



The new  
Worldclass  
Technology



## About Us

**"Wel-Tech Weighing Systems"** Established in the year **1995**, we are an eminent organization involved in manufactures & Exporting of all type weighbridge & Weighing scale Load Cells. We at **Wel-Tech** 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. Atul R. Patel & Mr. Ramanbhai 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







## Why Us?

We have been able to stand ahead in this competitive arena due to the qualitative products, offered by us. Our honesty in business dealings, fair trade practices and wide distribution network have enabled us to gain an edge over our competitors.

**Apart from these, there are varied other significant factors that have enabled us to become the prime choice of large number of firms and individuals:**

- Advanced infrastructure facility
- Proficient pool of experts
- Ability to fulfill bulk orders
- Quality approved products
- Simple payment options
- On-time delivery of goods



## Client Satisfaction

With an aim to create a benchmark of success for ourselves in this competitive market, we give prime importance towards providing maximum satisfaction to our valuable customers. The products offered by us are developed in compliance with the international quality standards. Moreover, to stand up with the customers' expectations, Our team ensures that only defect-free products are delivered at the patrons' destination within the scheduled time-period. Owing to our client-centric approach, timely delivery of orders and qualitative products, we have mustered a large number of loyal patrons in our clientele.

## The Company

We Introduce Ourselves as a reputed Company Engaged in the Electronic & Mechanical Weighbridge, Weighing Scales & Industrial Automation Manufacturing under the Brand Name "**Wel-Tech**" and have expanded the market in India & Abroad. We at "**Wel-Tech**" are proud to inform that our company provides complete weighing solution from 1 kg. To 200 Tons with the State of Art Manufacturing Technology.

- Weighbridge Systems that is Competitively Priced and Designed to meet our Customer Needs.
- Full Range of Scales are Govt. Legal & Trade Approved.
- Guarantee for Accuracy and Reliability.
- Friendly Technical Support to Ensure Customer for the Proper Machine Installed & Operation.
- Engineering, Product Design and Support.
- One Year Guarantee.

## The Quality

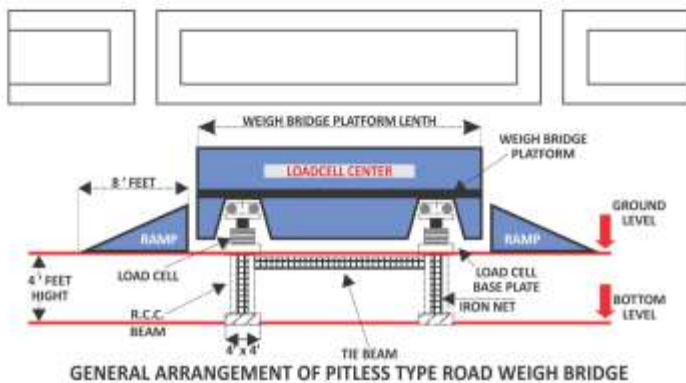
The "**Wel-Tech**" Commit Ourselves for Supplying Products that would give Complete Satisfaction to the Customer. We well Strive to Achieve Growth and Leading Position in the Market By : Supplying Consistent Quality Products and Reliable Services to our Valued Customers, Giving Them Total Value for Money.

**Ramanbhai M. Patel**  
(Director)

## Pit Less Type Weighbridge

### Benefits :

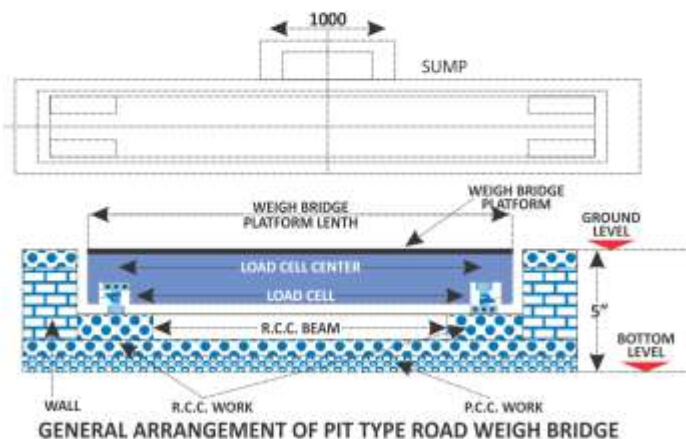
- Costly Pit Construction is Eliminated.
- Platform Above Ground Level - No Water Logging During Rainy Season.
- Problem of Pit Maintenance is Eliminated
- Easy Maintenance Since All Parts Accessible Above Ground Level.



## 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.
- Construction & Infrastructure, Forestry, Rubbish for landfill sites, Loading Materials, Demolition materials ex site, Agriculture industry, Quarries, Movable sites



## Mechanical Weigh-Bridge

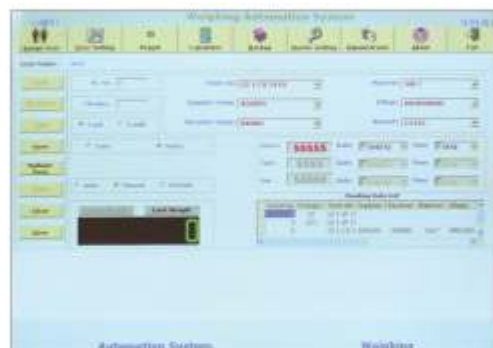
3-LEVER SYSTEM	5-LEVER SYSTEM	7-LEVER SYSTEM (NON-SELF CONTAINED)
		

## Technical Specification

Model	Platform Size	Capacity	Graduation	Number of	Size & Capacity
	(mtrs.)	(Ton)	(kg.)	Load Cell	
WWS-F	4.5 X 2.5	10	1 kg.	4 No.	All models available from 7.5 x 3 mtrs up to 20 x 3 mtrs. Standard capacities rang from 200 gms. up to 2,00,000 kg. other Platform sizes and capacities also Possible to suit individual requirement sand regulations, load cell range includes explosion proof load cell
WWS-F	6 X 2.5	20	2 kg.	4 No.	
WWS-F	7.5 X 3	30	5 kg	4 No.	
WWS-F	9 X 3	40/50	5 kg.	4/6 No.	
WWS-F	10 X 3	40/50	5 kg.	4/6 No.	
WWS-F	12 X 3	50/60	5kg. / 10 kg.	6 No.	
WWS-F	14 X 3	50/60	5 kg. / 10 kg.	6 No.	
WWS-F	15 X 3	50/60	5 kg. / 10 kg.	6 No.	
WWS-F	16 X 3	50/60/80	5 kg. / 10 kg.	6/8 No.	
WWS-F	18 X 3	60/80/100	10 kg. /20 kg.	8 No.	
WWS-F	20 X 3	80/100/200	10 kg. 20 kg.	8 No.	

## Weighbridge Software

Weighment Slip



## PC Base Electronic System

Jumbo Display (Optional)



## 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 2 lacs 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" RED 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



Modem (Optional)

### Built-In SMS feature

User can switch to SMS option any time, just need to attach Modem with the indicator.

### SMS to Additional Mobile Phone

SMS can be sent to any Mobile no. entered during data entry (Customer or Driver) Mobile No. :

## 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 (°C)	: -10 ~ + 40
Temperature, Operating (°C)	: -35 ~ + 65
Excitation, Max. (V)	: 18 (DC)
Safe Overload (%FS)	: 150
Ultimate Overload (%FS)	: 300
Protection Class	: IP 67 (5t), IP 68 (10-50t)



CUP & Ball Type Load Cell



## 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
- Wel-tech 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.

## 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

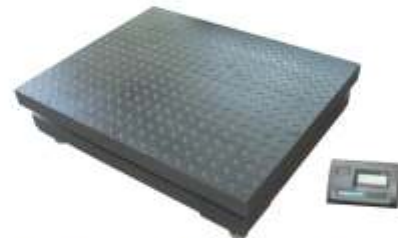
## Portable | Axel | Pad Weighbridge



## Features

- All Steel construction with industrial Powder Coating
- "C" CHANNEL Based Platform Structure.
- High Precision Load Cell.
- Sturdy MS structure provides equal Load distribution.
- High Resolution Load Cell with Over Load stoppers and Transport Protection.
- Large LED Display with a optional of remote display.
- Counting mode, percentage weighing, Wt accumulation.
- Platter construction options can be MS Checkered.
- 220V AC/built-in 6V rechargeable battery 50hrs backup.
- Available in Single 4 load cell design.
- 150% Overload protection.
- Options : RS-232 interface for computer interfacing
- Options : Printer output for direct printing on printer.
- Options : Wireless Weighing Indicators
- Options : Attach or Loose Pole for Indicator

## Heavy duty 4 Load cell Platform Scale



### Available Platform Size:

900 X 900 mm  
1000 X 1000 mm  
1200 X 1200 mm  
1500 X 1500 mm  
1500 X 1800 mm

## Accessories



Weight Indicator RS 232  
Port Facility (Optional)



I.T. For Digital Load Cell



Digital Load Cell



Single Ended Shear  
Beam Type Load Cell



Double Ended  
Shear Beam Load Cell



Compression Type Load Cell



S-Type Load Cell



Load Cell Junction box

