOAD CELL

Also known as canister type due to shape of its housing, these are the most popular choice for weighbridges in India. Compression type load cells using self-aligning (rocker) mounting enable the structure to oat freely on the load cells. Excellent sealing and environmental protection is feasible. It is recommended to go for IP68 (immersion) and IP69K (pressure cleaning) certified products and with stainless steel construction for longer useful life.



DOUBLE ENDED LOAD CELL

A double-ended load cell, also known as a double-ended shear beam load cell, is a beam with two mounting points on opposite ends and a load point in the middle. It's used in applications where the load needs to be centered on the load cell, such as in larger weighing applications.





INTELLIGENT TERMINAL (DIGITIZER)

Latest weight indicators with intelligent terminal to be used for weight bridge application. It has multiple functions for data processing. It can be used for data entry and ticket printing with weighing application.

SILENT FEATURES OF DIGITIZER:

- No Need to use Computer System for our Terminal
- Sleek Table Top display - Easy to Operate
- 1" RGB Multi Blue Display (Optional : Touch Screen Display)
- Green LCD Display for Data Entry
- Large Memories (Data Storage) Facility
- Three USB Port for Keyboard, Printer & Pendrive
- Smart Calibration to correct small errors in weight display
- Calibration Security Hardware lock
- Multi Level Password for Security
- Serial RS232 port for PC Communication & Remote Display
- GSM Port for SMS Facility (Modem Charges will be Extra)
- Optional Facility for E-Mail Data Transfer Facility
- Optional Facility for Wireless Display & Wireless Serial Port
- Strong SMPS Power Supply for Protection



JUMBO DISPLAY

Launching its Series of easy to read LED remote displays. Available size of 25, 50, 100 & 150 mm digits the high intensity, red LED characters can be seen from Long Distance & with a altered lens are clearly visible both indoors and outside.





JUNCTION BOX

Latest weight indicators with intelligent terminal to be used for weight bridge application. It has multiple functions for data processing. It can be used for data entry and ticket printing with weighing application.



PRINTER

Most Suitable Printer for Electronics Truck Scale - 80 column printer for printing receipts & Reports of Truck Scale Data. It's wide input operating voltage makes it more ideal for user conditions which are challenged by power consumptions.



UPS SYSTEM

UPS System is a featurerich reliable off-line UPS designed for Truck Scale Electronics System, It has an automatic voltage regulator(AVR) Designed with simple controls for easy operation, provides more than enough time to save work in process before shutting down the system.



SOFTWARE

Easy to Use Windows Based Truck Weighing Software, it will Provide Secure with Various Facility Like CCTV Image Capture, RFID Integration, Barrier Gate, Integration, We Provide two types of Truck Scale software

- Desktop Application
- Web Based Application



RS 232 Connection



MINI WEIGHBRIDGE

Mini Weighbridge are utilized for empty weight of the vehicle and to weigh Individual items. Such as Rod, Steel, Angles, Sheet etc. which is eliminate double loading. That means loading the material on weighing machine and reloading the material to the vehicle.

PLATFORM SIZE

2000X2000(MM)

2000X4000(MM)

CAPACITY UPTO

5 TON

15 TON

ACCURACY

5 KG

10 KG

Recommended for Weighing LMV & Medium Sized Vehicle



TRY OUR AMC

Our organization has risen to prominence in providing Electronic Weighbridge AMC Service to our clients For successful accomplishment of this service, we make sure to use best grade components and advanced technology We are notable for accomplishing this service in the estimated duration in order to accomplish their objectives We are equipped with all the necessary tools and make use of latest technology for rendering this within specified time frame.



FEW VALUABLE CLIENT



CEE

Centre for Environment Education







ABLAZE BIOMASS FUEL



CONTACT US

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