

Engineered to take  
loads off your mind



### Rugged, Reliable and Accurate Steel Weighbridge

- Accurate weight first time & every time
- Fast, economical installation
- Outstanding resistance to wear
- Excellent levels of corrosion protection through shot-blasting and epoxy paint coating
- Factory build and calibrated with stringent quality standards

# Essae

Protecting YOUR Profits



Plasma Cutting



Shot Blasting

- Use of superior quality steel ensures better sectional efficiency and load bearing capacity
- Use of Plasma Cutting, MIG Welding, NDT Testing, Shot Blasting, Protective Coating, Epoxy Finishing help in creating quality weighbridges every time
- The **calibration and testing** for each system is carried out prior to delivery

Our steel weighbridge decks offer higher strength, greater reliability and faster installation than conventional systems. Their simple foundations, fast, bolt-down sitting and innovative box construction have made them the preferred choice of operators across the country.

## We can produce up to 150 Truck Scales per month.

Essae Steel Truck Scales are available in capacities ranging from 10 - 150 ton and platform sizes of 2m x 2m to 25m x 6m.

You can choose either a Surface Mounted or a Pit Mounted Truck Scale depending on the space availability. The platform of the truck scale is designed to withstand harsh environmental conditions.

Latest machines are deployed to ensure that quality is built into the manufacturing process. The production system ensures impeccable focus to the performance of the product and faster response to customer's needs.

With **over 4000 installations** across the country we can provide expert advice on the optimum type of weighbridge to suit your site conditions and meet your operational goals.





Protective Coating & Epoxy Finishing



Assembly before despatch



Full capacity Calibration Testing of Load Cells

## Double ended shear beam load cells

The simple, compact design and rugged hermetically sealed construction of the load cell assures long life. The technologically advanced tension link mounting arrangement ensures high accuracy & reliability to weight measurement and smooth performance of the load cell.

### Specifications

Model	TM-960
Size of the Platform	7.5m x 3m, 9m x 3m, 12m x 3m, 16m x 3m, 18m x 3m
Capacity (tons)	40, 50, 60, 100, 120, 150
Interval (kg)	5, 10, 20
Type of load cell	Double Ended Shear Beam With IP 68 protection
Accuracy	As per OIML R-76, Class III - Medium
Non Linearity & Repeatability	0.05%
Type of Platform	Steel Based & Concrete Based
Cables used	4 core shielded with SS Armor protection
Out Door Display (optional)	25-100mm Seven segment RED LED



Double ended shear beam load cells

### Lightening Protector

- Protects load cells against transient surges caused by lightening
- Repeated auto re-setting operation without maintenance
- Reliable protection through high surge absorption capacity
- No effect on system accuracy



## WeighSoft Enterprise Application

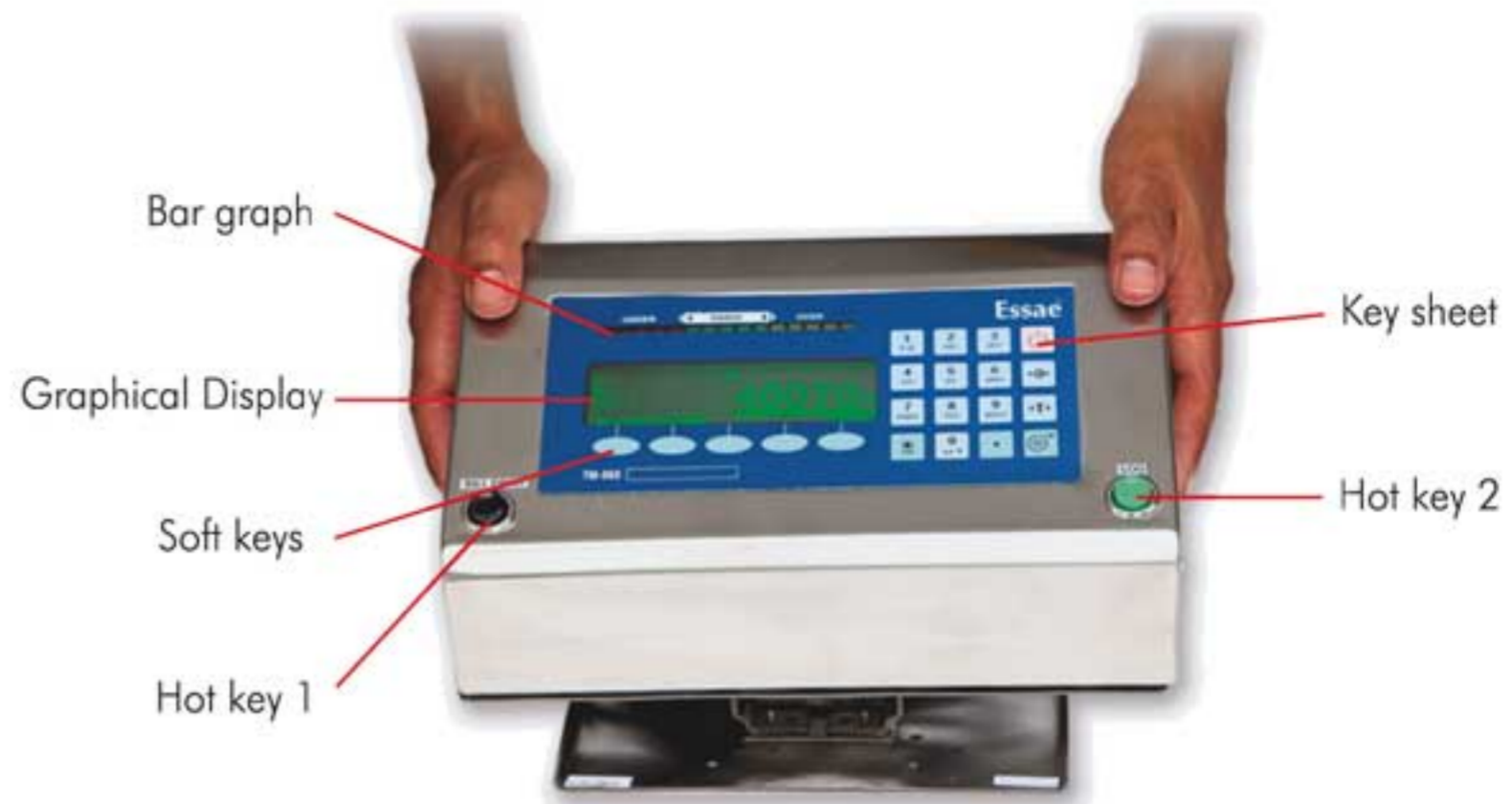
- Supports ORACLE, MY SQL, MS-SQL, SYBASE, POSTGRE SQL
- Online, Offline, and Single Point ticket transactions
- User can define data fields to be captured for the ticket
- Allows entry of Material, Supplier, Vehicle, and shift details
- User can create formula fields
- View reports based on specific queries.
- Well-defined security mechanism for different levels of users
- Web Camera Integration
- Compatible to ERP/SAP



## Truck Master -960

The user-friendly electronic weight indicator that makes work simpler, cheaper and faster

- Factory calibration restore function
- Standalone operations possible without connecting to PC
- Over 20,000 records can be stored, processed and retrieved facilitating an effective truck data management
- RS232, RS485, ethernet and networking interface
- Standard alphanumeric keypad for faster data entry
- Can be directly connected to the printer
- Optional, PS2 keyboard connectivity
- Attractive Stainless Steel enclosure



Front view of Truck Master 960

If desired, the indicator can also be connected to the computer and in that case user friendly WeighSoft Enterprise Application Software enables to capture weight data, print weight tickets and reports. It also stores the weight data for future processing and reporting.



Rear view of Truck Master 960

## Essae Digitronics Private Limited

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Disclaimer : Due to continuous R&D the specifications are subject to improvement without prior notice.