



ESİT MAIN PLANT



ESİT TRUCK SCALE FACTORY



PRODUCTION OF TRUCK SCALES
ZERO CARBON RELEASE

Esit Elektronik

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7/24 Service
Network



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WEIGHING EXPERT





About Esit

Since 1980, Esit has been one of the leading manufacturers in the weighing sector.

Esit not only produces load cells and weighing indicators but also offers a wide range of weighing devices, including platform scales, weighbridges, bag filling scales, belt scales, checkweighers, and various automatic and dynamic weighing systems.

In addition to standard products, Esit also designs and manufactures customized solutions such as wagon test devices, dead weight (force calibration) machines, torque meters, and specialized systems for the aviation industry.

With its headquarters and electronic component production plant located in Istanbul, Esit operates a second production facility in Hendek, dedicated specifically to weighbridge manufacturing.

Esit's distribution and technical service network includes multiple branches across Turkey and numerous distributors around the world. Currently, Esit supplies advanced weighing components and devices to over 70 countries.

Solution Partner of Modern World

As a result of continuous investments in quality and R&D studies, Esit Elektronik has several international quality certificates, trademark registrations and type approval certificates such as OIML, CE, Gost, ISO, ATEX.

Esit not only has a broad range of products which are certified for the modern World, but also has the ability to provide technical support over 70 countries. Esit offers high quality with its products and technical service as well as complete customer satisfaction.

Continuous Development

Esit is a unique company in weighing industry aiming for continuous development in its products and using the most recent production technology available. The independent Research & Development Department of Esit and the ability to manufacture every item inhouse, are the keys for providing highly appreciated unique and advanced products to the market. With its 72.000 m2 production area in two factories, Esit is the market leader in its region.



Certification

Esit ensures high quality for its products after strict quality tests and verifications from independent Quality Management Division and Metrology Division. Esit products are tested and certified to present CE declaration, OIML certification and GOST certification, which has a wide range of recognition in the modern World. Most of Esit products can also be provided with ATEX Exproof Certification.

Calibration Laboratory

Esit calibration laboratory operates under the TURKAK national and international standards which include the TS EN ISO/IEC 17025:2017 standard since 2006.

Esit calibration laboratory is accredited to calibrate 50 g - 50 kg F2 weights, 1 g-1.000kg M1 weights and up to 120.000kg capacity for non automatic weighing instruments. Esit calibration laboratory also has calibration trucks with cranes and mobile calibration vehicles to provide fast and efficient calibration service to the customers.

ESİT also is accredited to perform calibrations of load cells in both tension and compression directions, with dead load, within the range of 5 N to 250 kN.

Social & Environmental Responsibilities

Esit feels responsible for expanding a high level of awareness and respect to the environment and living beings in the nature, to inherit a healthy environment to the next generations. Therefore, Esit is the main sponsor of none profit organisations such as TRAKUS for exploring and sharing information of birds, TRAMEM for mammals and TRAKEL for butterflies. These organisations' main purpose is to gather feeding, migration and breeding data of species and spread knowledge to the people. Esit also takes place in organisations with various clubs and government bodies to educate people for know-how about environment and compatible living with these species.

Esit is also proud of its investments in solar energy production and wind turbines, which contribute to its environmentally friendly production.





ESIT WF WEIGH FEEDER

BF BAGGING SCALE

BFT : Bagging Scale 10-50 kg
BFB : Bagging Scale 25-50 kg

Esit BF Bagging scales are used for automatically bagging of bulk material such as legume, cereals, ore, chemicals, etc. to the bags between 10 - 50 kg with high accuracy.

BBF BIGBAG FILLING SCALE

BBF 500 - 2000 kg

Esit BBF Bigbag Filling scales are used for bagging bulk material to the bags between 500 - 2000 kg automatically with high accuracy.

VBF TURBINE DRIVEN VALVE BAG FILLING SCALE

VBF 1 - Turbine Driven Valve Bag Filling Scale 4 bags/min
VBF 3 - 3 Headed Turbine Driven Valve Bag Filling Scale 14 bags/min

Valve bag filling machines are used for filling products in powder form such as cement, gypsum, grout, calcite into bags with valves. There are models with single or multiple filling outlets depending on the production capacity.

CHECKWEIGHERS

Hexaline 5g-6kg capacity
Octaline 40g-15kg capacity
Decaline 500g-60kg capacity

Esit checkweighers are designed to provide advanced solutions for checking the weight and counting the number of the items in production. Esit Checkweighers dynamically weigh each and every product, whether packed, boxed or raw, with a speed of up to 450 pieces per minute, and able to reject the products which are out of the defined weight or count ranges. With their durable stainless steel bodies and special belt designs, Esit Checkweighers are capable for an accurate weighing in a fast, efficient and economical way. With OIML Type Approval Certification (MID), Esit Checkweighers are the key for fulfilling legal boundaries of production.

BS BELT SCALE

Belt Scale 1000-2000-6000 t/h

Esit BS electronic belt scales measure the weight of bulk material dynamically, while the material is being carried by a conveyor belt.

WF WEIGH FEEDER

Weigh Feeder (0,1-9) - (0,5-20) - (5-80) - (10-300) t/h

WF Feeder Belt Scale is used to provide exact flow rate and continuous feeding, as well as automatic dosing in non-stop production sites.

HS HOPPER SCALE

Hopper Scale 20-1200 m³/h

Esit HS is used for weighing bulk material (legume, cereals, ore, chemicals) continuously and accurately in port and storage facilities as well as in production sites.

FS FLOW SCALE

Flow Scale 12-250m³/h

Esit FS is used to measure the amount of fluidal dust and granular materials. It is a practical and fast weighing device for weighing big amount of material.





ESIT ESTRUCK TRUCK SCALE SOFTWARE

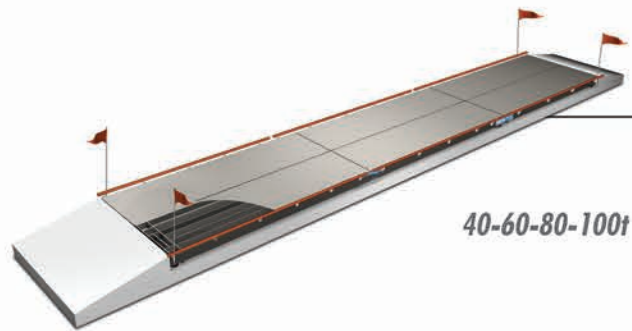


- 1- Remote Display
- 2- Traffic Lights
- 3- Mechanical Barrier

ESIT SPWIN PRO TRUCK SCALE SOFTWARE



- 1- Remote Display and Message Panel
- 2- Traffic Lights
- 3- Mechanical Barrier
- 4- Multifunctional Kiosk
- 5- Plate Recognition Camera
- 6- Esit TAG
- 7- RFID Reader



40-60-80-100t

HIPPO-SERIES MODULAR STEEL WEIGHING PLATFORM

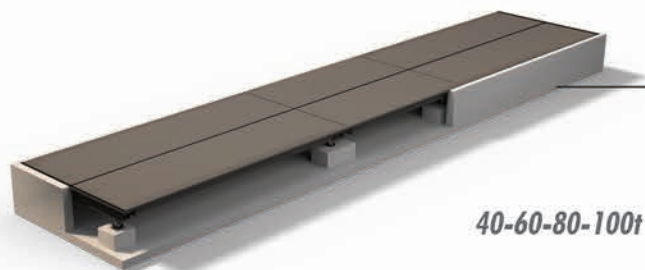
With their modern design and robotic production, Esit Hippo Series Truck Scales offer a wide range of models suitable for daily use, frequent operations, and heavy-duty applications. Easy installation and low maintenance are the key advantages of this pitless truck scale series.



40-60t

HIPPO-P TRANSPORTABLE MODULAR STEEL WEIGHING PLATFORM

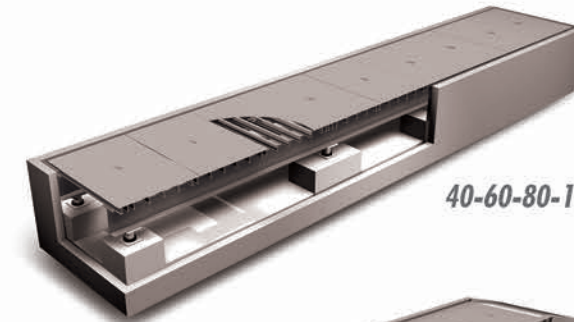
Esit Hippo-P is the transportable type heavy duty steel truck scale, which is designed for easy re-locating by lifting the whole platform as a single module without need for re-calibration. Hippo-P can be used on various ground types such as concrete, asphalt and soil, without a need for foundation. The platform is manufactured with checkered steel cover plate to prevent skidding of the wheels.



40-60-80-100t

PITO-SERIES MODULE STEEL PLATFORM TRUCK SCALES

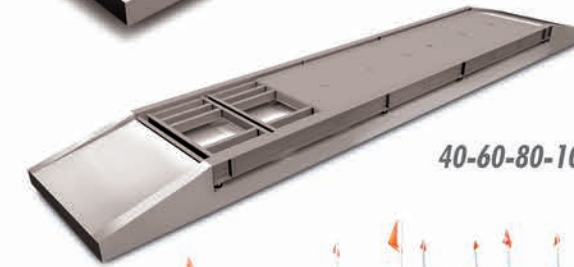
PITO Series vehicle scales are pit-type and made entirely of steel. The steel platforms, manufactured with robotic welding, have a modular structure and are suitable for vehicle access from all directions.



40-60-80-100t

DINO SERIES PIT MOUNTED STEEL WEIGHING PLATFORM

Esit Dino Series Truck scales are designed to withstand every directional vehicle traffic on the weighing platform. Being installed in a pit without ramps, its robust design allows Esit Dino Series to provide long term accurate weighing capability.



40-60-80-100 t

JUMBO-S PITLESS TYPE STEEL WEIGHING PLATFORM

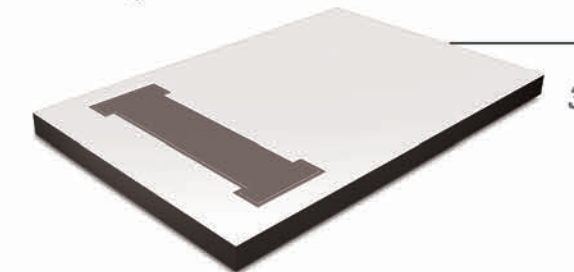
Esit Jumbo-S is a steel truck scale, which is designed for long term accurate weighing under harsh conditions. Esit Jumbo-S can offer a wide range of capacity and platform dimension for extra wide and heavy vehicles' weighing.



40-60t

KOMODO PORTABLE STEEL WEIGHING PLATFORM

Esit Komodo is a portable steel truck scale with very easy installation and dismantling features. Esit Komodo does not require any special foundation, and comes with steel ramps. The platform is manufactured with checkered steel cover plate to prevent skidding of the wheels.



30 t

AR STATIONARY AXLE SCALE

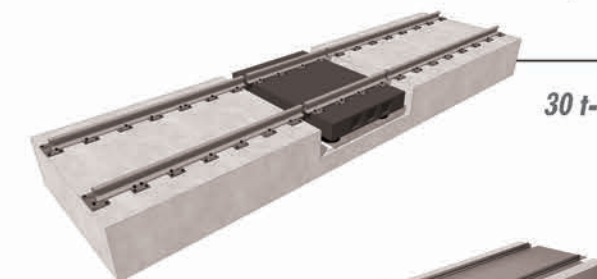
Esit AR stationary axle scales are used to weigh the axle load of vehicles both in static or dynamic mode. In static weighing, the vehicle stops on the platform to let each axle to be weighed individually whereas the vehicle passes over the platform with a constant speed of approximately 10 km/h in dynamic mode.



30 t

AS PORTABLE AXLE SCALE

Esit AS wireless portable axle scales are used to check the axle weights of vehicles for overload controls. Thanks to its aluminum light body and wireless weighing terminal case, it is portable and easy to use. It operates with a re-chargeable dry battery. The wireless system not only provides a user-friendly operation but also eliminates problems arising from cables and connections.



30 t-60 t

DR DYNAMIC VAGON AXLE SCALE

Esit DR Dynamic Vagon Axle Scales are the most effective solution for weighing the wagons without the need to stop the train or separate the wagons. With the ability for both static and dynamic weighing, Esit DR scales have different models for axle and bogie weighing.



120-240t

RW STEEL PLATFORM RAILWAY SCALE

Esit RW railway scales are designed to withstand heavy duty conditions to weigh railway vehicles. They are equipped with a robust weighing platform and high capacity electronic weighing devices. Static and dynamic models are available.

PS SINGLE LOAD CELL PLATFORM SCALES

PS Desktop Scales 24x30cm / 3-6-15-30kg

PS Scales 30x40cm / 15-30-60kg

PS Scales 40x50 cm / 30-60-100 kg

PS Scales 70x80 cm / 150-300-600kg

With their robust and reliable structure, single load cell Esit PS platform scales are designed to withstand harsh industrial conditions with long lasting accuracy. They are mostly produced with stainless steel pans. 70x80 cm platforms have painted steel option. Battery operated versions are available.

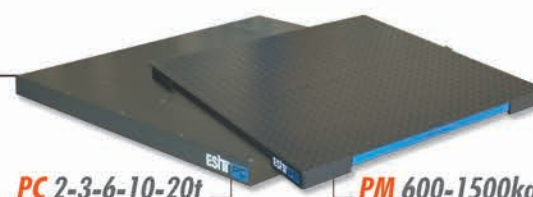


PM / PC PLATFORM SCALES

PC Industrial Scales 2-3-6-10-20 t

PM Monoblock Scales 600-1500 kg

Thanks to their heavy duty body with four load cells, Esit PM and PC model platform scales are designed to be used at even the most severe conditions. The platform has steel, stainless steel and galvanised steel options.



PC 2-3-6-10-20t

PM 600-1500kg

TT TRANSPALLET SCALES

TT Transpallet Weighers 2000 kg

Esit TT Transpallet Scales are designed to weigh all standard pallets during loading, discharging and stacking operations in the warehouses. They are made of a transpallet accompanied by a full electronic 4-load cell weighing system which is powered by an internal rechargeable accumulator.



PU PALLET SCALES

PU U Shaped Pallet Scales 1500-3000 kg

Esit PU "U" Shaped Pallet Scales are designed to weigh pallets during loading, discharging and stacking operations in the warehouses. It can easily be moved with its handle and two wheels. Stainless steel and galvanised coated versions are available.



CH LIVESTOCK WEIGHING SCALES

1500kg

Esit CH Livestock Scales are designed to be used to weigh animals in livestock farms, stud farms and jockey clubs. The platform is equipped with cage-like banisters with two gates to provide an easy entry and exit for the animal. Stainless steel and galvanised coated versions are available.

PL PLATFORM SCALE

PL Platform Scales 300 – 600 - 1500 kg

Esit PL Scales are designed with a slim profile of a 45 mm height and a ramp, to weigh vessels with wheels. It has a robust and heavy duty structure to be used under harsh industrial conditions. Steel and stainless steel versions are available.



Indicator Options



Software Options



WTD WIRELESS CRANE SCALE 5000kg

With a unique and compact design, Esit WTD Crane Scale offers maximum accuracy and long time use. The system consists of a battery operated scale including a remote control unit and a wireless led display.

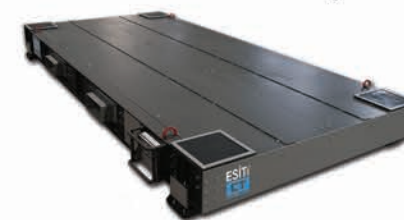
MR MONORAIL SCALE 600-1500kg

Monorail scales are developed for weighing operations performed on ceiling-mounted rails, which enable meat transfer in slaughter-houses.



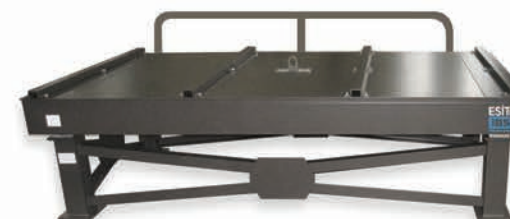
CT CONTAINER SCALE 40000kg

Esit CT scales are built for up to 20 feet container weighing. There are special slots in the platform for moving with a forklift to provide easy relocation. It is equipped with a rechargeable internal battery.



RL COIL SCALE 30000kg

Fully electronic, four-load cell Esit RL coil scales offer a robust construction to withstand even the most severe industrial conditions for weighing coils.



IBS IRON BAR SCALE 6000-15000kg

Fully electronic, Esit IBS iron bar scales offer an efficient weighing of iron bars or metal profiles.

Aviation Scales



AWS AIRCRAFT WEIGHING SYSTEM

Esit AWS system is a portable aircraft weighing system with integrated center of gravity calculator. System consist of a rugged cased indicator, 3 loadcells and required accesories for center of gravity measurement. It can be easily carried with its' wheeled carrying case which has also high protection class.

AWK AIRCRAFT WEIGHING KIT

Esit AWK Aircraft Weighing kit is ideal for large aircrafts which needs to be lifted from several spots at the same time and numerous weighing kits are used for weighing. Provided with an integrated weighing indicator in a protective case, Esit AWK is a practical and accurate weighing device.



WEIGHFLY PORTABLE AIRCRAFT WEIGHING SCALE 600-4000kg

Portable and battery operated low cost aircraft scale with foldable platform design. Reliable scale to determine the center of gravity and weight and balance of the aircraft. Suitable for light airplanes and ultralights. You can monitor weighing information by downloading the Weighfly application from IOS and Android markets.



Panel Type



Desktop Type



ESIT Data Logger



Data logger is a data recording software which provides recording of conditions encountered over time and thanks to monitoring helps to identify overlooked elements.

ECI SERIES MULTI FUNCTIONAL WEIGHING INDICATOR AND CONTROLLER MODELS

- ECI Weighing Indicator
- ECI-BF Controller with Filling Feature
- ECI-BA Controller with Prescription
- ECI-HS Silo (Hopper) Scale Controller
- ECI-CW Checkweigher Controller
- ECI-Digital Digital Load Cell Indicator

With its new technological hardware and software structure, Esit ECI successfully performs the most professional solutions in any weighing operation by offering multi-functionality, performance and ease of use that are far beyond the standards.

ECI-EX EXPROOF INDICATOR

With its Atex certified Ex-proof housing, the ECI-EX indicator of the ECI series offers multi functionality and safety for such environments where flammable chemicals, gases and petroleum products are present.

SMART-2 INDICATOR

Specially developed for practical and multi functional use with various control and connectivity features. Esit SMART-2 is a small and clever weighing indicator with a rugged and durable housing, offering an optional wifi/bluetooth connection for smartphones and tablets.

SMART-P INDICATOR

Specially developed for such devices and machines which control limit values via weight measurements, Esit SMART-P is a small and simple weighing indicator with a rugged and durable housing.

CDI DIGITAL LOAD CELL WEIGHING INDICATOR

The new Esit CDI is a high-tech, high-precision digital weighing indicator developed to be used with digital load cells in industrial scales, truck scales, tank or silo weighing, etc...

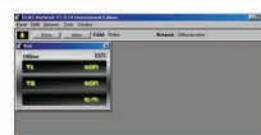


Column and Wall Mount Type



Softwares

DLMS-NW



It is a network software that provides multi-device connection of new generation Esit indicators and allows remote weighing monitoring and record keeping.

ESIT WDI



It is a program used for recording and reporting information coming from multiple scales in PC environment. It works compatible with Esit Wifi+.



PWI INDICATOR

Esit PWI is a weighing indicator that can easily provide control functions such as filling and prescription with different software and hardware options.



ART-2 INDICATOR

With its compact and state-of-the-art structure as well as its high level of sensitivity and improved functions, Esit's new generation scale indicator, ART-2 offers the users all the features they expect. Stainless steel options is available.



TR-3 LOAD CELL AMPLIFIER

It is used as an analog signal converter for PLC or similar industrial control devices in weighing, batching, level control and process control applications. With a user settable relay output, it is possible to control stand-alone systems of simple on-off, fill-empty automations.



TR-4 / TR-5 GALVANIC ISOLATED LOAD CELL AMPLIFIER

With its new generation design, Esit TR4 provides data transfer, adjustment and calibration functions via USB-C port or wifi/bluetooth connection. It offers solutions for many different needs with its 2 internal relays, analog output and modbus output. It is extremely easy to use and calibrate, as there is status information shown on its display. Additionally to Esit TR-4, TR-5 includes ethernet IP, Profibus/net and various other output options.



LCA-2 LOAD CELL AMPLIFIER

LCA-2 load cell amplifiers are ideal for weighing various tanks and similar units, enabling remote monitoring of all measurements in the most cost-effective way.

LCA-X LOAD CELL AMPLIFIER

LCA-X is an amplifier without the display, transmitting the analog signal to external devices.



RD SERIES REMOTE DISPLAY

ESIT-RD series are external displays with character size from 20mm to 210mm. It is connected to weighing indicator's RD output port.



RDA SERIES MESSAGE PANELS

ESIT-RDA series are multi-purpose external message panels for displaying messages related with weighing and vehicle traffic control. Message panels are connected to PC's with truck scales software.



PWI-T WEIGHING INDICATOR

A high performance member of the PWI series, Esit PWI-T computer based weighing terminal is used with electronic truck scales, which operate in industrial environments. Esit PWI-T has an embedded software called Estruck for easy truck scale operation, monitoring and reporting.



Panel/Column Type



PWI-S STAINLESS STEEL INDICATOR

Desktop/Column Type



ART-2-S STAINLESS STEEL INDICATOR



BEAM TYPE LOAD CELLS

The bending beam type load cells were developed for accurate weighing and force measurement applications under industrial conditions.



PLATFORM TYPE LOAD CELLS

The platform type load cells offer a high level of accuracy under industrial conditions.



TENSION (S) TYPE LOAD CELLS

The S type load cells were developed for weighing tension and compression with high accuracy.



DIGITAL LOAD CELLS

New generation digital load cells are high precision digital versions of analog load cells. Advanced features such as angle detection and high accuracy are standard with digital load cells. Digital load cells can be operated by ECI Digital, ART-2, CDI weighing indicators and STEP7 weighing terminal.



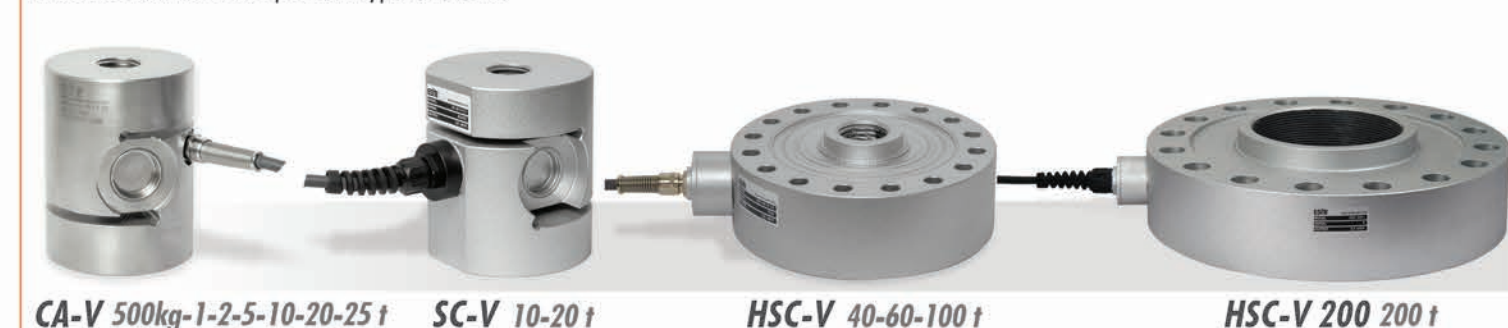
COMPRESSION TYPE LOAD CELLS

Compression type load cells were developed for use in high capacity weight and force measurement applications in industrial environments. The precise and rugged load cell offers high resistance to side forces and overload conditions. They are ideal for vehicle scales and tank weighing.



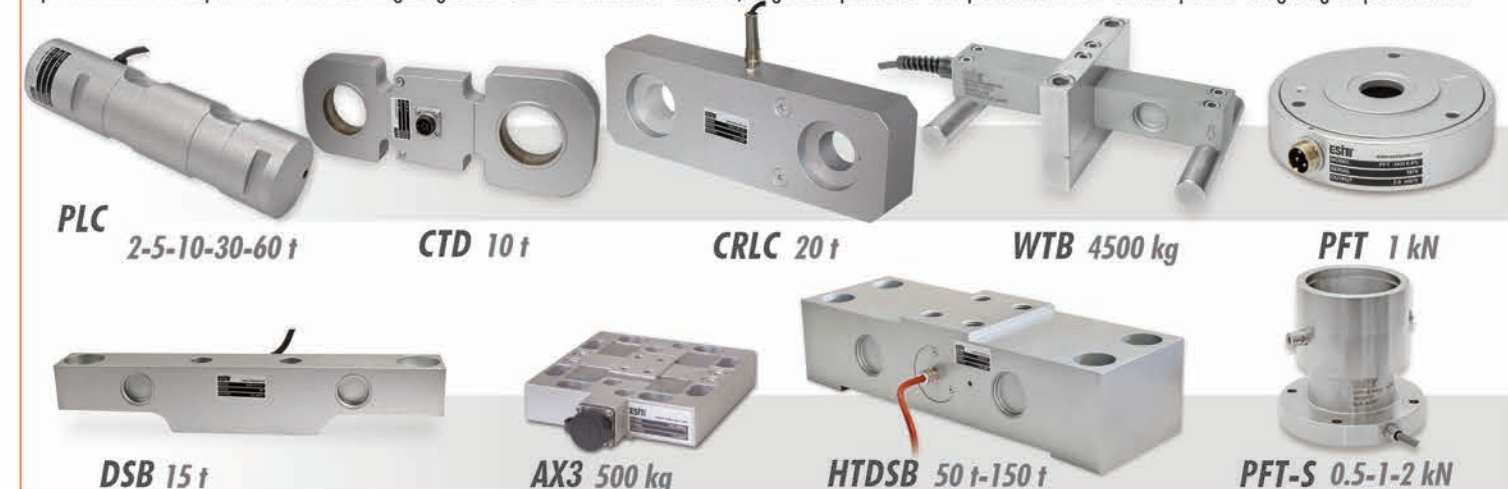
COMPRESSION TYPE SCREW MOUNTED LOAD CELLS

Threaded versions of compression type load cells.



SPECIAL LOAD CELLS

Special load cells provide various weighing solutions for overload control, high temperature compensation and other special weighing requirements.





ELT ELASTOMER MOUNTING KITS



BB-ELT

BB-ELT : 20-50-100-200 kg
BS-ELT : 200-500-1000-2000 kg
SBS-ELT : 200-500-1000-2000 kg
SSB-ELT : 1-2-5-10 t
SC-ELT : 10-20 t
HSC-ELT : 40-60-100 t
MSC-ELT : 6-10-20-30 t

With its rubber and steel structure, Esit ELT elastomer mounting kits protect load cells from impacts and can be used in various kinds of industrial weighing applications, especially where vibration is present. Esit ELT provides a high level of security against rolling of the weighing systems.



SSB-ELT



SC-ELT



HSC-ELT

EL ELASTOMER MOUNTING KITS

SC-EL / SC-EL-TM : 10-20 t
HSC-EL : 40-60-100 t
CAV-EL / CAV-EL-TM : 500kg-1-2-5-10-20-25t
MSC-EL : 6-10-20-30 t

With its rubber and steel structure, Esit EL mounting kits are used especially in truck scales, railway scales and industrial weighing applications to provide high accuracy and to protect the load cells from side forces formed by sudden brakes and thermal expansion of the platforms.



SC-EL



HSC-EL

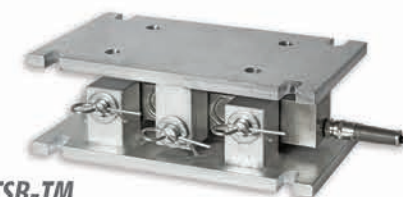
TM TANK MOUNTING KITS

BS-TM : 200-500-1000-2000 kg
SBS-TM : 200-500-1000-2000 kg
SSB-TM : 1-2-5-10 t
SC-TM : 10-20 t
CA-TM : 500kg-1-2-5-10-20-25t
HSC-TM : 40-60-100-200 t
CD-TM : 25-30-40 t

With its durable steel structure, Esit TM tank mounting kits are used in all types of high capacity tank, mixer and bunker weighing systems that require stable fixing to the ground.



BS-TM



TSB-TM



HSC-TM



SC-TM

HA MOUNTING KITS

BB-HA : 20-50-100-200 kg
TB-HA : 500-1000-2000-5000 kg
STCS-HA : 50-100-200-500 kg

With its joint mounted structure, Esit HA mounting kits are used to hang the load cells to correct off-center loads and protect load cells from side forces.



TB-HA

STCS-HA

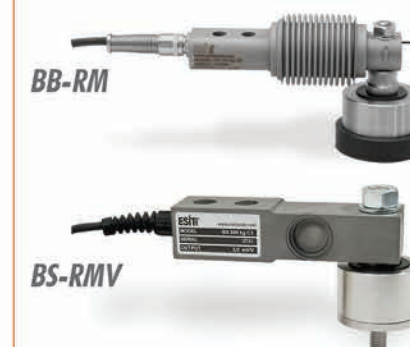


BB-HA

RM/RMV ROCKER MOUNTING KITS

BB-RM/RMV : 20-50-100-200 kg
BS-RM/RMV : 200-500-1000-2000 kg
SBS-RM : 200-500-1000-2000 kg
CD-RM, SSB-RM, SC-RM

Esit rocker mounting kits are used to protect the load cells from side forces and preferred to be used for accurate weighing under vibration and lateral expansion.



BB-RM

BS-RMV



CD-RM

PL MOUNTING KITS

BS-PL
SBS-PL

ESIT PL Mounting kits protects load cell from side loads. Used in platform scales. Allows level adjustment.



BS-PL



SBS-PL

ET FIXED BEARINGS

ELT-ET
TM-ET

Esit ET fixed bearings are designed to provide economic solutions for liquid or gas tank weighing systems which does not require an accuracy more than 1/1000.



ELT-ET