



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

Established in 1980, Esit is one of the leading manufacturer companies operating in the weighing sector. Esit not only produces load cells and weighing indicators, but also provides a wide range of weighing device model line including platform scales, weighbridges, bag filling scales, belt scales, checkweighers and various automatic and dynamic weighing devices.

Esit also operates as a designer and manufacturer in customized projects such as wagon test devices, dead weight (force calibration) machines, torque meters, aviation industry solutions, etc...

With its headquarters and electronic component production plant located in Istanbul, Esit has a second production plant in Hendek specifically for weighbridge production. The distribution and technical service network of Esit consists of many branches in Turkey and numerous distributors worldwide. Currently, Esit provides advanced weighing component and devices over 60 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 60 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 17025:2000 standard that was approved in March 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.

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.





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 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 found to be out of the defined weight or count ranges. With its durable stainless steel body and special belt design, Esit Checkweighers are capable to do 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 flow rates of fluidal dust and granular materials those can flow by free fall principle in industry.



ESİT ESTRUCK TRUCK SCALE PROGRAM

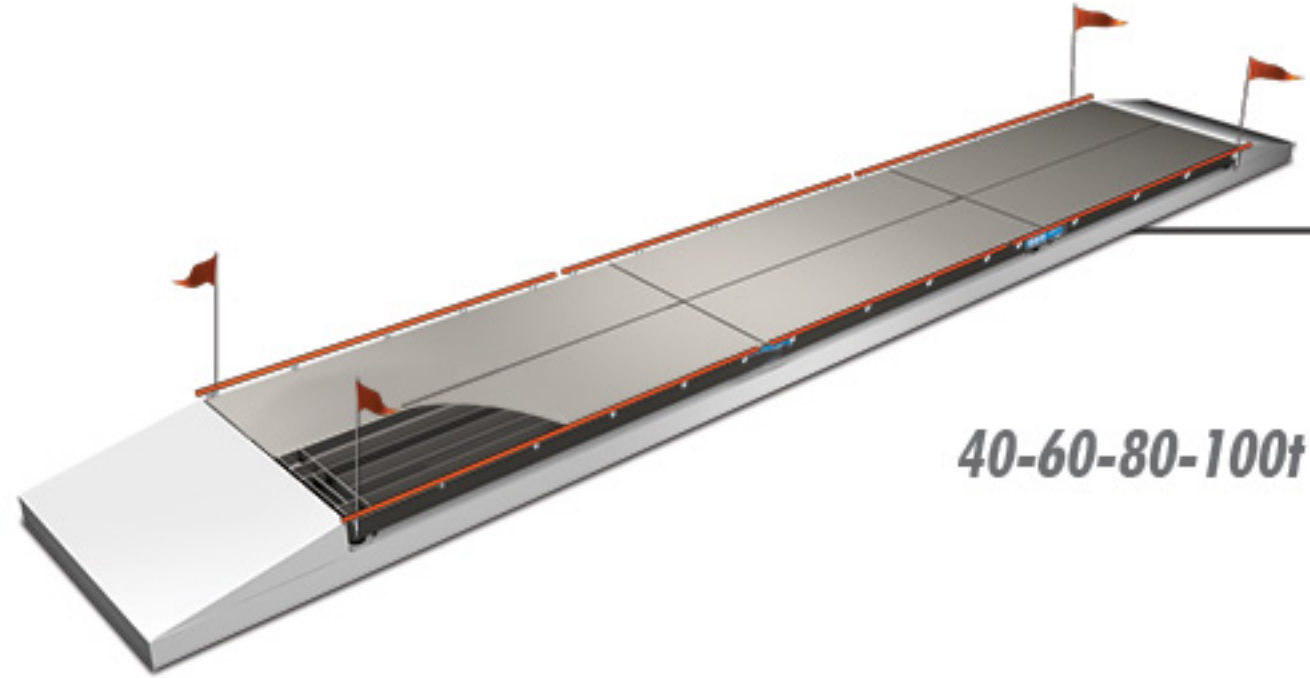


- 1- Remote Display
- 2- Traffic Lights
- 3- Mechanical Barrier

ESİT SPWIN PRO TRUCK SCALE PROGRAM



- 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



HIPPO-SERIES MODULAR STEEL WEIGHING PLATFORM

With their modern design and robotic production methods, Esit Hippo Series Truck Scales provide easy installation and maintenance by its modular steel platform design. There are various models for different weighing requirements and capacities.



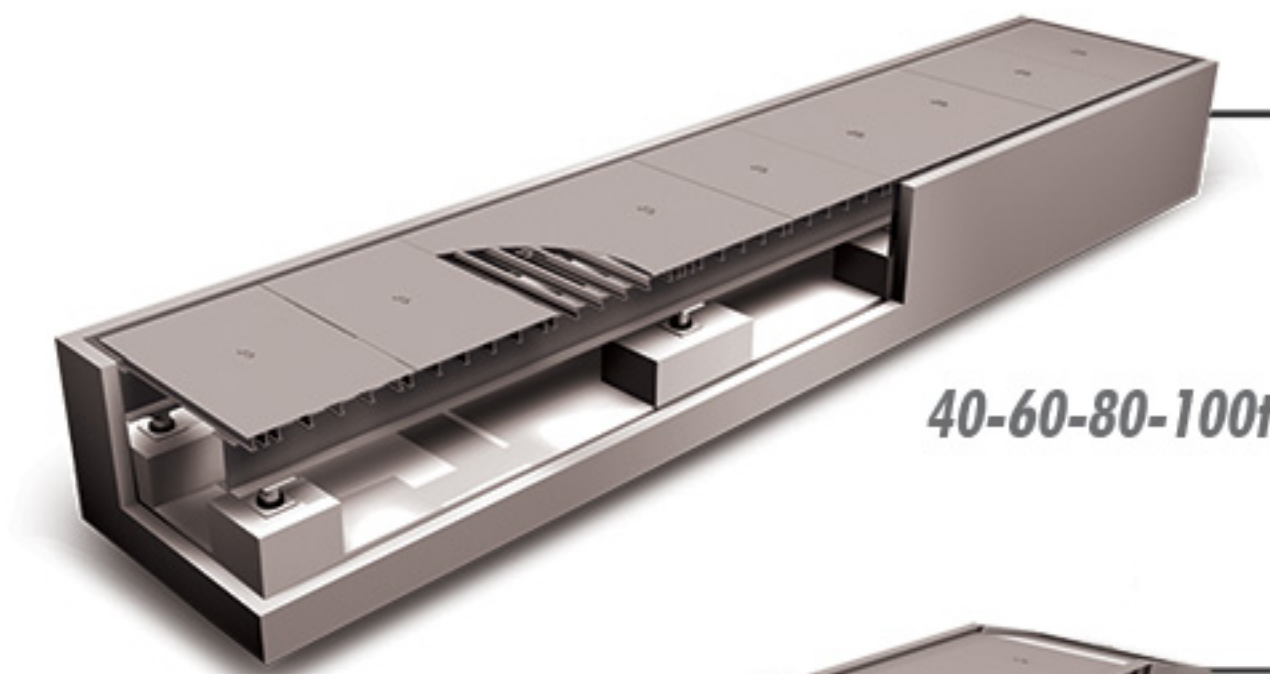
HIPPO-P TRANSPORTABLE MODULAR STEEL WEIGHING PLATFORM

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.



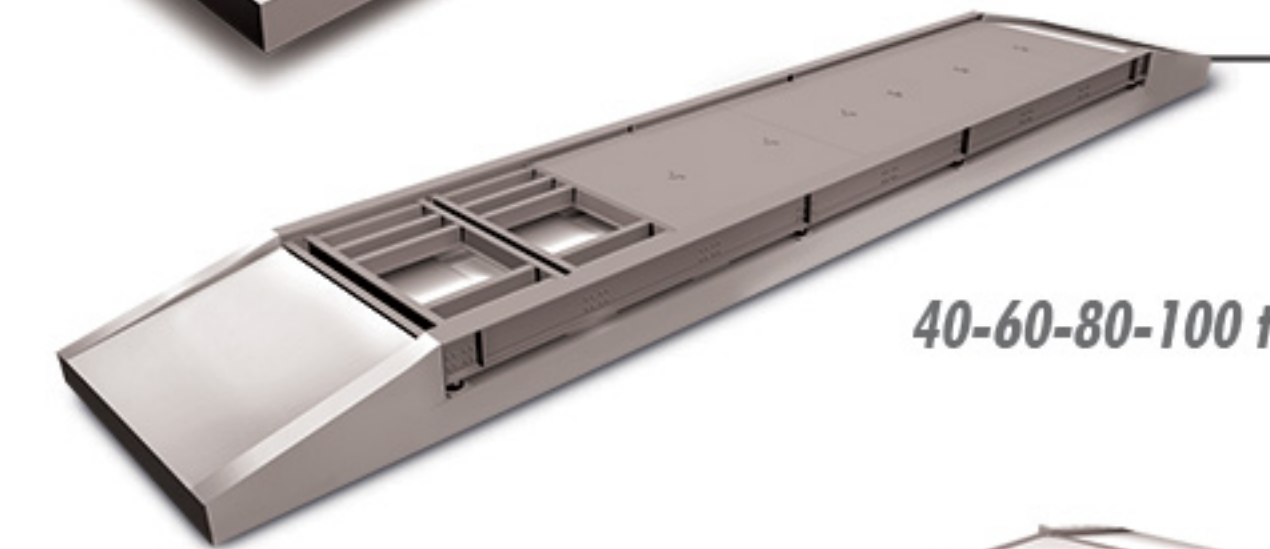
KOMODO PORTABLE STEEL WEIGHING PLATFORM

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.



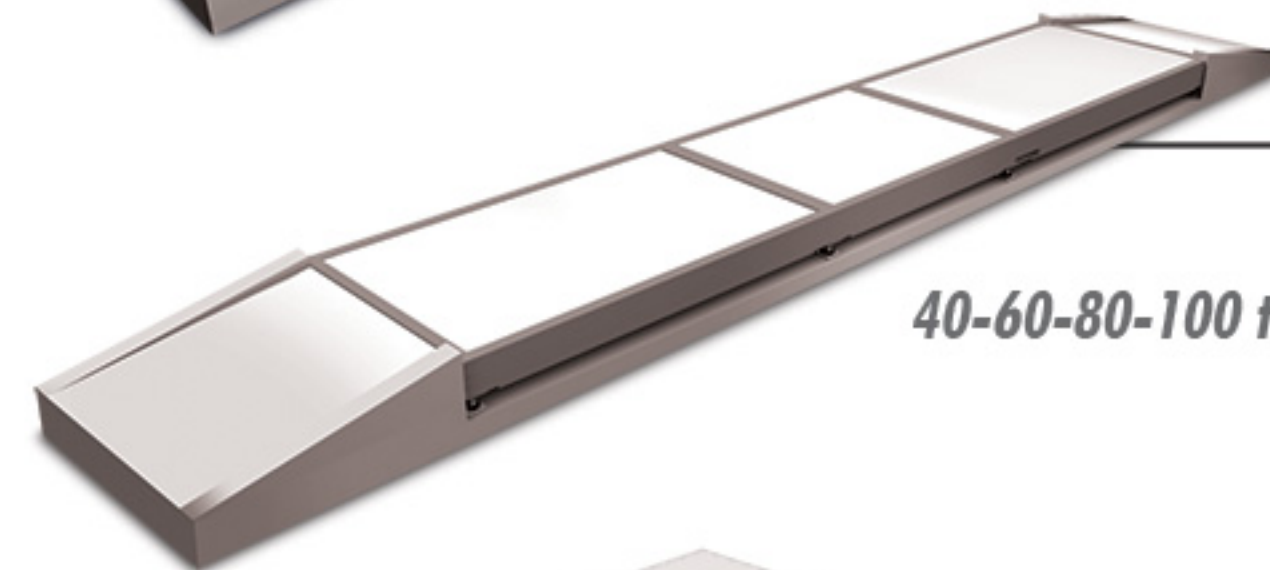
DINO SERIES PIT MOUNTED STEEL WEIGHING PLATFORM

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.



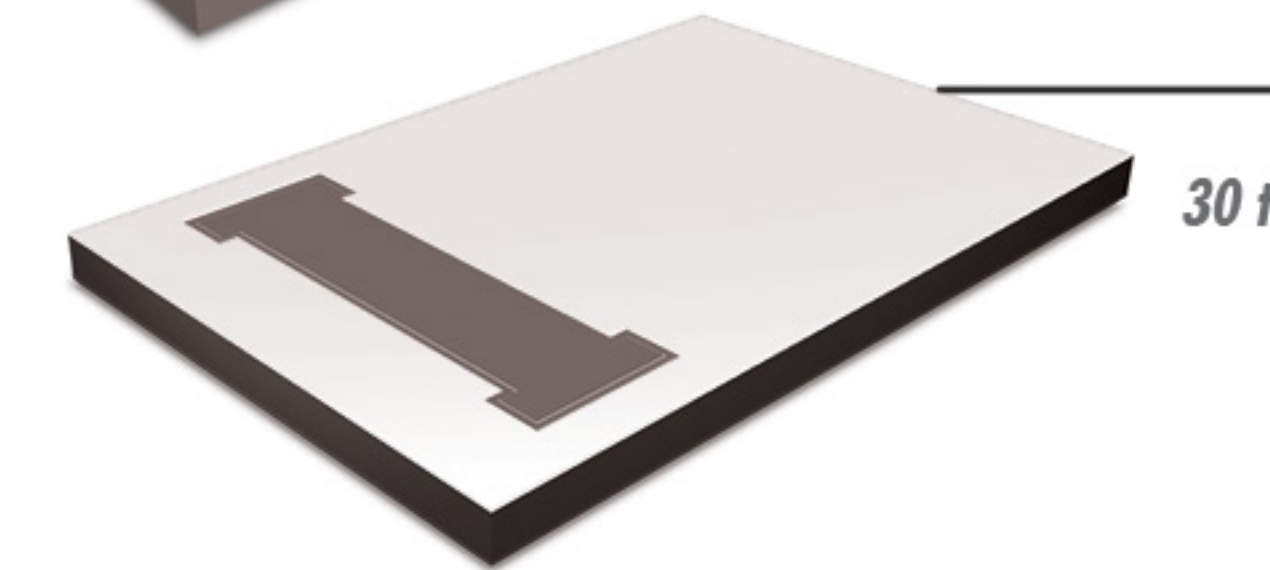
JUMBO-S PITLESS TYPE STEEL WEIGHING PLATFORM

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.



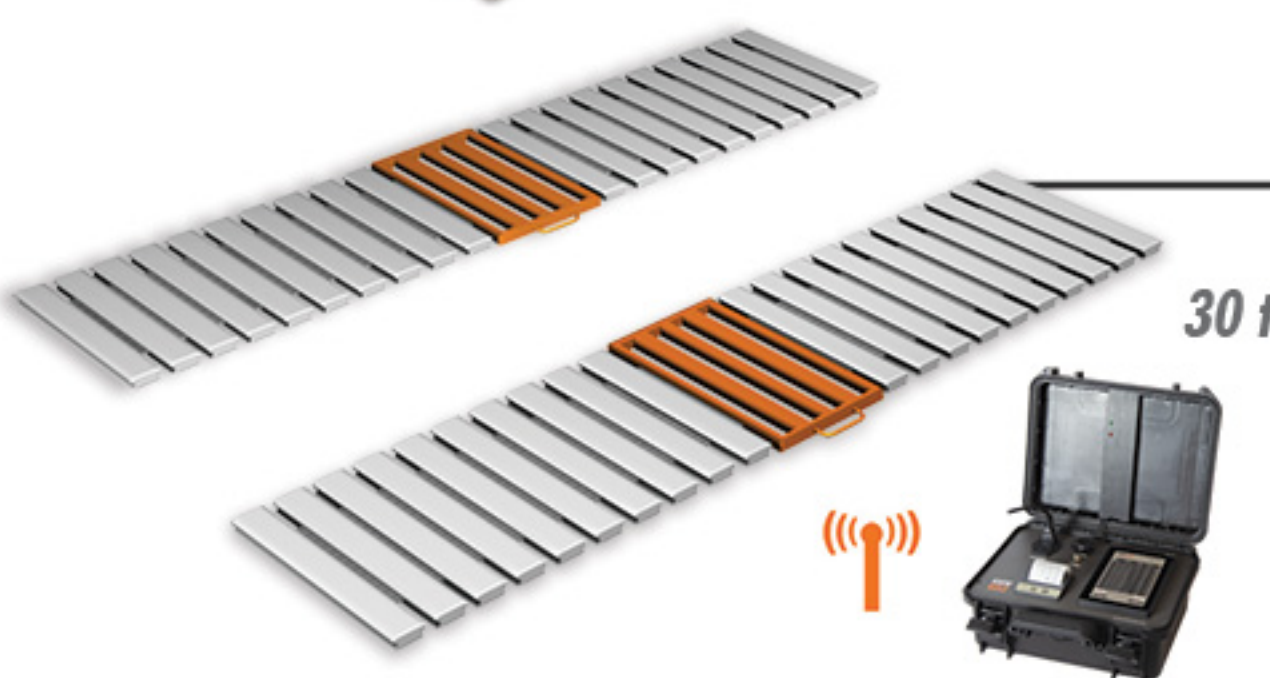
CS CONCRETE FILLED STEEL PLATFORM

With its robust construction, Esit's CS type concrete weighbridges offer considerable cost savings and a very long service life compared to other models.



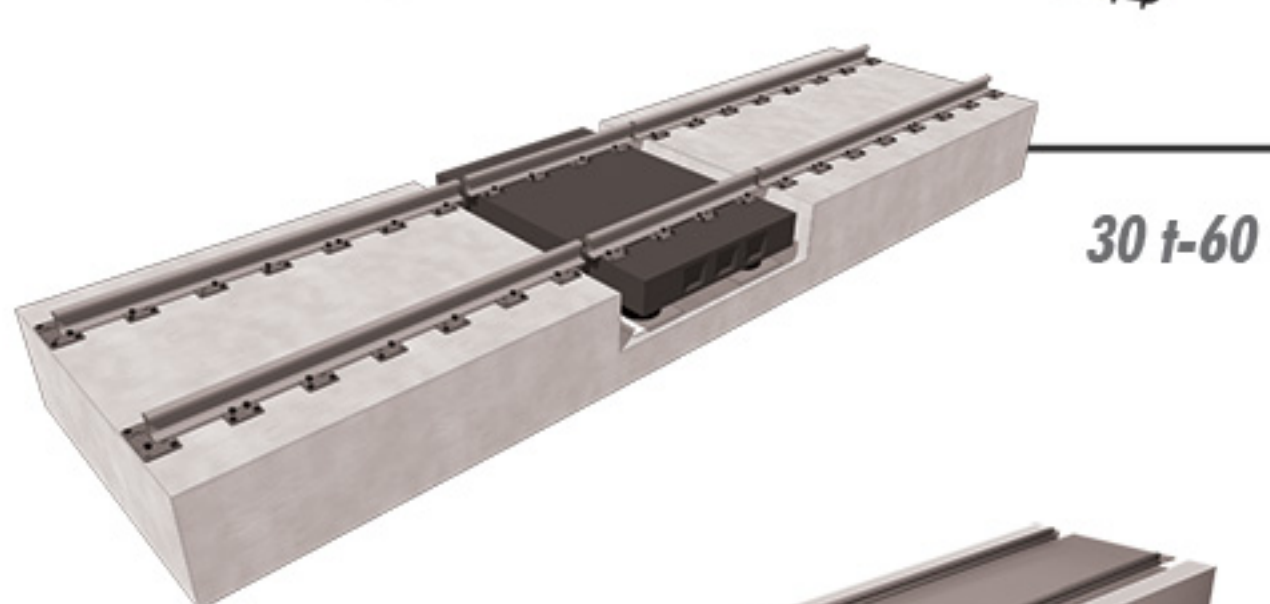
AR STATIONARY AXLE SCALE

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.



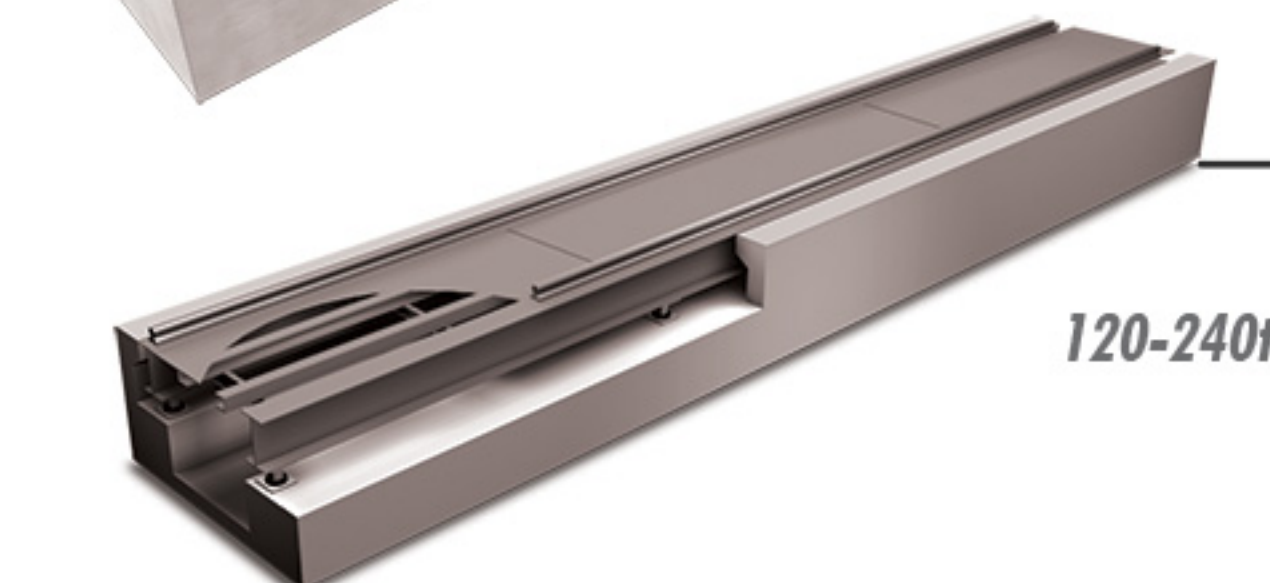
AS PORTABLE AXLE SCALE

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.



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.



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. Biggest platforms have painted steel option. Battery operated versions are available.

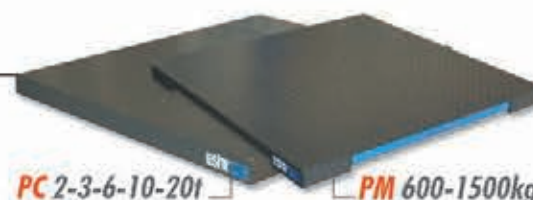


PM / PC PLATFORM SCALES

PC Classic 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 body can be produced as painted steel, stainless steel or galvanise coated for different environments.



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. Thanks to the design which can be moved on wheels, it makes it easier to relocate without lifting the scale up. 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 45 mm height, a ramp, included and slim body to weigh vessels with wheels. They have a robust and heavy duty structure to be used under harsh industrial conditions. Painted 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 designed with a robust and heavy duty construction for container weighing applications. There are special slots on the platform to be lifted with a forklift to provide an 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, four load cell Esit IBS iron bar scales offer a robust construction to withstand even the most severe industrial conditions for iron bar or metal profile weighing.

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



Desk 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 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 resistance to flames and impacts, which makes it suitable for such environments where flammable chemicals, gases and petroleum products are present.

SMART-2 INDICATOR

Specially developed for such devices and machines which control limit values via weight measurements, Esit SMART-2 is a small and clever weighing indicator with a rugged and durable housing. With its compact design including wifi or bluetooth connection capability, Smart2 offers a remote connection with 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...

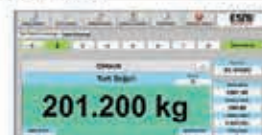


Column and Wall Mount Type



Softwares

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+.

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.



PWI INDICATOR

PWI-S STAINLESS STEEL 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 INDICATOR

ART-S STAINLESS STEEL INDICATOR

Esit ART is the most suitable indicator for scales with its double displays, functional keypad, 220 V power option and parallel printer output. As Esit ART can be provided as stainless steel it is also very easy with ART to design and print stickers.



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 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.

LCA-D LOAD CELL AMPLIFIER

LCA-D load cell amplifiers weigh various tanks and similar units, and enable remote monitoring of all measurements in the most cost-effective way possible.

LCA-X LOAD CELL AMPLIFIER

LCA-X is similar with the LCA-D amplifier model, only without the display.

RD SERIES REMOTE DISPLAY

ESIT-RD series are multi-purpose external displays with character size models from 20mm to 210mm.

ETHERNET PLUS CONVERTER

Ethernet Plus is designed to convert the RS232 output of the indicators to Ethernet.

ETHERNET CLOUD CONNECTION

Esit Ethernet Cloud device and Esit Cloud Server, which can be accessed via www.esitscale.com, is developed by Esit to provide security, transparency and efficiency to weighing operations with plug and play features.

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 monitoring and reporting.

Panel Type



Desk Type





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 and functionality 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 and CDI Digital Indicators.



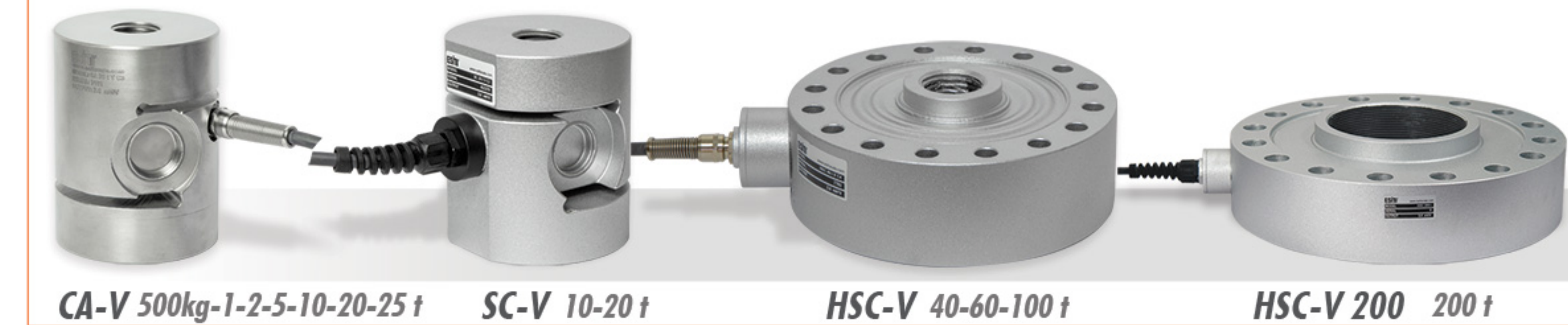
COMPRESSION TYPE LOAD CELLS

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.



COMPRESSION TYPE SCREW MOUNTED LOAD CELLS

Threaded versions of compression type load cells.



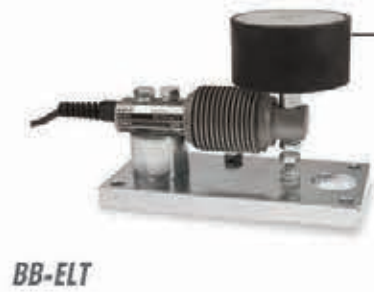
SPECIAL LOAD CELLS

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



SSB-ELT

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.



SC-ELT



HSC-ELT

EL MOUNTING KITS



SC-EL

SC-EL : 10-20 t
HSC-EL : 40-60-100 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.



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
HSC-TM : 40-60-100-200 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

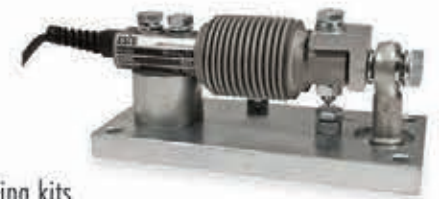
BB-HA : 20-50-100-200 kg
TB-HA : 500-1000-2000-5000 kg
STCS-HA : 50-100-200-500 kg

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