



*Perfect weighing solution*



## About Us

"Torrant Instruments", Established in the year 1995, we are an eminent organization involved in manufacturing & Exporting of all type weighbridge & Weighing scale Load Cells. We at Torrant are Proud to inform that our Company Provides Complete Weighing Solution from 1kg to 200 Tons with the state of art manufacturing technology. Additionally, we also manufacture a range of Weighing Scales for our esteemed patrons. All our products are manufactured following international quality standards. Before the end delivery, all our products are tested by a team of quality controllers on varied parameters.

We are a customer oriented firm, which strives in attaining optimum satisfaction of our respectable clients. For the ease of our patrons, our team of experts ensures that only quality-adhering product range is delivered at the clients' destination within the stipulated time-period. Our ethical trade practices and client-centric approach are the factors that have enabled us to gain the trust of large number of patrons.

Under the visionary guidance of our Owner, 'Mr. Ashwin M. Patel', we have carved a remarkable position for ourselves in this cut-throat era of competition. His detailed industry knowledge, business acumen and constant inspiration, have enabled us to stand ahead of our industry counterparts

## Our Infrastructure

For having organized execution of all the business activities, we have constructed a state-of-the-art infrastructure facility at our base. The infrastructure of our firm spreads over a vast area of land, supporting us in executing all our business activities in a synchronized way, under one roof. Our infrastructure is equipped with latest machines and tools that are required for undertaking smooth production process. To retain the excellent production rate, all our machines are regularly upgraded. Moreover, for the proper management of our infrastructure, we have appointed a team of deft professionals.

**These experts have divided our infrastructure into the below mentioned units, for efficient working and scheduled completion of all the business tasks:**

- Manufacturing unit
- Quality testing unit
- R&D unit
- Administrative unit

## Quality Assurance

Since our commencement, providing the excellent quality products to our clients is the importance for our enterprise. For maintaining this, we have adopted a TQM policy for all the stages of business proceeding. The products offered by us are developed using high quality raw material in compliance with the advanced technologies. Moreover, a team of quality analyzers is appointed by us for the stringent checking of all the products. After being manufactured, our products are inspected by these experts to ensure their flawlessness and perfect designing.

**Following are the grounds on the basis of which our products are tested:**

- Design
- Construction
- Performance
- Durability
- Functional efficiency



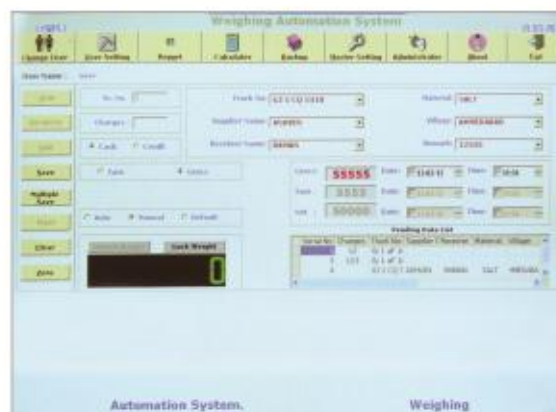
## PC Base Electronic System

Jumbo Display (Optional)



## Weighbridge Software

Weighment Slip



## Load Cell Technical Detail

Accuracy Class	: OIML R60 C3
Rated Out Put (mV/V)	: $2.0 \pm 0.002$
Non-Linearity (%FS)	: 0.017
Zero Balance (%FS)	: 1.5
Temperature, Compensated ( $^{\circ}\text{C}$ )	: $-10 \sim +40$
Temperature, Operating ( $^{\circ}\text{C}$ )	: $-35 \sim +65$
Excitation, Max. (V)	: 18 (DC)
Safe Overload (%FS)	: 150
Ultimate Overload (%FS)	: 300
Protection Class	: IP 68



Cub & boll - Load - Cell

## Intelligent Terminal

Processor	: 32bit Processor.
Processor clock frequency	: 50 MHz.
Real Time Clock	: On Board Battery backed RTC.
RTC Clock frequency	: 32.768 KHz.
Memory	: 2GB for data storage. Capable of storing approximately 2lac weighment records.
Power supply	: SMPS power supply.
Input Voltage	: 90V to 270V AC @ 50HZ.
Display	: 16 characters by 2 line LCD display with backlight for displaying numerals and alphabets for date entry and 6 digit 1/2" RED LED numeric display.
Keyboard Port	: 101-key with USB connector compatible keyboard. (Recommended for use -> Logitech or Microsoft).
USB Port	: USB Port Configured for Pen Drive.
Printer Port	: Isolated Centronics compatible printer port provided on rear panel for connecting 80 - column dot matrix printer for printing of weighment record and reports.
Serial port	: Isolated RS-232 serial port is provided for computer interfacing, driving remote displays and modem.

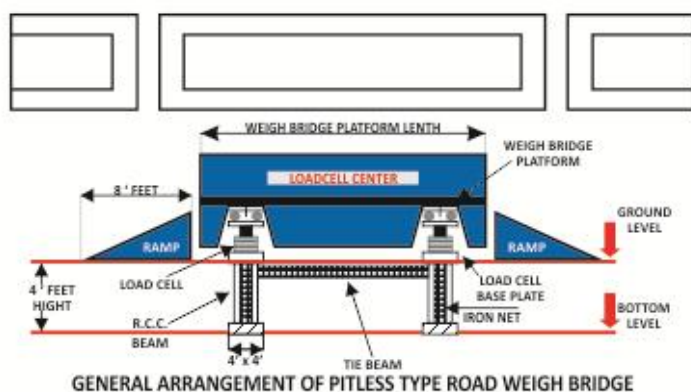


Intelligent Terminal

## Pit Less Type Weighbridge

### Benefits :

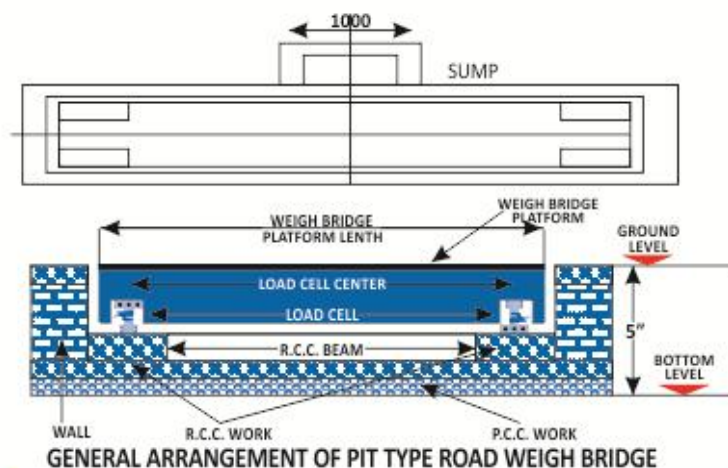
- Costly Pit Construction is Eliminated.
- Platform Above Ground Level - No Water Logging During Rainy Season.
- Problem of Pit Maintenance is Eliminated
- Easy Maintenance Since All Parts Accessible Above Ground Level.



## Pit Type Weighbridge

### Benefits :

- Most Preferred in Public Weighbridge Design
- Lesser Space Required (As it has no ramps)
- Rickshaws & Tractor Trolleys can also be Weighed as Platform is in Flush with Ground Level.





## Mobile Weighbridge

- Modular Design- Supplied Complete with Platform, Bottom Frame and Ramp
- Pit Foundations not Required
- Installation Within few Hours
- Can Be Easily Relocated
- Saves Time and Construction Costs Significantly Ideally Suited for Sites
- Wherever Frequent Relocation is Desirable.
- Due to Constant Innovations and Up Gradations all Specifications are Subject to Change Without Prior Notice.



## Portable | Axel | Pad Weighbridge

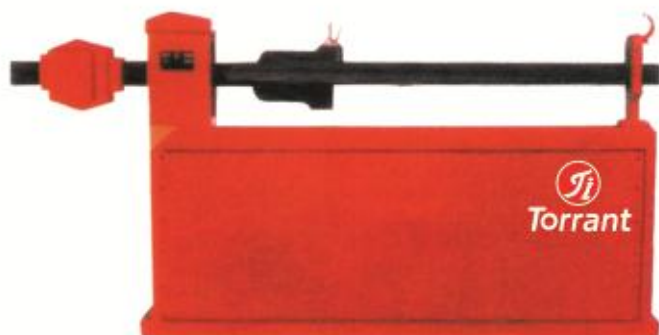


## Weighbridge & Industrial Automation



- Camera / Monitoring System
- Barrier Gate
- Traffic Light Indication
- Wireless Indicator & Display
- Sound Alert System
- i-SMS Alert Facility
- Auto Mail Data Transfer Facility
- PC Base Customize Software & Automation
- Micro Controller Base Solution
- Drum Filling
- Bag Filling
- Batching Systems
- Tank Weighing Systems
- Process Control Automation

## Mechanical to Electronic Conversion Kit.



- Easy to operate
- Sustained Accuracy
- Complies with IS : 1436-1960
- Heavy duty non - skid platform
- 3,5, & 7 Lever System
- Higher Performance and longer life
- Torrants Stands for Durability and perfect performance

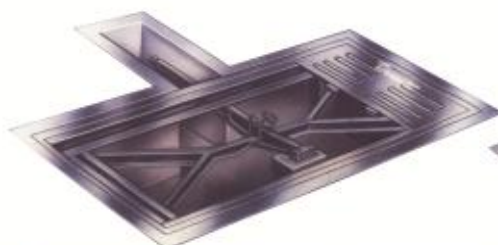
S-Type Load Cell



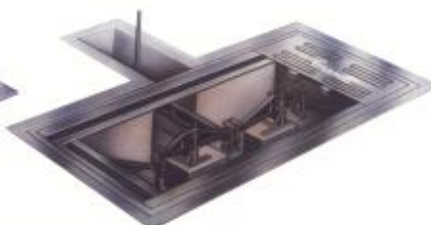
We are trustable firm, engaged in offering service for Conversion of Weighbridge. With the use of advanced technology and latest equipment, we provide effective solution for converting weighbridge. Weighbridge is an ideal weighing solution and we have the skills to convert the weighbridge in an effective manner.

## Road Transport Weigh-Bridge

3-LEVER SYSTEM



5-LEVER SYSTEM



7-LEVER SYSTEM  
(NON-SELF CONTAINED)



## Accsecories



S-Type Load Cell



Cub & boll - Load - Cell



Compression Type Load Cell



Single Ended Shear  
Beam Load Cell



Shear Beam Load Cell



Indicator RS 232



Intelligent Terminal



Load-Juction-bord

We offer Digital Weight Indicator which is used in simple weightment. When truck comes on the platform, a customer can see only weightment. But it has optional Rs 232 Port facility, so that with the use of port we can interface indicator with PC & software & get printout or data. Indicator has inbuilt battery backup facility. We are offering them at competitive prices.

## Our Other Products

Plate Form Scale  
(SS & MS Heavy Duty)



Bench Scale  
(Front & Back Display)



Counter Scale



Front & Rear Display



Micro & Jewellery Scale



RS-232 Interface  
System Indicator



Crane Scale



Manufacturers & Exporter :



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