

OTHER EAGLE PRODUCTS

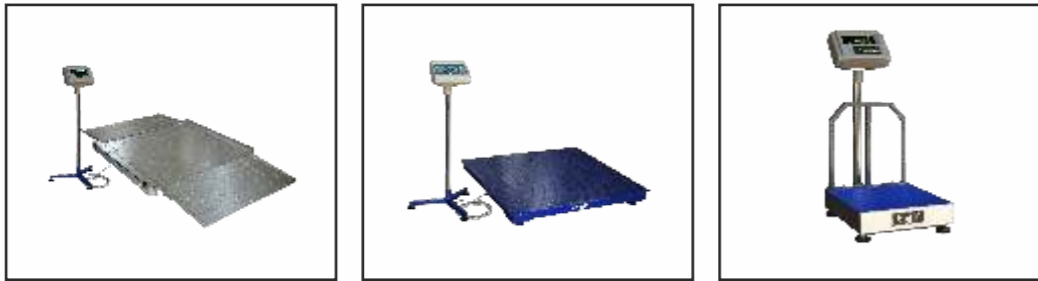
Precision Analytical Scales



Table Top Scales



Platform Scales



Hanging Scales



Crane Scales



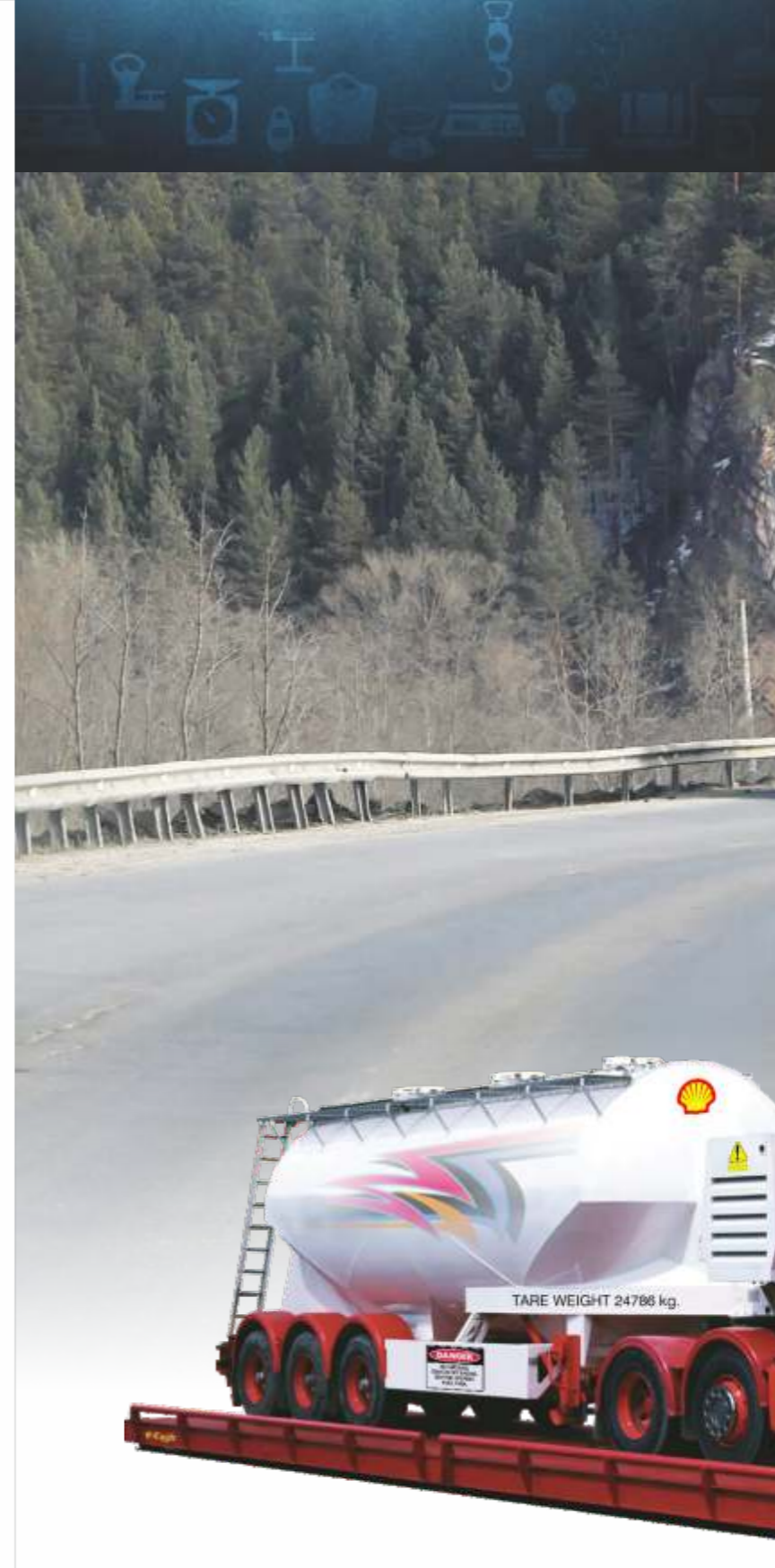
Pallet Scale



LifeStyle Scales



PROVIDER OF LIFE STYLE & INDUSTRIAL SCALES



Weigh Bridge
ETSB Series





E. G. KANTAWALLA - INSPIRED BY INNOVATION

At the edge of completing a century, E. G. Kantawalla Private Limited has been in the weighing scales business for more than 9 decades and has carved a niche for itself. This 97-year old company offers a variety of weighing scales and measures for every application. All the products of the company are sold under the brand EAGLE and have earned a reputable name in the industry for their level of quality and precision.

In 1987, the company ventured into the electronic weighing scale business. It is probably one of the oldest surviving electronic weighing scales companies in India. The company offers a diverse product range in the electronic weighing scales segment starting from 0.01 milligrams to 120 tonnes, used in every spectrum of the industry as well as for health monitoring.

From having serviced the industry, the company is now entering the homes of people. In the last three years, the company has diversified into the home space with its lifestyle scales, which are used in kitchens – to bring out the master chef in you, Bathrooms – to keep fit and healthy and Luggage scales – to ensure you pack just right for your trips and don't end up paying excess baggage at the airports.

As further diversification of the business, company is launching a new high value product line wherein it will offer a range of weigh bridges.

Quality is a top priority at E. G. Kantawalla. The company puts its utmost care and focus in ensuring that the product quality is never compromised. As a result, the failure rate is minimal and so is the ratio of low defect products.

The company is equipped with the most advanced facility admeasuring 30,000 sq. ft. on a sprawling plot of 95,000 thereby leaving enough scope for further expansion. The facilities have been setup in Pune, a thriving city that enjoys proximity to Mumbai, the commercial capital of India.

With its strong presence in the weighing scales business, the company has build a pan-India presence of its products with a robust distributor-dealer network. It also offers quality assurance as the company's weighing scales are fully approved by the Department of Legal Metrology. EAGLE scales have a presence in over 36 countries such as UAE, Qatar, Kenya, Tanzania, Sri Lanka, Kazakhstan and so on.

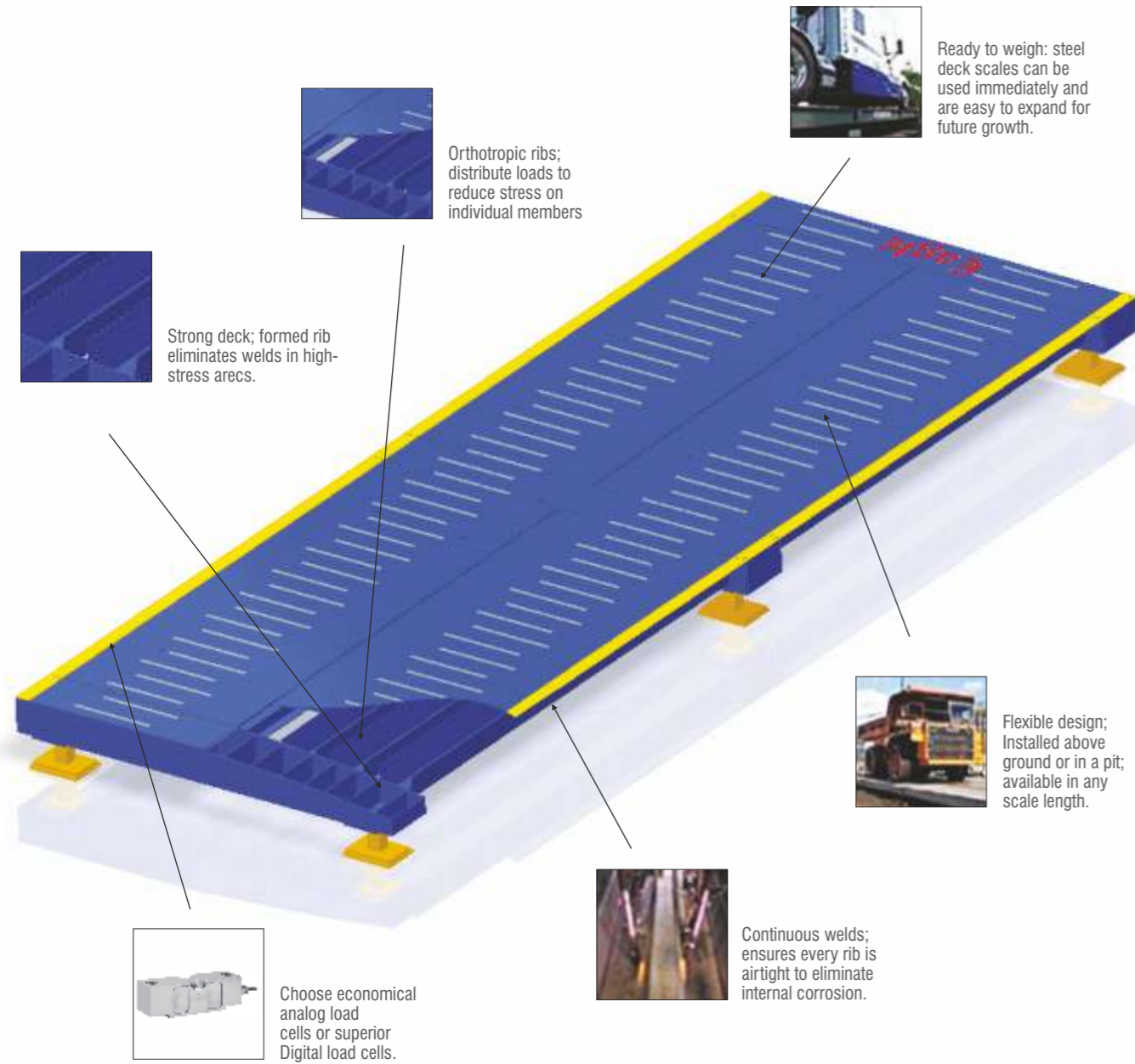
The organization culture at E.G. Kantawalla is built on strong ethos, which places the customer above everything. The company is driven by its loyal customers ever since it came into business. Through its customer-centric approach the company has not just made an effort to understand the needs of its customers but has relentlessly developed hundreds of models and weighing applications to fulfill their requirements. The outcome is constant innovation and diversification, which has led the company to greater heights of success.

E. G. Kantawalla also has a strong sense of social responsibility and on a regular basis conducts on its own CSR activities that benefit the society from which we derive so much. Regular health check up camps are conducted to create awareness in the general public domain.



Weigh Bridge

ETSB Series



SIZES AVAILABLE FROM

- 6 x 3 m
- 7 x 3 m
- 7.5 x 3 m
- 9 x 3 m
- 10 x 3 m
- 12 x 3 m
- 14 x 3 m
- 15 x 3 m
- 16 x 3 m
- 18 x 3 m
- 20 x 3 m
- 21 x 3 m
- 24 x 3 m

CAPACITIES RANGING FROM

15,000 kg (15 ton) upto 1,50,000 kg (150 ton)

OVERVIEW

EAGLE ETSB Series Closed Orthotropic-Rib are designed for extended long life. The orthotropic beams are arc welded in a continuous seam – to provide exceptional strength and torsional rigidity. Higher-Strength modules results in increase CLC Concentrated Load Capacity of single axel weight from 18t to 25t and tandem axle weight from 28t to 40t. The Low Profile design requires less approach space and lower incline angle for approach ramps.

In most competitive designs, intermittent welds are located in high stress areas. The constant bending under heavy loads and the small amount of weld material can cause the welds to crack, resulting in premature deck failure. Using continuous welds located away from high-stress areas eliminates one of the most common causes of truck failures. EAGLE's orthotropic design provides a weigh bridge that will give you years of trouble-free weighing even in the harshest environments and toughest applications.

EAGLE ETSB Series Weigh Bridges are Model Approved by The Legal Metrology Department Of India vide approval number IND/09/2001/260.

FEATURES

- Proven Orthotropic Bridge Design.
- Low Profile Design requires shorter approach ramps.
- Available in Both Pit and Pit-less models.
- Long lasting compared to conventional I beam architecture.
- Modular Design Enables quick and easy installation, transportation and if required future platform extension.
- Structure designed to withstand higher CLC of up to 40 t for tandem axels.
- Fabricated using High Tensile Steel
- Easy To Clean And Maintain.
- Non Slip Driving Surface.

OPTIONS

- Side Guard Rail



EWB 633 (Indicator)

OVERVIEW

EWB 633 weighing indicator is loaded with features, including easy-to-read 20-mm high bright-red LED that displays weight to seven digits, with built in real time clock for date and time, robust construction, protected against EMI interference with RS232 and Printer interface built in, capability to operate on external 6Volt battery and can support up to 10 350-ohm load cells. Rugged versatility makes the EWB 633 ideal for weighing applications ranging from bench scales to truck scales.



FEATURES

- Σ - high precision A/D conversion method, able to process input signal from -16mV to 18mV
- Good stability and repeatability.
- DC power socket fitted with anti circuit shorting protection
- High level of RF and EMI protection.
- Standard function
- AC/DC power supply, standard chargeable battery
- 7-bits 20mm LED display, 3-level battery indications
- User settable zero-tracking range along with auto/manual zero range
- With 2-point calibration correction function and 2 point compensation calibration methods
- Standard RS232 communication interface (RS422/RS485 optional)
- Standard scoreboard interface with current loop
- Standard parallel print interface

OPTIONS

- RS422 communication interface
- RS485 communication interface
- Baud rate:9600
- Wireless (Wifi) transmission for RS 232 to either drive remote display wirelessly and / or connect to computer wirelessly

TECHNICAL PARAMETER

- A/D conversion method: Σ -
- Input signal range: -16mV~18mV
- A/D conversion speed: 10times/sec.
- A/D conversion code: 1 million code
- Load cell excitation: DC 5V
- Max. connection number of load cell: 10 at 350 ohm/16 at 700 ohm
- Load cell connection mode: 6 wire, auto compensation for long distance
- Division: 1/2/5/10/20/50/100 optional
- Clock: real time clock with in built battery to update even on power off.
- Transmission: current loop/RS 232 signal
- Baud rate:600
- Transmission Data Type: 11 bytes
- Transmission distance: ≤ 30 meters
- Serial communication : interface
- Transmission method: RS232/RS422(optional)/RS485 (optional)
- Baud rate:600/1200/2400/4800/9600(optional)
- Transmission Data Format: 10 bytes: 1 byte to start, 8 Data bytes (ASCII code), 1 byte to stop.
- Transmission distance:RS232: ≤ 30 meters; RS422/RS485: ≤ 1200 meters Print interface
- Standard parallel output interface
- AC Power: AC 220V(-15%+10%);50Hz(-2%+2%)
- DC Power: DC 6V/10Ah External Battery Rechargeable
- Battery Application: About 24h (fully charged without using the built-in printer)
- Battery charging: About 30h
- AC fuse: 500mA
- Operating temperature: 0°C-50°C
- Storage temperature: -25°C-50°C
- Relative humidity: $\leq 85\%$ RH
- Pre-heat time: 15 min
- Dimensions: 310x195x186(mm)
- Net Weight: Approx 2.5 kg

GALLERY



EWB 636 IT (LED Display)

OVERVIEW

EWB 636 Intelligent terminal virtually allows you to replace a computer. Features include easy-to-read 20-mm high bright-red LED display that displays weight to six digits and a 16 x 2 alphanumeric display with backlight for displaying ticket data, with built in real time clock for date and time, robust construction, within built 2 numbers RS232, 1 number Printer interface, 1 number slave display, 2 numbers USB 2.0 ports, and can support up to 12 350-ohm load cells. EWB 636 is ideal for public / private ownership weigh bridges.



TECHNICAL PARAMETER

- A/D conversion method: $\Sigma - \Delta$
- A/D conversion speed: 25 times/sec.
- A/D conversion count: 1 million count
- Load cell excitation: DC 5V
- Max. connection number of load cell: 12 at 350 ohm
- Load cell connection mode: 6 wire, auto compensation for long distance
- Division: 1/2/5/10/20/50
- Clock: real time clock within built battery to update even on power off.
- Transmission: current loop/RS 232 signal
- Baud rate:600
- Transmission Data Type: 11 bytes
- Transmission distance: ≤ 30 meters
- Serial communication: interface
- Transmission method:RS232
- Baud rate:600/1200/2400/4800
- Transmission Data Format: 10 bytes: 1 byte to start, 8 Data bytes (ASCII code), 1 byte to stop.
- Transmission distance:RS232: ≤ 30 meters
- Standard parallel output interface
- AC Power: AC 90 ~ 270V;50Hz(-2%~+2%)
- Operating Temperature: 0 C to 50 C
- Storage Temperature: -10 C to 75 C
- Dimension: 250 x 250 x 80 mm (L x W x H)
- Weight: 2.5 kg

OPTIONS

- GSM Modem connectivity For SMS Sending.
- Wireless (Wifi) transmission for RS 232 to either drive remote display wirelessly.

GALLERY



Indicator + Wireless RD

Indicator + GSM - Modem



Indicator + Wireless RD + GSM Modem

FEATURES

- 32 bit processor gives very fast operational response.
- 24 Bit $\Sigma - \Delta$ high precision A/D converter for high stability and repeatability through 25 samples per second.
- Dual display for weight and data information.
- 2Gb Data storage capacity – translates into more than 200,000 records.
- SMPS based power supply with 2.5A fuse, line filter to clean the noise, spike suppressor and Opto-isolation of signals.
- Multiple calibration process.
- User and Factory password for level protection.
- Restorable Calibration process – can be saved on print or file format enables you to recalibrate the weigh bridge without weights incase of any loss of memory.
- Back Up facility through Pen Drive for export to PC on excel format.
- Auto power saving facility



WEIGH BRIDGE ILLUSTRATION



Indicator



Intelligent Terminal (LED Display)



Intelligent Terminal (Graphic Display)



Wireless RS-232 Receiver



Wireless/ Wired Remote Display



GSM Modem

EWB 639 IT (Graphic Display)

OVERVIEW

EWB 639 Intelligent terminal with graphic display is the state of the art weigh bridge indicator. Features include easy-to-read 20-mm LCD display that displays weight to six digits and a 16 x 2 alphanumeric display with backlight for displaying ticket data, with built in real time clock for date and time, robust construction, with in built 2 numbers RS232, 1 number Printer interface, 1 number slave display, 2 numbers USB 2.0 ports, and can support up to 12 350-ohm load cells. EWB 636 is ideal for public / private ownership weigh bridges.



FEATURES

- 32 bit processor gives very fast operational response.
- 24 Bit Σ - Δ high precision A/D convertor for high stability and repeatability through 25 samples per second.
- Display size 128 x 64 pixels (1024 pixels).
- 2Gb Data storage capacity – translates into more than 200,000 records.
- SMPS based power supply with 2.5A fuse, line filter to clean the noise, spike suppressor and Opto-isolation of signals.
- Multiple calibration process.
- User and Factory password for level protection.
- Restorable Calibration process – can be saved on print or file format enables you to recalibrate the weigh bridge without weights incase of any loss of memory.
- Back Up facility through Pen Drive for export to PC on excel format.
- Auto power saving facility

TECHNICAL PARAMETER

- A/D conversion method: Σ - Δ
- A/D conversion speed: 25 times/sec.
- A/D conversion count: 1 million count
- Load cell excitation: DC 5V
- Max. connection number of load cell: 12 at 350 ohm
- Load cell connection mode: 6 wire, auto compensation for long distance
- Division: 1/2/5/10/20/50
- Clock: real time clock with in built battery to update even on power off.
- Transmission: current loop/RS 232 signal
- Baud rate:600
- Transmission Data Type: 11 bytes
- Transmission distance: ≤ 30 meters
- Serial communication: interface
- Transmission method: RS232
- Baud rate: 600/1200/2400/4800
- Transmission Data Format: 10 bytes: 1 byte to start, 8 Data bytes (ASCII code), 1 byte to stop.
- Transmission distance: RS232: ≤ 30 meters
- Standard parallel output interface
- AC Power: AC 90 ~ 270V; 50Hz (-2% - +2%)
- Operating Temperature: 0 C to 50 C
- Storage Temperature: -10 C to 75 C
- Dimension: 250 x 250 x 80 mm (L x W x H)
- Weight: 2.5 kg

OPTIONS

- GSM Modem connectivity For SMS Sending.
- Wireless (Wifi) transmission for RS 232 to either drive remote display wirelessly.

GALLERY



Indicator + Wireless RD

Indicator + GSM - Modem



Indicator + Wireless RD + GSM Modem



ELC 110 (Load Cell)

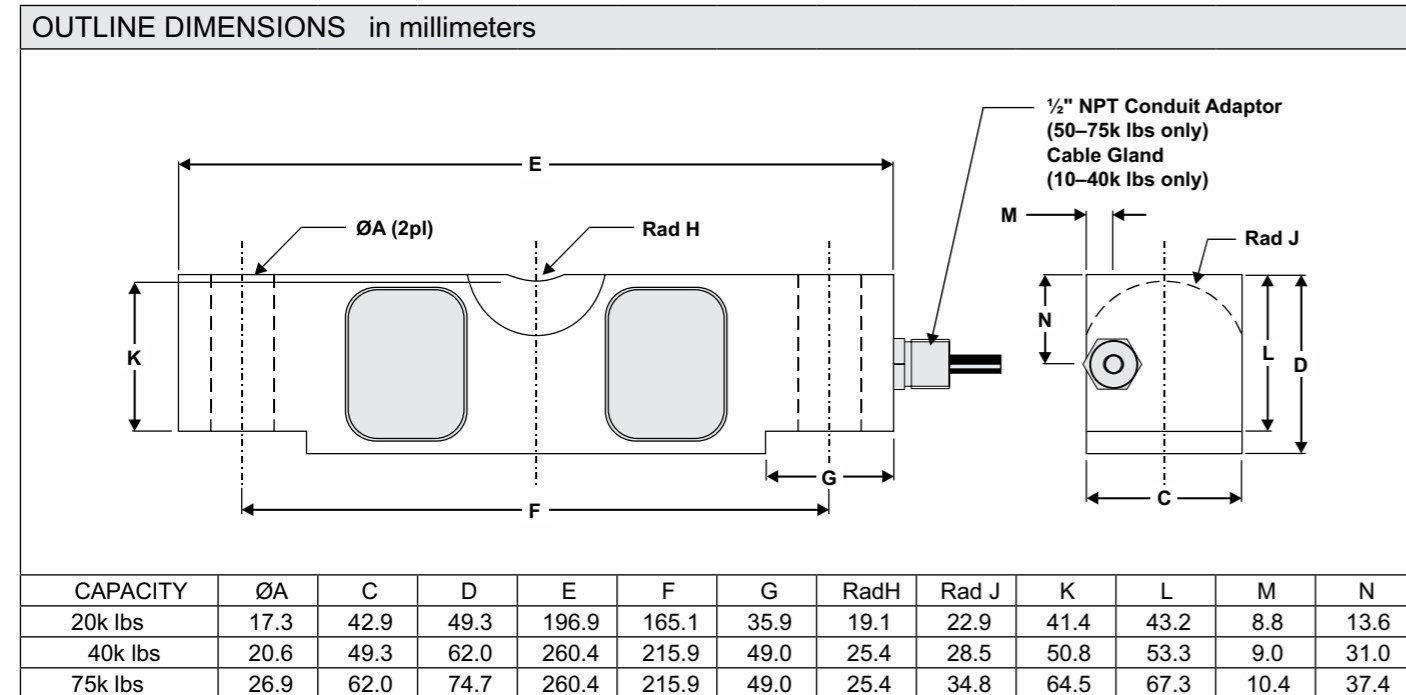
OVERVIEW

Model ELC 110 is a double-ended shear beam load cell designed for high traffic weigh bridge applications. This high accuracy load cell is designed to meet all Legal Metrology Standards. When combined with suitable mounting arrangements, this load cell will provide a simple accurate and reliable weighing system. ELC 110 Load Cell feature IP68 Protection, Lighting Protection, Nickel plated and full environmental sealing to ensure long-term reliability.



FEATURES

- Capacities 20k-75k lbs
- Low profile design for weigh bridge application.
- Nickel plated alloy steel double ended construction
- Simple accurate and reliable weighing system
- IP 68 Protection.
- Built in lighting protection.
- Metal shield cable to protect against rat bites and accidental damage.



TECHNICAL SPECIFICATION

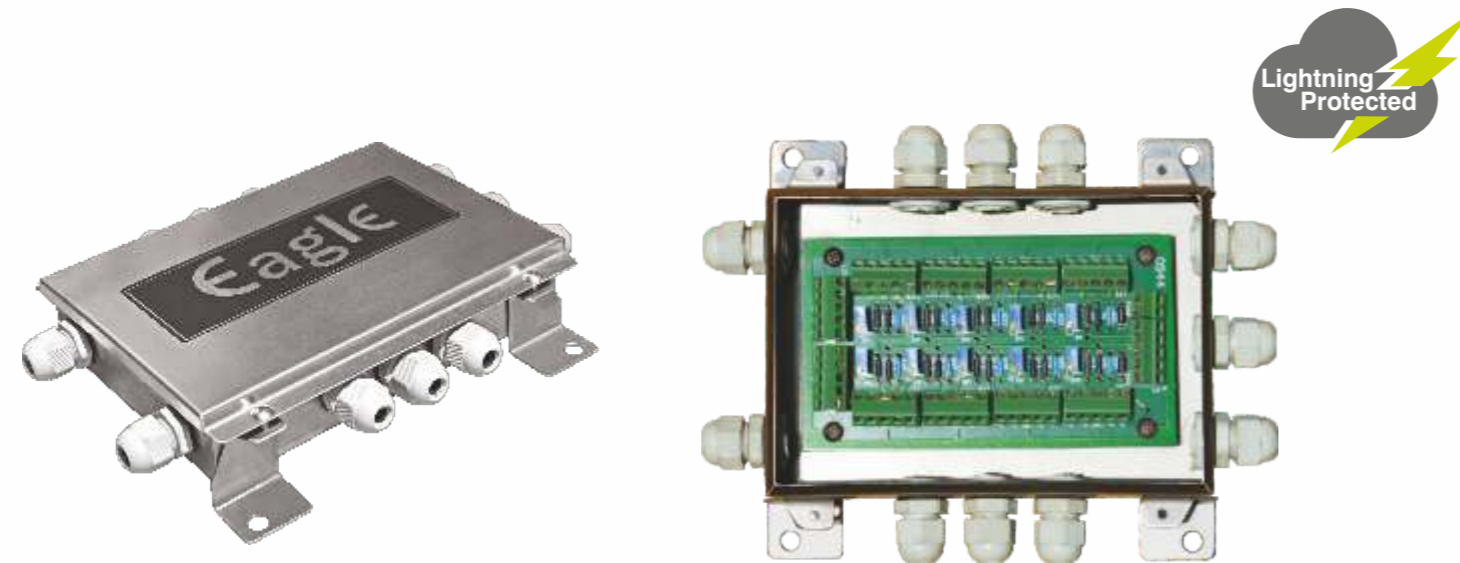
PARAMETERS	VALUES	UNIT
Rated capacity-R.C.(Emax)	20,40,75	Klbs
Max no of intervals(n)	30000	Displayed Resolution
Rated Output-R.O.	3.0	mV/V
Rated Output tolerance	0.075	±mV/V
Zero balance	0.09	±mV/V
Zero Return,30 min	0.050	%of applied load
Total error	0.050	% of rated output
Temperature effect on zero	0.0067	% of rated output/°C
Temperature effect on output	0.0040	% of applied load/°C
Temperature range, compensated	-10 to 50	°C
Temperature, Safe	-30 to 70	°C
Maximum safe central overload	150	% of R.C.
Ultimate central overload	300	% of R.C.
Excitation, recommended	10	VDC or VAC RMS
Excitation, maximum	15	VDC or VAC RMS
Input impedance	780±20	Ω
Output impedance	705±5	Ω
Input resistance	>1000	M Ω
Cable length	7.5	m
Cable type	6-wire,braided,PVC,dual floating screen	Standard
Construction	Nickel-plated alloy steel	-
Environmental protection	IP68	-



EJB 936 (Surge Protected Junction Box)

OVERVIEW

EAGLE EJB 936 junction box allows fast and easy connections up to 12 load cells for a single weighing instrument. It meets the requirements of IP67. It features fully encapsulated, water-proof, moisture proof, lightning and surge protection.



FEATURES

- IP 67 Protected.
- Full Stainless Steel or Cast aluminum plastic-sprayed construction.
- Simple installation.
- Operating temperature -40°C~85°C
- Sensitivity matched adjustment method.
- Easy to assemble and calibrate, highly reliable.
- Fully encapsulated, waterproof and moisture proof.
- Built in Lightning and Surge protection.

TECHNICAL SPECIFICATION

PARAMETERS	VALUES	UNIT
Load Cell output resistance range	Ω	340 to 1100
Load Cell input resistance range	Ω	340 to 1100
Excitation, maximum	V(AC&DC)	5 to 17
Excitation, minimum	V(AC&DC)	18
Load Cell Sensitivity range	mV/V	0.6 - 3
Temperature range, operating	°C	-40 to 85
IP	-	IP65
Housing connected to shield	-	Yes
External grounding	-	Yes



ERD 54 (125 mm Remote Display)

OVERVIEW

EAGLE ERD 54 Remote Display is used for viewing weighing result from long distance. ERD 54 feature display character of 6-bit Red LED display with character height of either 75 or 125 mm. The remote display incorporates Super Bright High Luminous Digital Segments which are visible from a distance even in broad day light.



STANDARD FUNCTIONS

- Dynamic scan flip-latching technology
- High-illuminated digital segment visible in broad daylight.
- Display Character: 6-bit LED with character height 125mm

TECHNICAL SPECIFICATION

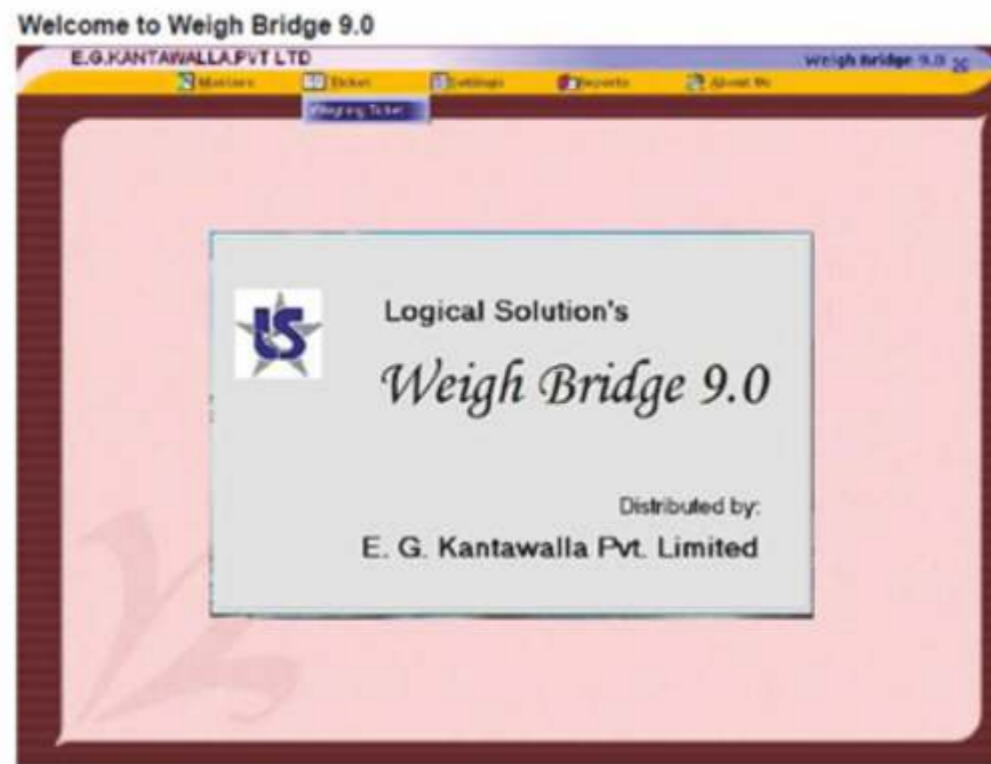
Power	:	AC 187-242V:49-51HZ
Communication interface	:	Current loop way/RS2321
Operating temperature	:	0-50°C
Operating humidity	:	≤95%RH



WEIGH BRIDGE SOFTWARE 9.0

OVERVIEW

EAGLE Weigh Bridge 9.0 software is a weight and data management software used for Truck Weighing Scales, which gives you complete control of vehicle weighing data, with the help of this software you can easily control scale and peripherals. Easily processes Weighment transactions, share data with other systems, print tickets and reports for greater efficiency. It is highly secure, customizable and is password protected for different users. You can rename the fields to suit your requirement. Reports can be viewed based on date range, ascending and descending sorting, column can be dragged and moved as desired. There are 10 standard reports with the ability to export them in XLS or CSV format. The entire combination makes the system trouble free and easy to operate.



FEATURES

- User friendly Operation
- Security of administrators to restrict access to functions through the application.
- Windows based software for Weighbridge.
- Highly secure, Customizable and Password protected for different users.
- Complete data management.
- 10 standard reports with the ability to be exported as XLS or CSV format.
- Print transaction to Dot Matrix, Thermal, Laser or Bubble Jet printers.

This software is provided with Menus for performing required tasks.

The menus available are:

MASTER

- In master...User provision for providing password access to 5 users is available.
- To activate Weigh Bridge enter the user name and respective password.



TICKET

- Customization of the Weigh Ticket is possible.
- User can design the Weigh Ticket depending upon the requirements
- Weighing Ticket Functions are shown in image:



TICKET PREVIEW

```
E G Kantawalla Pvt Ltd
Ticket No. : 50
Material : Fruits
Supplier : KPIT
Vehicle No. : MM10 7009
Remarks1 : Charge Rs. 1200
Remarks2 :
Remarks3 :
Remarks4 :
Remarks5 :
Gross : 80 Kg T Date: 11/05/2010 Time: 14:21
Net : 11/05/2010 Time: 14:15
```

REPORTS

- General Report
 - > In General report you can drag the columns as desired.
 - > For the field which is to be changed click on its header using mouse and drag it to the required place.
 - > Report will be seen for entered Date as per selected fields and columns.

