



MANUFACTURERS OF QUALITY

Road Weighbridges SINCE 1982



LET US WEIGH YOUR PROBLEMS AND FIND A SOLUTION

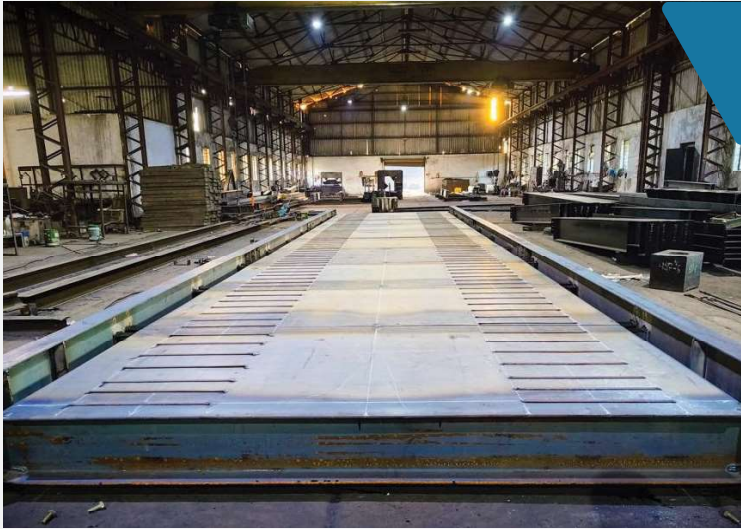
www.jyotiweighing.in | Toll Free: 1800 891 8490



About Us

JYOTI (since 1982) is one of the leading manufactures of weighbridges up to 200 MT capacity having most modern plant at Dewas (M.P.) with assembly area of 4700 sq. m having more than 100 MT of standard weights for testing of weighbridges with 3 no.s E.O.T cranes. We are manufacturing more than 600 weighbridges every year.

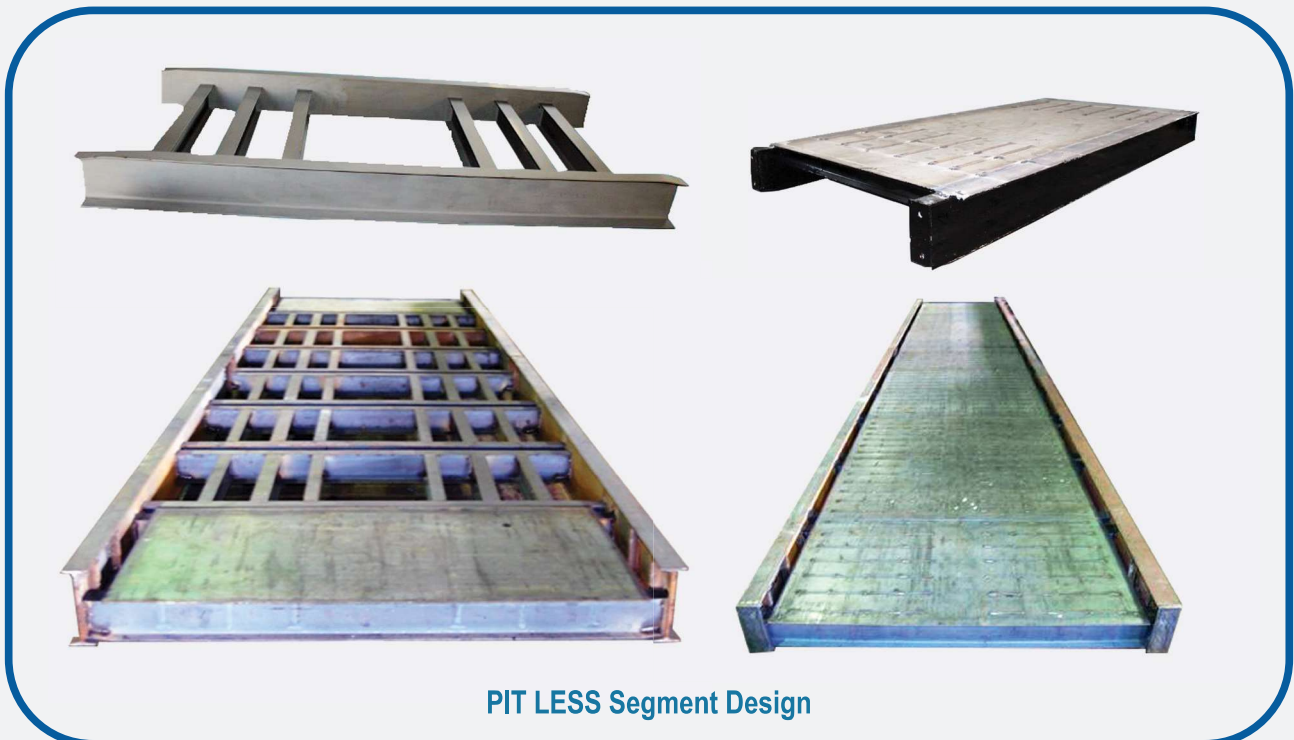
The platform structure design and civil drawing has been approved by IIT, New Delhi, and having STAAD Sturcture Analysis Report.



Platform Size in Meters	Capacity in Metric Tonnes	Number of Load Cells
7.5 x 3	40/50/60	4
9 x 3	50/60	6
10 x 3	60/80	6
12 x 3	60/80	6
13 x 3	60/80	6
15 x 3	80/100/120	8
16 x 3	80/100/120	8
18 x 3	80/100/120	8

We offer weighbridges in PIT Less Type (Surface mounted) and PIT Type (Ground Level).

In the PIT less type, the segmented design is unique with box type segments comprising of 7/8 No long girders for transmission of load equally on all members ideally suited for heavy Lorries with concentrated load on back wheels/ axles. Simple bolting of segments to main girders automatically aligns the structure making it ideal option for mobility of weighbridges from one side to another.



PIT LESS Segment Design

Pit Less Weighbridge

This type of weighbridge is appropriate where the excavation work for foundation is challenging or construction of pit is expensive. Since the structure is above ground level, vehicles can approach the weighbridge from both directions where the ramps are provided. This type of setup requires more space.

(Benefits of Pit Less Weighbridge)

- Costly Pit construction is eliminated.
- Platform above ground level- no water logging during rainy season.
- Problem of pit maintenance is reduced.
- Stress-free maintenance as all parts are accessible above ground level.
- Very robust and tough in structure.
- Cost effective - as less excavation is required.



Pit Type Weighbridge

This type of weighbridge is most suitable for places with limited space. Likewise – Non hilly areas where the construction pit is not a bumpy affair. Since the platform is in level with the ground, vehicles can approach the weighbridge from any direction. Most public weighbridges prefer this sort of setup.

(Benefits of Pit Type Weighbridge)

- Smooth movement of vehicles on platform.
- No ramp (Lesser space) required for truck movement as it is installed at ground level.
- Pit type weighbridge can be customised in various dimensions as per the needs and requirements of our clients.
- Designed for rigorous and harsh environment and heavy vehicle usage.



Mobile Weighbridge

Mobile weighbridge is generally above the ground with the least foundation cost, it can be installed in such a manner that vehicles can drive through the path. The whole weighbridge is made up of prefabricated blocks that can be easily transported, erected and dismantled at the location. This weighbridge is available with/without prefabricated MS - ramps.

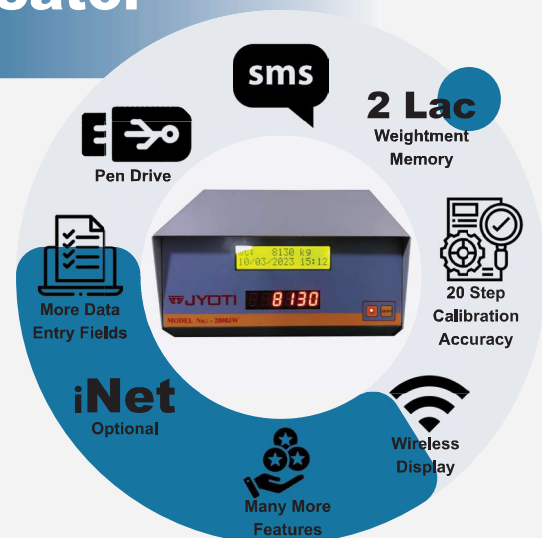
(Benefits of Mobile Weighbridge)

- No civil work required.
- The weighbridge can be installed within 2 hr.
- Steel ramp provided along with the weighbridge.

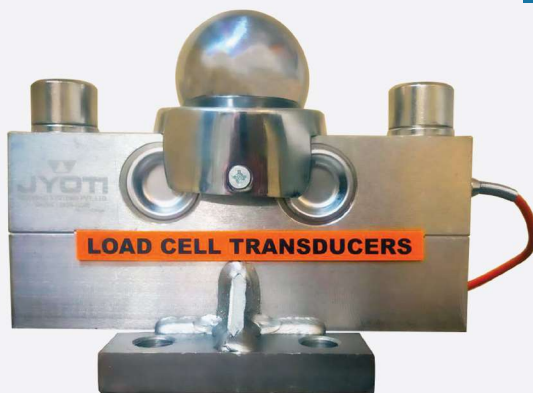


Alpha Numeric Weight Indicator (Additional Features)

- USB port for keyboard and pen drive
- 10 Entry with 25 character width each
- 100 codes for entries
- Time and date report
- Field programmable pre-printed tickets
- LCD with backlight control & LED brightness control
- RS-232 port available
- Direct print command available through machine



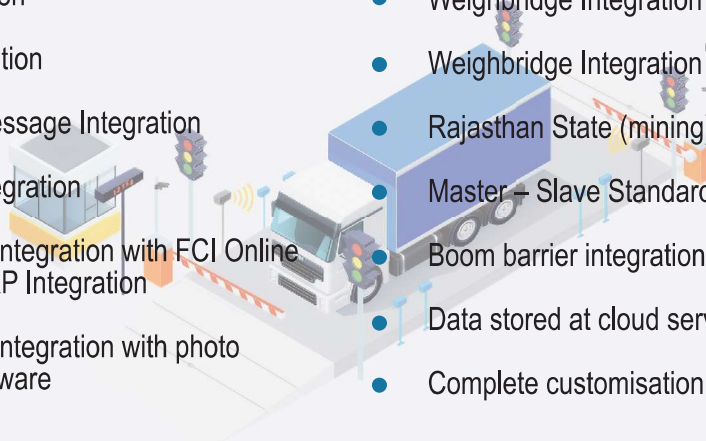
Load Cells-Digital



Load structure is equipped with heavy-duty strain gauge type load cells with a unique mounting assembly to ensure accurate performance. The assembly is designed to compensate for expansion and contraction between the Weighbridge and the foundation caused by temperature variation, allowing the load cells to align freely. The applied load is converted directly to an electrical signal by these precision hermetically sealed load cells having ample load capability (150% functional and 300% structural) to withstand accidental overloading.

Additional Weighment Features (Software)

- SMS Integration
- E-mail Integration
- WhatsApp Message Integration
- ERP/SAP Integration
- Weighbridge Integration with FCI Online depot with ERP Integration
- Weighbridge Integration with photo capturing software
- Weighbridge Integration with Smart Card (RFID Card)
- Weighbridge Integration with UHF RFID Reader
- Rajasthan State (mining) / UP E-Ravana Software
- Master - Slave Standard Software
- Boom barrier integration
- Data stored at cloud server and web portal
- Complete customisation



WHY JYOTI?

Great Infrastructure:

Using the best of the machines and skilled labour working day and night in order to serve the clients at their best levels.

Qualified Team:

We have a qualified team who are technically strong in order to take care of any or every service related with weighbridges etc.

24x7 Customer Support:

We have strong customer support to serve our clients 24x7.

Strong Experience:

As we have been working Since 1982 having a huge client database that enabled us to be more skilled and experienced while handling the projects.

Timely Delivery:

Our infrastructure and dedicated team enables us to deliver our projects on time.

Aerial View Of Factory



In-house testing facility



Our Esteemed Clients





JYOTI WEIGHING SYSTEMS PVT. LTD.

Weighing technology that's sensitive to today's needs

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JYOTI ROAD WEIGHBRIDGES

Jyoti Weighing Systems Pvt Ltd is today acknowledged to be one of the best in the field with a range of equipment that meet every weighbridge requirement.

Jyoti has become one of the leading weighbridge specialists through a consistent programmed of incorporating the latest technology and techniques into the installation of weighbridges. making them economical to begin with and feasible to maintain.

Superior engineering design sees for it. For instance, with Jyoti Weighbridges you can avoid costly exercises like pit construction. Rugged heavy duty structures give extra strength and stability. The weighbridges come fully aligned thoroughly tested with standard test weights at Jyoti's works, so the installation at site is fast, easy and inexpensive, and it comes to you fully customised, ready to fit in every way.

That's because prior to making any evaluations, Jyoti engineers make a painstaking survey of not just the site for the weighbridge, but also study stresses and strains caused by the nature of operation and environmental factors. The solution is invariably the most precise and cost effective one. Whether it is a mechanical or fully electronic weighbridge, with and without sophisticated additional features. Just apt for modern needs.

The Innovative Approach

JYOTI has chosen to adopt technology, substitutes expensive and heavy materials with more suitable alternatives, modify and ensure designs to long life and efficiency in Indian conditions.

A Strong Service Backup

JYOTI is committed to the efficiency of all the equipment it provides to its clients.

Maintenance technicians and engineers are on call 24x7 throughout the country.

That is how JYOTI has been able to build up its reputation with the large corporations Business Houses/ Public Sector Organizations such as L&T Construction, Adani, IL&FS, Dilip Builcon, Ahluwalia Contracts, GR Infra, METSO, HPCL, VAAN Infra, Bajaj, Triveni, Mawana, DCM, Simbhaoli, Uttam, DSCL, DSM, JSW, Dalmia Group, Morrarka Group, Ispat Group, VE Commercial (EICHER), Forbes Group, Shree Cement, Gujarat Ambuja, J.K. Cement, National Fertilizers Ltd., IPCL(Reliance Group), IOCL, ONGC, BHEL, Western Railways, Kandla Port, Jawaharlal Nehru Port Trust, FCI, CWC, NTPC, APMC etc. OEM's Like, ISGEC, Walchand, Uttam Suretech, NHEC, Thyssen Krupp, SAISIDHA, S.S. Engineers etc.

A reputation that is growing every day.