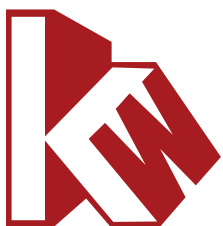


Quality Speaks itself...

You find it worry less...

Faith creates after weighing...

[www.kwalityweigh.com](http://www.kwalityweigh.com)



*An ISO 9001:2015 Certified CO.*

**Kwality Weigh**

*A Trusted Name in Weighing Industry*

Manufacturers & Exporters of  
**Electronic & Digital  
Weighbridges &  
Weighing Systems**

Capacity : 10 tonnes to 200 tonnes



# About Us & Product Portfolio

We "KWALITY WEIGH (INDIA)" are manufacturers and exporters of high quality range of Electronic & Digital Weigh Bridges and Weighing System. We are dealing in all types of Weigh Bridges like Pit Type Steel Platform Weigh Bridges, Pit Less Steel Platform Weigh Bridges, Pit Type RCC Platform Weigh Bridges, Pit Less RCC Platform Weigh Bridges and also deals in bulk quantity of Weigh Machines, Platform Scales, Counter Scales, SS Weighing Scales and Crane Scales etc. Stringently tested and verified by our team of experts, these are highly durable and corrosion resistant. We can also manufacture the Weigh Bridge on customer site outside India to reduce its cost. Providing our customers, these machines in standard sizes, we are also engaged in repairing of old machines with a team of experienced engineers.

We provide a precision engineered range of machines, that are designed at par with industry quality standards. Fabricated using latest techniques and advanced machinery, our products are highly durable and offers long lasting usage. Consisting of high cutting edge machines and durability testers, we have a well equipped manufacturing unit that can produce high quality range of machines. Offering accurate results these provide measurement of huge loads with less efforts.

Designed and developed at our organization, these are made up of using high quality raw materials procured from reliable vendors of industry. Consistency in maintaining the quality of products has lead our position amongst the top grade providers of these machines. Available with us at cost effective prices, these machines are highly for their high load bearing capacity and better durability. Fabricated using latest techniques and advanced machinery, our products are high in demand amongst our customers for their dimensional accuracy.

We are guided by a team of management personnel who have in-depth knowledge of market trends. Providing opportunities for new innovations and encouragement for improving productivity maintaining the quality of product has helped in gaining a wide client network.

## Product Portfolio

We manufacture and supply a wide assortment of superior quality Electronic Weighing Machines and Weigh Bridges, which is made up of using high quality raw materials. Finding extensive usage in various industries, we fabricate our entire range using modern techniques. Making use of M.S Tubes, Flats, Angles, Channels, H.R & C.R Sheets, Electronic Components and S.S Sheets, provides enhanced durability to our range of products.

### Some of the salient features of our range of products are as follows:

>> Compact design >> High quality >> Versatile >> Excellent accuracy >> Highly durable >> Reliable performance >> Sturdy construction >> Low cost maintenance



## Our Team

We have a qualified team of professionals, that work diligently in fabricating our range of machines. Our professionals have in-depth knowledge of prevailing fabrication techniques that helps in enhancing the durability and performance of our products. They also undertake inspection of the entire process, stringently monitoring every step of production.

### Our team consists of:

>> Engineers >> Technicians >> Quality Supervisors >> Researchers >> Marketing & Sales personnel  
>> Skilled labourers

## After Sales Service

We have a dedicated team of well trained professionals that provides assistance to our clients products and also offers after sales support. Explaining the functioning of machine for its efficient usage they provide services such as:

>> User manual >> Installation training

## Why Us?

With experience of a decade in domain of supplying high quality Electronic Weighing Machines and Weigh Bridges, we have an edge over our competitors for following factors:

- We have perfectly converted more than 2000 Mechanical Weigh bridges in to Electronic Weigh Bridges with our kits
- Our Electronic Weighing Technology are known for accuracy, repeatability, consistency over changed temperature and complete interchangeability
- We are a quality oriented company, ensuring the maintenance of highest quality standards from start to finish. All products are designed, engineered, and manufactured to strict quality standards
- Our production unit is installed with the latest modern technology and facilities to improve productivity and quality
- We have excellent infra structural facilities in the form of common effluent treatment plant, surface transport connectivity, round the clock water supply, etc.
- We are specialized in the manufacture of heavy equipment like Weigh bridge, R.C.C platform, Steel platform and Tank Weighing systems.

## Quality Standards

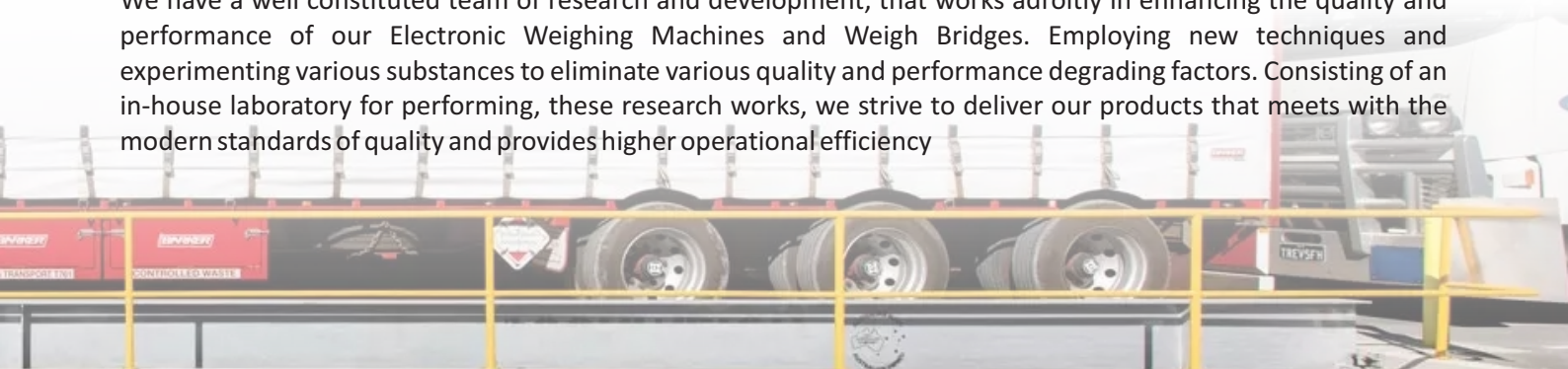
Kwality Weigh (India) is an ISO 9001:2008 Certified Company. We understand the necessity of quality in delivering proper customer satisfaction. Thus, we provide our customers high quality range of products, that are manufactured using graded raw materials. Checked and verified by our quality experts, our range of products are highly durable. Procuring our raw materials from reliable vendors of industry, our machines are assured for longer service life. Manufactured at par with industry quality standards, these machines are dimensionally accurate and delivers high operational efficacy.

## Infrastructure & Facilities

We have a well built infrastructure that includes a well equipped manufacturing unit with latest machinery. Spread over an area of 8000 sq. ft. it has the capability of manufacturing our range of products within stipulated time frame. Catering to bulk requirements of our customers, we have an installed capacity of more then 1000 units.

## Research & Development

We have a well constituted team of research and development, that works adroitly in enhancing the quality and performance of our Electronic Weighing Machines and Weigh Bridges. Employing new techniques and experimenting various substances to eliminate various quality and performance degrading factors. Consisting of an in-house laboratory for performing, these research works, we strive to deliver our products that meets with the modern standards of quality and provides higher operational efficiency



# Electronic Weighing Machines

## Technical Specifications

Accuracy Class	: OIML Class III
Display	: 30mm (1.2inch) 5 digits LCD
Tare Range	: Full capacity
Stable Time	: < 10 seconds
Overload Indication	: 100% Max. capacity 9e
Max. Safety Load	: 125% Max. capacity
Ultimate Load	: 300% Max. capacity
Operation time	: 60 hours min/100 hours max
Battery Type	: Fully sealed lead-acid battery, 6V/10Ah
Charger	: DC9V/1500mA
Operating Temp	: 10 degree - 40 degree
Operating Humidity	: < 85% RH under 20degree



**Crane Scale**



**Wireless Crane Scale**

CAPACITY	LEAST COUNT	TYPE
5000 Kg	1 Kg	Hanging
10000 Kg	2 Kg	Hanging

- Features**
- Long time battery backup
  - Bright large LED display
  - Low power consumption
  - Auto zero tracking
  - Software calibration
  - Micro controller based technology

## Technical Specification

Power	: 220 AC - 10%, 5 Hz.
Operating Temp.	: 0 degree to 50 degree
Over load capacity	: 150 % of rated capacity
Warm up time	: 6 sec
Seven segment display	: Red, Green & Blue its optional

CAPACITY	LEAST COUNT	PLATFORM SIZE
10 Kg	1 gm	350 MM x 240 MM
20 Kg	2 gm	350 MM x 240 MM
30 Kg	5 gm	350 MM x 240 MM



**Counter Scale**

## Features

- Good battery backup
- RS232 its optional
- Bright large LED display
- Extra display its optional
- Low power consumption
- Auto Zero tracking
- Software Calibration
- Micro Controller based Technology
- Approved by weights and measurement department of India
- Internal and External calibration



**Analytical Scale**



**Jewellery Scale**

CAPACITY	LEAST COUNT	SIZE
200 gm	1 mg	130 MM Dia
300 gm	5 mg	130 MM Dia
600 gm	10 mg	130 MM Dia

## Technical Specification

Power	: 220 AC - 10%, 5 Hz.
Operating Temp.	: 0 degree to 50 degree
Over load capacity	: 150 % of rated capacity
Warm up time	: 6 sec
Seven segment display	: Red, Green & Blue its optional

## Features

- Good battery backup
- RS232 its optional
- Bright large LED display
- Extra display its optional
- Low power consumption
- Auto Zero tracking
- Software Calibration
- Micro Controller based Technology
- Approved by weights and measurement department of India
- Internal and External calibration
- PAN size 130 mm dia

# Electronic Weighing Machines

## Features

- Good battery backup
- Solid Checked Plate
- RS232 its optional
- Bright large LED display
- Extra display its optional
- Low power
- Auto Zero tracking
- Software Calibration
- Micro Controller based Technology
- Approved by weights and measurement department of India

## Technical Specification

Power	:	220 AC - 10%, 5 Hz.
Operating Temp.	:	0 degree to 50 degree
Over load capacity	:	150 % of rated capacity
Warm up time	:	6 sec
Seven segment display	:	Red, Green & Blue its optional

CAPACITY	LEAST COUNT	PLATFORM SIZE
60 Kg	10 Gm	400 MM X 400 MM
100 Kg	10 Gm	400 MM X 400 MM
200 Kg	20 Gm	500 MM X 500 MM
300 Kg	50 Gm	600 MM X 600 MM
500 Kg	50 Gm	750 MM X 750 MM
1000 Kg	100 Gm	1000 MM X 1000 MM
2000 Kg	200 Gm	1200 MM X 1200 MM
3000 Kg	500 Gm	1200 MM X 1200 MM
5000 Kg	1 Kg	1200 MM X 1200 MM

or as per customer requirement it's optional



MS Platform Scale



SS Platform Scale



Heavy Duty Platform



Moveable Weighing Machine

# Electronic & Digital Weighbridges



“Kwality Weigh Weighbridge” is a specially designed weighbridge with digital load cells. Use of pre-calibrated digital load cells enables fast installation, service support thus increasing overall productivity and reduction in downtime. Features of weighing, data processing, saving, printing makes it a stand-alone utility for public and industrial weighbridges. “Kwality Weigh Weighbridge” is robust in nature to withstand harsh environmental conditions. It can operate reliably over a wide temperature range and also in humid weather.

## Hardware Features

- 32 Bit ARM Processor
- Front Mount 16x2 LCD Display & 1 inch LED display
- SMPS power supply
- On Board Memory to save 2 Lac Records
- USB Ports for Standard Computer Keyboard & pen drive
- Centronics port for 80 column Dot Matrix Printer
- RS232 port for display/GSM modem/ continuous weight transmission
- Table top port for connecting external wired displays
- Inbuilt wireless trans - receiver (Optional)

## Software Features "Installation Privilege"

- Initial LCD Display message field settable as weighbridge name
- Installation settings secured under engineer login
- Engineer login password field settable by authorised OEM
- Three types of cornering features available
- Smart Calibration
- Multi-step smart calibration
- Installation report
- Mandi Application feature of Rate, Amount, Binding material deduction etc.

## Intelligent Terminal (IT) Features

- Long Distance between weighbridge room and structure
- Lower division size can be obtained, leading to higher accuracy of Scale
- Special DLC interlocking
- Field settable number of Load Cells, up to 16
- Simple and fast Installation
- No need of manual cornering using trim ports & calibration with test weights.
- Automatic fault diagnosis with warning of particular DLC
- Installation report



- Available to work with pre-calibrated Digital Load Cells
- Configuration Upload/download through pen drive
- Maximum Utilisable Memory, field selectable up to 2 Lac
- Barr Overloading feature especially useful for industries.
- Memory Status Display
- Field setting option for Vehicle wise working
- USB port for pen drive connectivity (data in .xls format)
- SMS provision
- Field settable pre-printed stationary
- Mandi Application features

### Salient Features

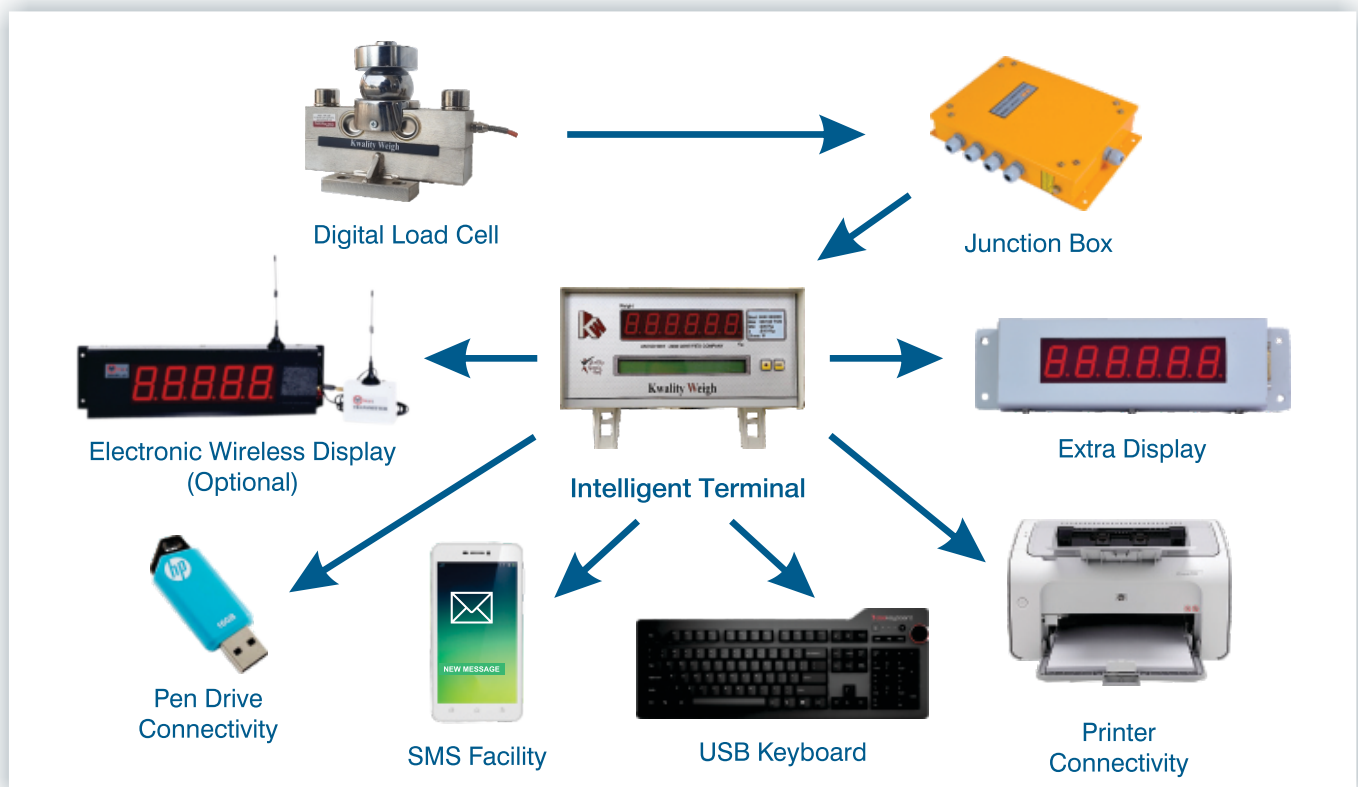
### Software Features "Weighbridge Privilege"

### Optional Features:

- Confidential Report
- LED display
- Inbuilt wireless for connecting wireless accessories (Junction Box, Extra Display)

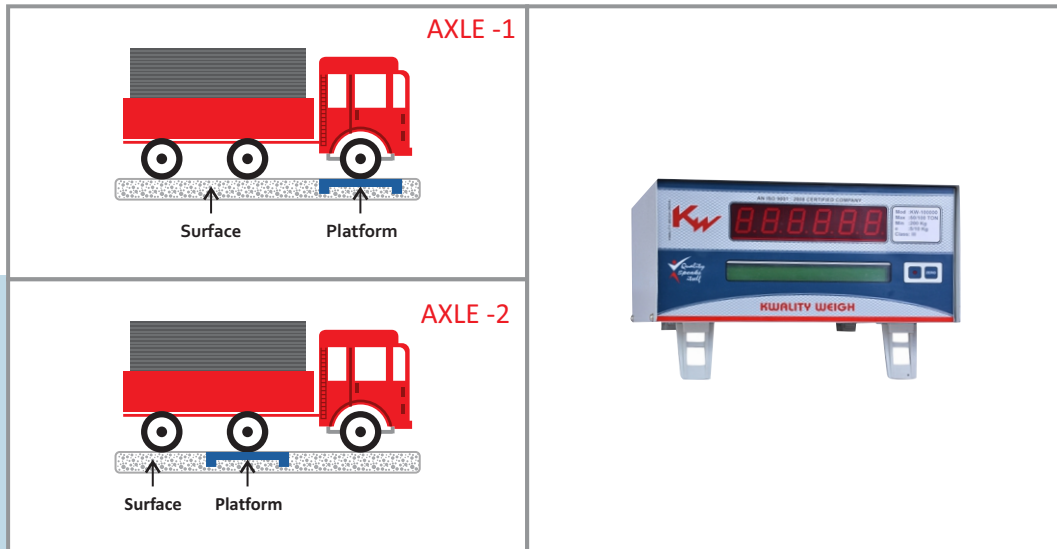
- Simple process for weightments of Tare/ Gross Vehicle weights
- 10 entries in ticket for 25 characters each
- 4 code banks for 100 codes each (Flexibility of setting)
- Field settable header, footer, signature lines
- Facility to view/print earlier saved records according to RST no/ Vehicle no
- Multiple report option all/summary/ filtered/serial no. wise/date wise/time wise
- Dumping of report into pen drive to avail softcopy of records (.xls)
- field settable Pre-printed tickets
- SMS feature in 3 different ways
- Net weight printing in words
- Mandi Application feature of Rate, Amount, Binding material deduction etc.

## Peripherals



# Axel Weighing System

In this application a small platform structure with less capacity is used weigh a multi Axle long & heavy vehicle. Each Axle of the vehicle comes in the platform and stop then its weight is recorded in the indicator. This way the weight of complete vehicle is done.



## Features:

- Multiple Axle of a vehicle can be weight one by one separately (Up to 9 Axle can be weight)
- The weight details of each Axle will be mention separately in the ticket.
- Tare and Gross weight of vehicle will be done through the same process and detail will be mentioned separately.
- The final weight of vehicle will be the sum of weigh of each Axle.

## SAMPLE TICKET FORMAT

ABC WEIGHBRIDGES PVT. LTD. 10, M. G. ROAD NEW CITY											
Report - from RST : 10 To : 15 For All records											
SNr	RST	DATE	VEHICLE NO	CUSTOMER	ADDRESS	COMMODITY	SOURCE	GROSS kg	TARE kg	NET kg	CHRG Rs
1	10	08/12/2007	MP0912345	LALIT	1, M G ROAD	WHEAT	GODOWN	39030	12000	27030	50
2	11	08/12/2007	MP0912345	ADAY	10, A.S. ROAD	RICE	BOMBAY	20005	5000	15005	40
3	12	08/12/2007	MP0912345	LALIT	10, A.S. ROAD	NEW CITY	GODOWN	20025	5995	14030	25
4	13	08/12/2007	MP0912345	LALIT	10, A.S. ROAD	WHEAT	NEW CITY	30000	20025	9975	25
5	14	08/12/2007	MP0912345	LALIT	10, A.S. ROAD	WHEAT	NEW CITY	15020	12000	3020	50
6	15	08/12/2007	MP0912345	LALIT	10, A.S. ROAD	WHEAT	GODOWN	15025	1000	4025	45
Total									51030	240	

## SAMPLE TICKET FORMAT

ABC WEIGHBRIDGES PVT. LTD.												
10, M. G. ROAD												
NEW CITY												
RST NO : 10				VEHICLE NO : MP0912345								
CUSTOMER : LALIT				ADDRESS : 1, M G ROAD								
COMMODITY : WHEAT				SOURCE : GODOWN								
	AXLE1	AXLE2	AXLE3	AXLE4	AXLE5	AXLE6	AXLE7	AXLE8	AXLE9			
GROSS	4005	4005	5000	5000	5000	1000	1000	1000	2000	kg		
TARE	1000	1000	1000	2000	2000	2000	1000	1000	1000	kg		
TOTAL GROSS	39030		kg	Date:08/12/2007		Time:17:10						
TOTAL TARE	12000		kg	Date:08/12/2007		Time:17:12						
NET	27030		kg									
-----												
Charges(1): Rs 25 Charges(2): Rs 25 Charges(total): Rs 50												
-----												
Operator's Signature:												

## Benefits

- **Small Platform Size** - A small platform size of 1mx 3m or 2m x3m can be used for weighing a multi Axle vehicle.
- **Low Capacity Structure** - A structure with capacity of 20 ton or 30 ton can be used for weighing a vehicle of 100 tons
- **Application** - This is a useful application for Stone Crasher, Sugarcane weighing or Installing a temporary/ portable weighbridge at any remote location.

## Note:

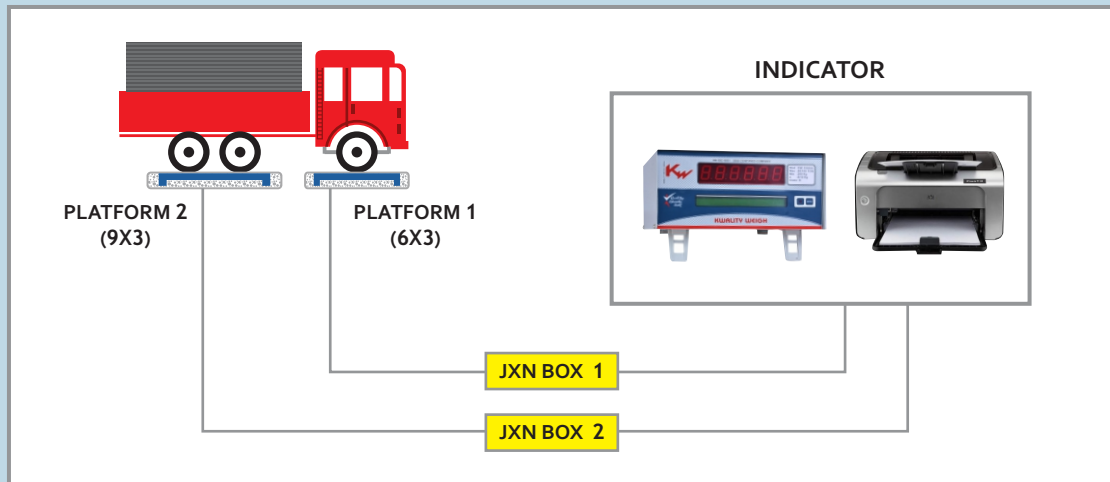
This is useful where high accuracy is not required. The accuracy can vary up to 10 division size.

The accuracy will totally depend on the structural formation and surface. There should not be any slope/ inclination in the surface where vehicle stands in the platform.



# Dual Platform System

Dual Platform Indicator is a very useful product for weigh bridge application. It is used to connect two weighing platform through a single weight indicator.



## Features:

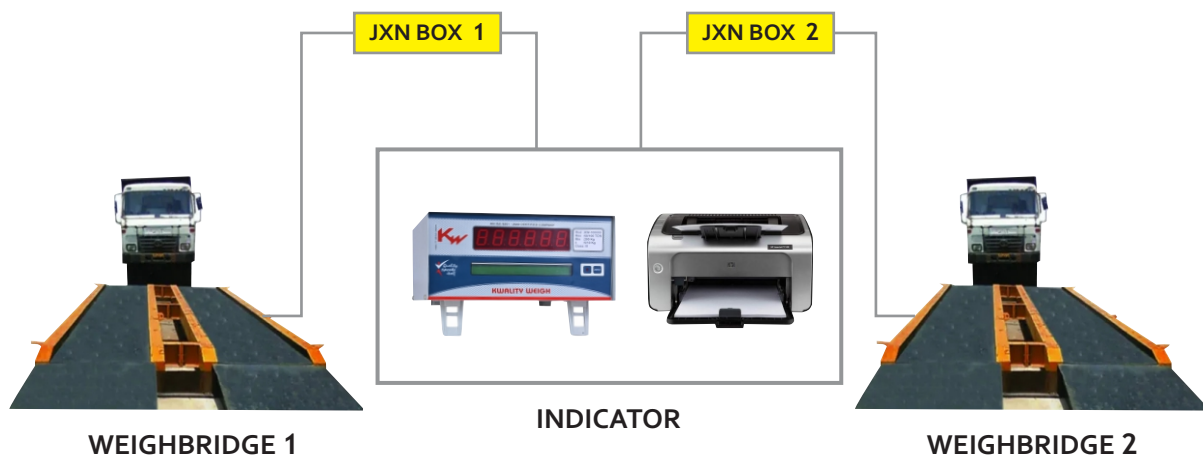
- **Two weigh bridge platforms can be connected** - Dual platform indicator has two individual ports for connecting weigh bridge platform. Thus two weigh bridge platforms can be connected in a single weight indicator (Dual platform indicator)
- **Individual calibration** - Both the weigh bridge platform will be calibrated individually. The capacity and length of both the platform can be different.
- **Weight Display** - The platform selection option is field programmable. The weight of individual platform, platform 1 + Platform 2 can be shown in the indicator.

## Benefits:

**Note:** Out of two Weigh Bridge platforms, both can be of electronic type or one can be electro mechanical and other can be Fully Electronic Weighbridge.

- **Capacity Expansion** - Capacity of existing Weigh Bridge can be increased easily by using Dual Platform indicator.
- **Two weigh bridges through a single indicator** - Two separate weigh bridges can be operate through a dual platform indicator. Tare weigh of vehicle in platform 1 and Gross weigh at platform 2 can also be taken.
- **Saving of operator Cost** - Single operator is required to operate two weigh bridges, results in saving of operator cost.

**Note:** During installation or breakdown of one platform, the working of other Platform will be effected.



# Sample Ticket

**ABC WEIGHBRIDGE  
NEW CITY  
INDIA**

RST NO : 23      VEHICLE NO : MH 09 AB 1234  
 CUSTOMER : GAGAN      MATERIAL : STEEL  
 COMMODITY : RODS      SOURCE : NEW CITY  
 CHALLAN NO : 9003      DESTINATION : OLD CITY  
 ADDRESS : 89/1 A.B ROAD NEW CITY      PHONE NO. : 982751146  
 REMARK : NA

---

GROSS Wt: 23915 kg      Date: 20/08/2015 Time: 15:26  
 TARE Wt: 15880 kg      Date: 20/08/2015 Time: 15:25  
 NET Wt: 8035 kg      EIGHT ZERO THREE FIVE kg

---

Charges(1): Rs. 700      Charges(2): Rs. 500      Charges(total): Rs. 1200

---

OPERATOR'S SIGNATURE: \_\_\_\_\_

---

Contact for repairs at tel no \_\_\_\_\_

# Sample Report

**ABC WEIGHBRIDGE  
NEW CITY  
INDIA**

Page Number: 1

ABC WEIGHBRIDGE  
Report - from RST : 22 To : 27  
For MATERIAL STEEL

Sno	RST	VEHICLE NO	CUSTOMER	MATERI	GROSS kg	Date & Time	TARE kg	Date & Time	NET kg	ChRG
1	22	MP 09 AB 123	RAHUL	STEEL	15880	20/08/2015 15:15	7940	20/08/2015 15:14	7940	700
2	23	MH 09 AB 123	GAGAN	STEEL	23915	20/08/2015 15:26	15880	20/08/2015 15:25	8035	1200
3	24	KA 29 AB 123	RAHUL	STEEL	23915	20/08/2015 15:28	15885	20/08/2015 15:28	8030	1400
4	25	JK 09 AB 123	RAM	STEEL	15880	20/08/2015 15:29	7945	20/08/2015 15:30	7935	1200
5	27	JK 12 AB 123	AMAN	STEEL	7940	20/08/2015 15:32	10	20/08/2015 15:32	7930	1200
Total ----->									39870	5700

# Pen Drive Dumping Screenshot

20081556.CSV - Microsoft Excel

RST	VEHICLE NO	CUSTOMER	MATERIAL	COMMOD	SOURCE	CHALL	DESTINATIO	ADDRESS	PHONE NO.	REMARK	GROSS Wt	DATE	TIME	TARE V	DATE	TIME	TOTAL NET Wt
22	MP 09 AB 1234	RAHUL	STEEL	RODS	INDORE	300	GOA	42/1 A.B. ROAD IN	9827056738	--	15880	20/08/2015	15:15	7940	20/08/2015	15:14	700
23	MH 09 AB 1234	GAGAN	STEEL	RODS	NEW CITY	9003	OLD CITY	89/1 A.B. ROAD NE	9827551146	NA	23915	20/08/2015	15:26	15880	20/08/2015	15:25	1200
24	KA 29 AB 1234	RAHUL	STEEL	FOAMS	INDORE	9004	DELHI	UA 23 INDORE	9827511746	NA	23915	20/08/2015	15:28	15885	20/08/2015	15:28	1400
25	JK 09 AB 1234	RAM	STEEL	PLATES	JAIPUR	800	BOMBAY	67 AH INDORE	9827511746	NA	15880	20/08/2015	15:29	7945	20/08/2015	15:30	1200
27	JK 12 AB 123	AMAN	STEEL	TRADERS	JAIPUR	80	RAJ	12/3 JAIPUR	9827511746	NA	7940	20/08/2015	15:32	10	20/08/2015	15:32	1200

# Digital Load Cell

The Digital load cells are pre-calibrated from standard weights and are capable of transmitting direct weight output in digital form.



## Key Features:

- Corner correction not required\*
- No Calibration required
- No signal attenuation from external environment
- Better Accuracy
- Long Distance signal communication between weighbridge room and structure (Up to 200 meter)
- Built In Surge protection
- Superior finish with superior Orange cable
- No chance of Signals manipulation
- Very simple & easy installation procedure
- Easy field replace ability
- Cost Effective
- Rated capacity 30 Ton
- Protection Class IP68



## Pit Type Weighbridge Foundation



## Pitless Weighbridge Foundation





Mobile Weighbridge



Pitless Weighbridge



Pit Type Weighbridge

Weighbridge Capacity	Least Count	Platform Size
40 MT/50 MT/60 MT	5/10 Kg	7.5 Meter X 3 Meter
40 MT/50 MT/60 MT	5/10 Kg	9 Meter X 3 Meter
50 MT/60 MT/80 MT	5/10 Kg	12 Meter X 3 Meter
60 MT/80 MT/100 MT	5/10/20 Kg	15 Meter X 3 Meter
60 MT/80 MT/100 MT	5/10/20 Kg	16 Meter X 3 Meter
60 MT/80 MT/100 MT	5/10/20 Kg	18 Meter X 3 Meter
100 MT /150 MT/200 MT	10/20/50 Kg	20 Meter X 3 Meter
100 MT /150 MT/200 MT	10/20/50 Kg	22 Meter X 3 Meter
100 MT /150 MT/200 MT	10/20/50 Kg	24 Meter X 3 Meter
100 MT /150 MT/200 MT	10/20/50 Kg	27 Meter X 3 Meter



# Kwality Weigh (India)

Approved by Government of India (An ISO 9001:2015 Certified Co.)

Manufacturers & Exporters of : Electronic & Digital Weighbridges & Weighing Systems

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