



EXCEL

WEIGHING SYSTEM & EQUIPMENTS



Pitless Type Weighbridge

- Capacity: 10MT to 100MT.
- Above ground level.
- Construction cost is very less.
- Easy access to load cells for servicing and installation.
- Very less maintenance.
- Absolute visibility for vehicle position.
- Ramps provided on either side to mount the weighbridge platform.
- RS 232, RS 485 or 4 to 20 Amp (Modbus or Ethernet facility).
- Integration with computer or PLC.
- Jumbo display for drivers visibility.



Pit Type Weighbridge

- Capacity: 10 MT to 100MT.
- Top of deck matches ground level if require.
- Structure, loan cells, pedestals below ground level.
- No access to weighbridge components for outsiders.
- It is most suitable, if the space is limited.
- All types of vehicles can be weighing as platform is in flushed with ground level.
- Natural drainage required if needed.
- RS 232, RS 485 or 4 to 20 Amp (Modbus or Ethernet facility).
- Integration with computer or PLC.
- Jumbo display for drivers visibility.

Mobile Weighbridge

- Capacity : 30 MT to 100MT.
- Economical, adaptable and portable solution for most of temporary use (Agriculture, Building Trade, Infrastructure Forestry, Rubbish for landfill sites, Quarries, etc.)
- Easy to shift to another place.
- Less construction cost compare to other weighbridge.
- Integration facility with other plant weighbridges. (Unlimited if asked)
- Fast installation.



Axle Weighbridge

- Capacity: upto 40MT or more.
- Economical, adaptable and portable solution for vehicle and truck weighing in RTO Industry.
- Weighs the individual axle and computes the total weight of the truck.
- Automatic weigh individual axles.
- Loop detector / sensors operated system.
- SINGLE AXLE - 750 mm + 3000 mm.

RCC (Concrete) Weighbridge

- Capacity: 40MT TO 100MT.
- Economical, adaptable, and compact solution for vehicle and truck weighing.
- Structure, load cells, pedestals below ground level.
- Reliable structure compare to other type of weighbridges.
- Durable construction sets, apart from the competition with its toughness and zero maintenance free.
- RCC weigh bridge is virtually maintenance free.
- No access to weighbridge components for outsiders.
- Specially suitable for salty places.



Modular Weighbridge



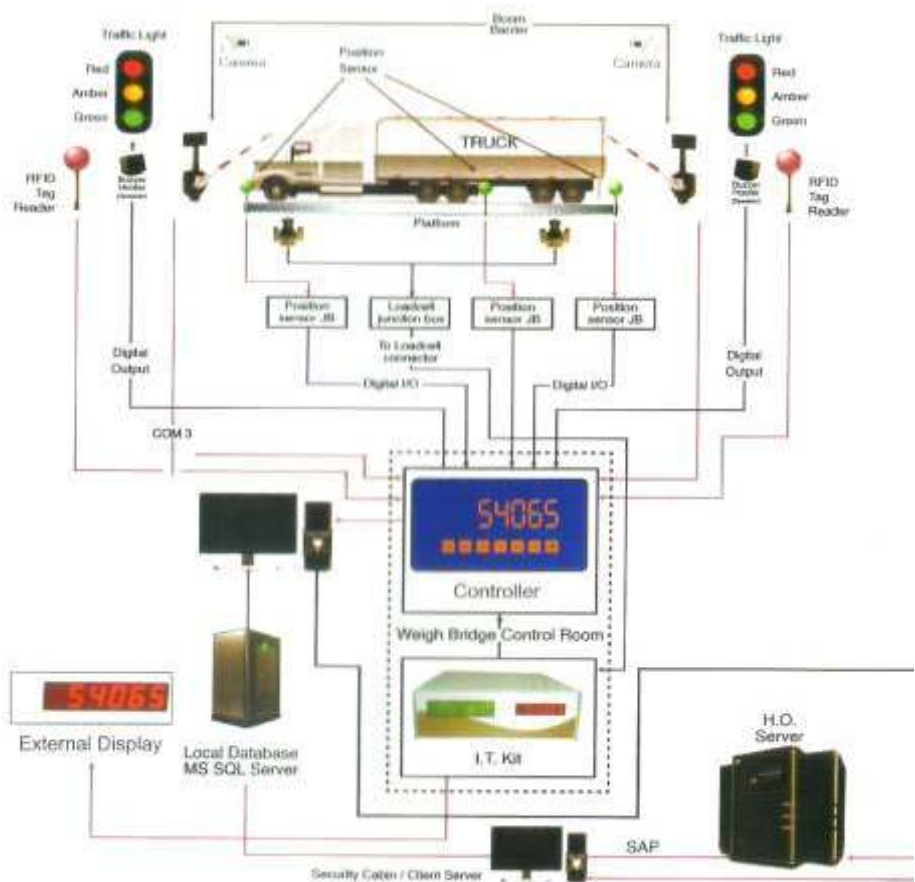
- Capacity: 30 MT to 100 MT.
- Suitable for infra & project based industry.
- Easy to move, Install and re-install.
- Less construction cost compare to other weighbridge.
- Easily modify in different sizes.
- Fully welded modules rating of system due to loose nut & bolts is totally avoided.
- Fast installation.

Unmanned Weighbridge System

- Capacity: 10 MT to 100 MT.
- Main weighing intelligent terminal and controller installed in weighbridge cabin.
- All gadgets like RFID Card/ UHF-RFID card, boom barrier, photo sensors, Signal Masts, camera, card reader installed near the weighbridge.
- Truck can be loaded properly through signaling light or hooter.
- Truck positioned through position sensors.
- Special indication for vehicle positioning.
- Special Features- Android connectivity in mobile (if asked).
- Camera vigilant.

Advantages

- Saves labor force by eliminating the need for an operator.
- Enables driver and vehicle identification with RFID technology.
- Enables unmanned, self service weighing process.
- Automated weighing terminal can be watched simultaneously.
- Automated and manual weighing record transfer.
- Prevents shortage or excessive loadings by providing loadings within the tolerance.
- Reduces formalities and documentation circulations.
- The integration of person-vehicle identification and the weighing operations enables fast and reliable records.
- Archiving and backing up of records is possible



Range of All Weighbridge Models

CAPACITY	ACCURACY	PLATFORM SIZE (Mtr)
20 MT	5kg	7.5 x 3; 9 x 3
30 MT	5kg	7.5 x 3; 9 x 3
40 MT	5kg	7.5 x 3; 9 x 3; 12x 3
50 MT	5kg	7.5 x 3; 9 x 3; 12x 3
60 MT	10 kg	12 x 9; 15 x 3
80 MT	10 kg	16 x 3; 18 x 3
100 MT	10 kg	16 x 3; 18 x 3; 20 x 3; 20 x 3
60 MT to 100 MT		10 x 5.5; 18 x 4.5; 17.5 x 3.5

Note:

- All weighbridge size can be customized as per specific requirement in pit Less, pit type, Mobile, RCC & Modular.
- Load cells can be used of digital type, Cup and Ball type, Double ended shear beam type.

Intelligent Terminal

IT kit is a microprocessor based indicator for use on a single weigh platform.

- Adjustable gain factor and dead load count
- Serial RS232/RS485 port for connection to computer, Remote display etc.
- Power supply suitable for large variation in input voltage.
- Option for alphanumeric LCD, Graphic LCD, VFD and LED displays.
- Option for USB port for data portability through pen drive.
- Auto E-mail and SMS facility.



Cup ball type load cell

- Capacities : 5 MT to 40 MT
- Complete environment protection - IP68 class.
- Hardened tool steel construction.
- Good side force and shock resistance.
- Full mounting hardware are provided with the load cell.

Digital load cell & Indicator

- Digital cup & Ball type load cell is the optimal solution for weighbridges. It makes the setup, calibration and operation of weighing systems even easier and more reliable.
- Standardized, maintenance-free, extremely compact design.
- Special strain-gauge technology for significantly improved lightning protection .
- Reaches stability quickly which ensures short weighing times.
- Reliable, durable, highly precise.



Weighing Software

- Customize software solution is offered with in-house software and development team.



Facilities:

- Desktop based software
- Web based software
- Unmanned weighbridge based software
- Multi weighbridge integration on server
- LAN connectivity
- AUTO-SMS Facilities
- Auto-E-Mail Facilities
- ERP Connectivity
- SAP integration
- TXT File Generation
- XML File Generation

All software can be integrated with your existing systems or customized as per requirement

Flame Proof Scale & Temperature proof scale

Capacity: 1 kg to 5000 kg

Size: Standard

Application: Ideal for all type of flame, sparking & Sensitive Zone Industry

Features

- Aluminum Casting Certified Flameproof indicator
 - Zener barriers for special protection.
 - Heavy duty M.S. plate for bigger platter sizes.
 - Display intensity adjustable for longer battery back-up.
 - Micro processor based technology.
- RS 232 or RS 485 or 4 to 20 amp data transfer facility.



Digital load cell & Indicator

Tank/ Hopper weighing Scale

Capacity: 500 kg to 100000 kg

Size: Standard & Customized

Application : Ideal for all type of Tank Weighing Industry

Features:

- Rugged construction assembly.
- 24-bit-ADC (High Resolution).
- Indications For A.C on, Net/Gross weight, Zero, Battery, Battery low & count mode.
- Display intensity adjustable for longer battery back-up.
- Micro processor base technology.
- RS-232 or 4 to 20 Amp data transfer facility.



Crane Scale

Capacity: 500 kg to 50000 kg

Size: Standard

Application: Ideal for all type of material lifting work

Availability : Temperature Proof and wireless Heat Proof with remote Control Operation

Features

- Available with wireless remote control
- Micro Processor based technology.
- Overload protection.
- Auto power saving function.
- RS 232 data interfacing facility
- Optional printing facility.



CAPACITY	ACCURACY
1000KG	100gm
2000KG	200gm
3000KG	500gm
5000Ton	500gm
10000Ton	1 kg
15000Ton	2 kg
20000Ton	2 kg
30000Ton	5 kg
50000Ton	5 kg

EASY CIVIL FOUNDATION





Intelligent Terminal



Cup & Ball Type Load Cell



Compression Load Cell



Double Ended Shear Beam L.C.



S Type Load Cell

ABOUT US

Excel System & Equipments is started with an objective to provide professional weighing solutions, testing and calibration field to the growth oriented and quality conscious industrial segments. Our aim is not only to provide precise and accurate weighbridges and services but also to design customized product & software solutions with unparalleled quality services like pre sales service, installation & Commissioning Training, Application Support, Preventive Maintenance Service, Annual Maintenance Contract, Repair Service, Calibration Services, Spares Stock, Weighing accessories and support as well as specially new exploration into weighbridge software etc.

Today, we take pride to provide solutions to improve established quality standards for a range of industries such as packaging, Infrastructure, Cement, Cold Storage, Metal, Chemical, Oil, Gas Steel, Mining, Power Plant, Polymers, Plastics, Pharma, Food, Engineering and many more. We Specialize in providing quality products and services with motto on innovation beyond imagination. Our highly professionals approach, combined with a sensible pricing policy has allowed as to develop a loyal customer base throughout India.

Excel System & Equipments

Excel System & Equipments offer the best overall product in terms of technology, performance, quality and customer support. While each is important, our demonstrated commitment to after-sales support is a primary reason for the continued loyalty of our customers. To provide this level of support, Excel System & Equipments has assembled the field technical and service professionals in the industry. Others promise good service. Talk to our customers and learn how Excel System & Equipments consistently delivers on our promise to provide exceptional service.

Our service Lists

Annual Maintenance Contract

On call service

Lifetime Support for your weighing instruments

Customized Software and online support

Re-installation, Upgradation and integration to online system

Upgradation of Mechanical weighbridge into fully electronics weighbridge.



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