



SINCE : 1998



WEIGHBRIDGE



AN ISO 9001-2000 Certified



About 'PRIME'

- We at 'Prime' offering an extract of 20 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 : 2000** certified manufacturing unit at Ahmedabad Gujarat, India.
- We have been Manufacturing **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 and international clients.
- We at 'Prime' has traits to quality manufacturing, simultaneous services like accurate installation and make spare available to our clients as required.
- We design best...we have best calibre... We craft best...we weigh best and accurate ...Our aim to build weigh bridge between Quality Demand and Best 'Prime' Outputs.

STATIC TRUCK SCALE

- Our steel Truck Scale decks offer higher strength, greater reliability and faster installation than conventional systems. Their simple foundations, fast, bolt-down sitting and innovative box construction have made them the preferred choice of operators across the country. You can choose either a Surface Mounted or a Pit Mounted **TRUCK SCALE** depending on the space availability. The platform of the truck scale is designed to withstand harsh environmental conditions.

PIT MOUNTED TRUCK SCALE



This type of Truck Scale installed in a pit, keeping them flush to the road surface. Because these bridges do not require ramps, they take up less surface area, making them ideal for smaller areas or sites where space is at a premium. Initial civil and foundation work can make pit installations a more expensive option. A pit is also prone to piling of debris and water logging, requiring provision of sump-pumps & manholes for maintenance purposes. Guide-rails are not required for pit mounted bridges.

This type of Truck Scale sits above of the road surface & requires ramps on either end to allow the vehicles to access the platform. The amount of civil foundations work required is reduced for surface mounted scales, but the overall space requirement is more, which increase the overall footprint of the 'Truck Scale' as well as the turning circle for vehicles approaching the bridge. Generally, surface mounted 'Truck Scale' require guide rails fixed on the sides of the platform, which help vehicles to be aligned centrally on the bridge.

SURFACE MOUNTED TRUCK SCALE



Why You Select - "PRIME"

- Our **MOTO** Offer a reliable truck & trailer Scale that is accurate, easy install & use more affordable than any other.
- We have **20 Years** un-beatable Experience of Industries
- We made customized Truck Scale to suit your needs
- We design Export quality and Guaranteed Truck Scales
- We offer **365** days stand by service, support for Our Customer Business Relationship
- We have qualified engineer who are always available to address even complex needs
- We offer after Sales Service & Spare facility...

MOBILE TRUCK SCALE



OFF-ROAD TRUCK SCALE



RCC TRUCK SCALE



FOUNDATION LESS TRUCK SCALE

Our Truck Scale (Mobile & Modular Type) needs no foundation, just smooth hard surface on which the load cell plates rest. This saves lots of cost & time. Static Truck Scale foundation & installation takes 2-3 months while Foundation less Truck Scale can be installed in 3 to 4 hours. These Truck Scale can also be shifted to another site easily. The modular design helps in easy cost effective transportation & re-installation.

MODULAR TRUCK SCALE

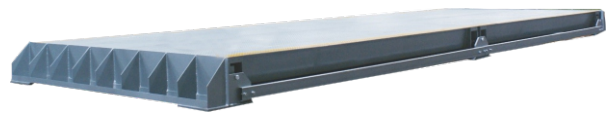


MODULAR TRUCK SCALE (RAMP)



SALIENT FEATURES

- Quick & economical bolt-down installation with simple foundation.
- Fully Welded Platform Structure (Flexible Module Design)
- Easy loading/unloading Quick Installation
- Box Channel (Hollow) & Fully Welded I-Beam Type
- Checkered & Plane plate with anti-skid strips
- Weighing Capacity : 200 t
- Platform Length : 6 Meter - 24 Meter
- Platform Width : 3 Meter - 4 Meter
- Both Side Vehicle Guide Rails
- less Civil required & Saving cost of foundation 1 to 3 Lacs.



RAMPS: In the case of surface mounted Truck Scale, 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.

AXLE TRUCK SCALE



Multi Axle Truck Scale is a cost & space efficient alternative to use a full size Truck Scale, Any Vehicle may be weighed regardless of it's length or number of Axle.

- Low Cost Truck Scale & Installation in a 1 or 2 Day's
- Platform Size : 3 Meter to 8 Meter long.
- Weighing Capacity : 100 / 150 t
- Very Low Civil Foundation & Quick and easy to use
- Axle Software which gives control & accountability
- Rugged instrumentation to gives seamless performance

UN-MANNED TRUCK SCALE

Unmanned weighbridge systems can automate processing of vehicles without the need for a dedicated operator, reducing operating costs and extending the hours of availability. Adding RFID (Radio Frequency Identification), boom barriers at entry / exit of weighbridge, sensors for truck positioning, camera surveillance with snapshot capture at weight recording, variable message displays / traffic lights and voice guidance can help in managing traffic flow and also improve security.



SINGLE AXLE TRUCK SCALE



TRUCK TIPPLER



WEIGH PAD

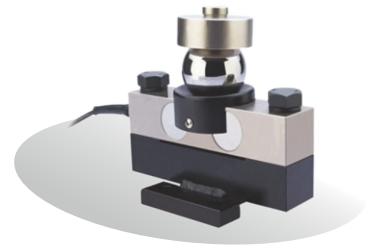


TRUCK SCALE LOAD CELL

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.

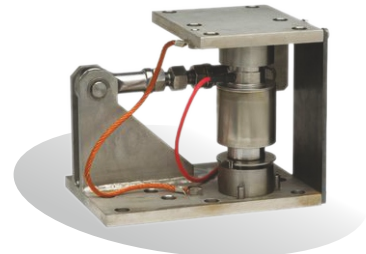
MULTI-ENDED SHEAR BEAM LOAD CELL

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 profile & 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 Truck Scale in India. Compression type load cells using self-aligning (rocker) mounting enable the structure to float freely on the load cells. It is recommended to go for IP68 (immersion) & IP69K (pressure cleaning) certified products & with stainless steel construction for longer useful life.



INTELLIGENT TERMINAL (DIGITIZER)

EWS-1245 Expert's latest weight indicators with intelligent terminal to be used for weigh bridge application. It has multiple functions for data processing. It can be used for data entry and ticket printing with weighing application.

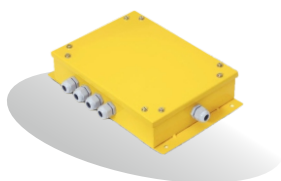
SILENT FEATURES OF DIGITIZER:

- Sleek table top display - Easy to Operate
- Large Memories (Data Storage) Facility
- Vehicle wise data entry and report printing
- Smart calibration to correct small errors in weight display
- Calibration Security Hardware lock
- Option for USB Port for Keyboard & Data backup in Pen Drive
- Option for alphanumerical LCD, Graphical LCD, VFD & LED displays
- Multi Level Password for security
- Serial RS232/RS485 port for PC communication & Remote Display
- External SMPS Power Supply (for safety of Load Cells & Other Electronics system)
- RF communication in built to connect remote score board display (Wireless Communication)
- Optional Facilities for Email & SMS



JUNCTION BOX

Load cell junction box has been designed for the use of summing the signal outputs from multiple load cells the body of the junction box is constructed using thick MS sheet and is powder coated to withstand harsh environmental conditions.



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 filtered lens are clearly visible both indoors and outside.



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 fluctuations.



UPS SYSTEM

UPS System is a feature-rich 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

