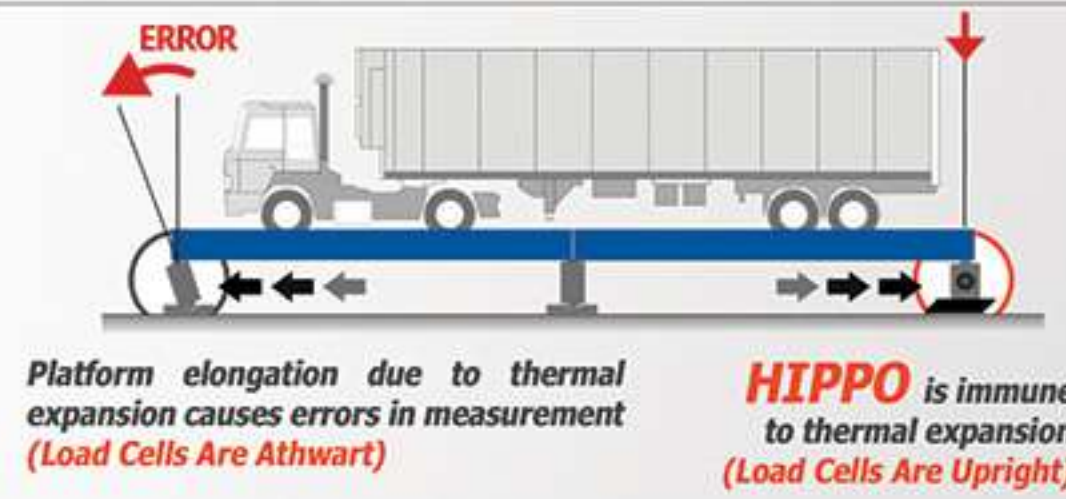


Long Lasting Truck Scale

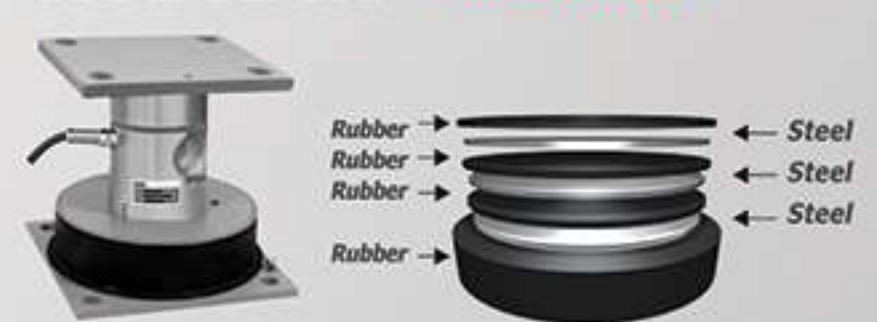
Esit Hippo Series Truck Scales are made of steel modular parts, needs minimum care and easy to install.

• Mounting Kit and Rubber Pads

Rubber pads protect the load cells against side forces. It is the most efficient system to protect the scale from side forces such as sudden brakes of the trucks.

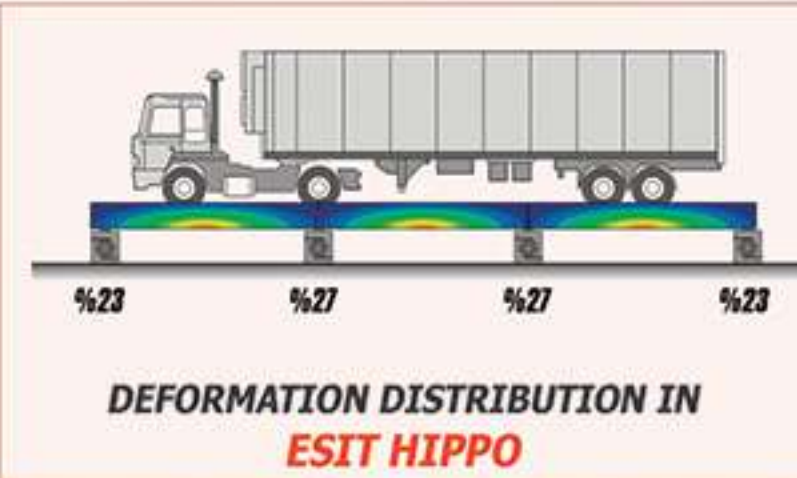


SC/CA-EL RUBTECH Mounting Kit



• Advanced Load Distribution

Hippo series truck scales static calculations are based on H20-S16 loading norms. Its unique design, helps maintaining any deformation on the steel platform at a minimum level due to uniform distribution of the load on load cells. The load's being evenly distributed among the pads improves the durability of the scale and the load cells in addition to providing much more accurate measurement.



• Sandblasting



The Hippo series truck scales surfaces are sandblasted by automated machines and then coated with highly durable Combiflex Enamel paint thus providing a stainless surface for many years. The Hippo truck scales surfaces can also be covered with hot galvanize coating providing a life time stainless surface.

• Easy assembly/disassembly

In classic truck scales the weighbridge modules are assembled together by bolts and screws. Over time with the pressure from the movement of the vehicles on the scales, these bolts and screws may come loose or even break. The modules used in the Hippo series truck scales are held together by a fit lock system, locked by only a few screws. The fit and lock system also helps save time among assembly or disassembly of the scale.

• Side Barriers



• V Beam System

The Hippo series truck scales is different than your ordinary truck scale, with the V beam technology it does not possess the usual I or U shaped steel beams. The V beams are designed specially by taking in to consideration the movements of vehicles on top of the scales. The V beams are forged with continuous under-gas welding robot controlled machines thus providing a durable beam highly resistant to bending and breaking.

• SC/CA Load cells

Esit SC and CA type load cells are robust, high capacity and heavy duty weighing equipment designed specifically for truck scales. SC/CA is certified to OIML R60 standards and produced in compliance with None Automatic Weighing Instruments Directive 2014/31/EU. *

*Suitable SC or CA-type load cells are used in the scale according to installation location and environment.



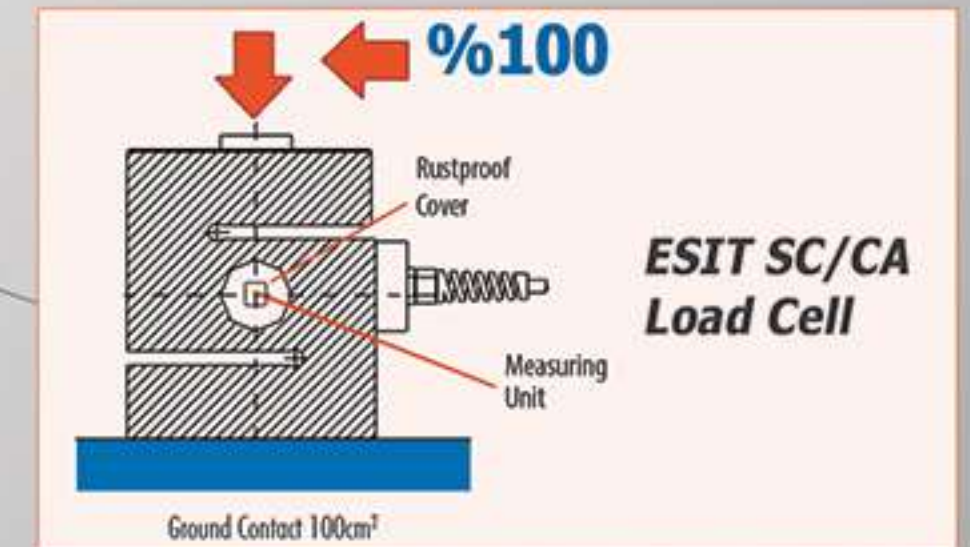
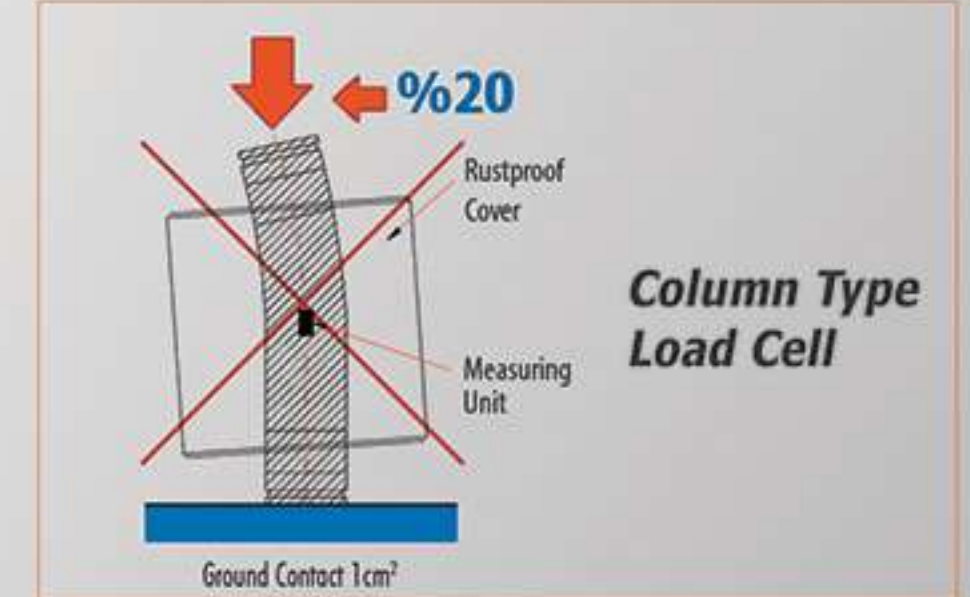
• Lightning Protection

ESIT scales employ lightning protection units for each load cell.



• Side Forces

Esit SC and CA type load cells surpass its competitors by 80% in terms of resistance against side forces. It is a fact that the major reason behind load cell malfunctioning is the horizontal side forces created by the vehicles during brakes and sudden start-ups. That is why; scales with column type load cells require additional constructions in order to absorb side forces. However, such constructions as rocker supports, tension rods, buffers, etc. need maintenance and have an adverse impact on weighing accuracy.



Even load distribution

Sand blasted surface

Side barriers

V-beam system

SC or CA load cells, mounting kits and elastomer pads

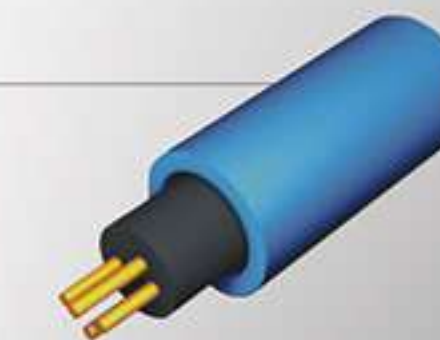
• J-Box Connection Box

Cables from load cells are consolidated in Esit J-Box connection box which is connected with a single cable to the indicator. Esit J-Box connection box made of cast aluminum, is stable against outdoor factors, negative impacts and bad weather conditions.



• Steel Cable Housings

All cables in Hippo-Series truck scales are protected by steel housings against external impacts.



• PWI-T/PWI-X Indicator

Esit PWI-T and PWI-X model indicators are used with truck scales, have durable construction and are suitable for work in heavy conditions. According to the usage and customer preference, Esit PWI-T with embedded PC or PWI-X model indicator with external PC is provided. A printer is also provided for ticket printing. Hippo Series Truck Scales are provided with ES-Truck Weighing Software.

Internal memory protected to possible power cuts and surges
Capable of displaying and printing reports
Capability to connect to a second weighing terminal
Limitless weighing memory
Tare designation to trucks
Able to produce reports in plain text format
Able to edit report formats
USB, modem and ethernet connections
ERP integration
Remote display output
OIML R 76 Certificate
EU Type- Approval
Complies with EN 45501 Standards
Complies with EU 2014/31/EU Directives

