Yenilik senin geleceğin
Innovation is your future

Since **1972**

WEILO WEIGHING LOADCELL

INNOVATION IS YOUR FUTURE

SCALE CATALOG

ISO 9001:2015 CERTIFIED COMPANY | CE | M 23 | OIML

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WEILO ®
Weighing Loadcell

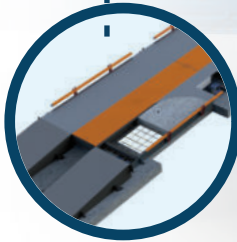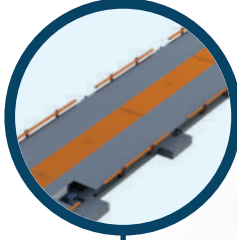Since 1972

Since 1972

WEILO

Weighing Loadcell

ABOUT US

As Weilo, we have been leading the Electronic and Mechanical Weighing Instruments industries for over 50 years. We have been addressing customer needs for many years with our patented products, innovative measuring systems and engineering marvels.

Today, we continue to support and lead the industry with our production, technical and sales teams. Our aim is to produce the weighing systems that provide the most sensitive, most accurate and most efficient information for test, research, control and weighing applications in the future, as we have done in the past, and to offer them to the use of the whole world. We know the importance our customers place on weighing applications and we keep quality as our highest priority. In the Automation and Weighing Sector, we always follow the latest technology and integrate it into our products, and we do not keep our customers away from today's technology. We are proud to introduce the Turkish company to the world with our exports to more than 16 countries, to create employment for our young engineers and to contribute to our country's economy to a large extent. Electronic Weighing Systems, Mechanical Weighing Systems, 100% Domestic Electronic Load Cell and Indicator Production, Truck Scales, Industrial Weighing Systems, Filling and Bagging Systems and almost all categories belonging to the weighing industry, we are taking firm steps towards becoming the best in Turkey.

1

WEIGHING PLATFORM

The TS-5 Carcassa is the result of the application of WEILO quality on the weighing platform, combined with civil engineering to withstand high tonnages on bridges and viaducts. The weighbridge comes with readymade ramps as an option, so minimal infrastructure is required. Mounted on the ground, mechanical installation is completed within 1 hour.

2

CARCASSA CONCRETE AND STEEL MESH REINFORCEMENT

The TS-5 vehicle scale draws its strength in design and durability from 50 years of WEILO experience as well as engineering applied to bridges and viaducts. This system consists of pre-stressed steel reinforcement inside the steel platform and then reinforced with C50 grade concrete. The total weight of the platform after completion is 25 tons.

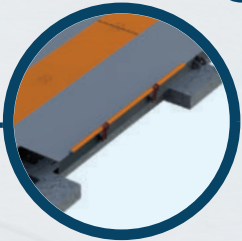| MODEL	DIMENSIONS (m.)	CAPACITY TON	LOAD CELL	DIVISION (kg)
TS-5	3X8	40-50-60 t	4	10/20kg.
TS-5	3X10	40-50-60 t	6	10/20kg.
TS-5	3X12	40-50-60 t	6	10/20kg.
TS-5	3X14	60-80 t	8	20kg-50kg.
TS-5	3X16	60-80-100 t	8	20kg-50kg.

3 MODULAR RAMP

WEILO Mounting kits that using in vehicle scales provide full protection against lateral loads and reduce shock during sudden inputs and outputs, preventing inaccurate weighing.

4 SIDE BARRIERS

The side barriers provided as standard on the TS-5 Vehicle Scale ensure easy and safe access of vehicles to the weighing platform.

5 LOAD CELL (LOAD CELLS)

The WTL load cell with a capacity of 30 tons used in WEILO TS-5 vehicle scale has C4 Certificate in OIML R60 standards. While 8 load cells are used in standard scales with capacities over 3x14 meters, WEILO uses 10 load cells in the TS-5 model to minimize the load and make strong accurate weighing.

6 MOUNTING KITS

WEILO Mounting kits that using in vehicle scales provide full protection against lateral loads and reduce shock during sudden inputs and outputs, preventing inaccurate weighing.

WEIGHING INDICATOR

The W3 Weighing Indicator is a premium quality weighing indicator with high speed and precision AD converter. With its wide range of applications, the W3 is suitable for use in many areas such as vehicle scales, platform scales, tank weighing and testing equipment.

WEIGHING TERMINAL AND SOFTWARE

WEILO Windows based weighing program is very easy to use. While it is simple enough to be used by anyone who knows how to use a computer, it has data sending and reporting functions in xml, excel, pdf, html, txt formats with its powerful database. Remote traceability is provided with the optional webbased database.

JBS STAINLESS COLLECTION BOX

JBS Stainless steel collection box allows the cables coming from the load cells to be collected in a single box in weighing systems where more than one load cell is used. Connection is made easily with the terminals on it, and the signals from the adjustable potentiometers and load cells are collected in a box.

LIGHTNING PROTECTION

WEILO truck scales feature temperature compensation as standard in addition to all load cell mounting kits and an advanced grounding system in the load cells. In this way, the scale not only operates smoothly from -20 to +60 degrees, but also provides protection against natural disasters.

WEILO
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Since 1972

The W3 weighing indicator that we use in the TS1 Truck Scale is a robust and reliable weighing indicator with high precision 24 bit sigma delta ADC, antivibration filtering software and stable weighing features. It has legally more precise weighing feature with its two-stage weighing feature, 1/30000 ADC cycle sensitivity, and a 26 mm high backlit LCD screen. TS1 Golden series truck scale has a completely steel platform. It is mounted on the ground, and the scale can be easily climbed using reinforced concrete ramps.
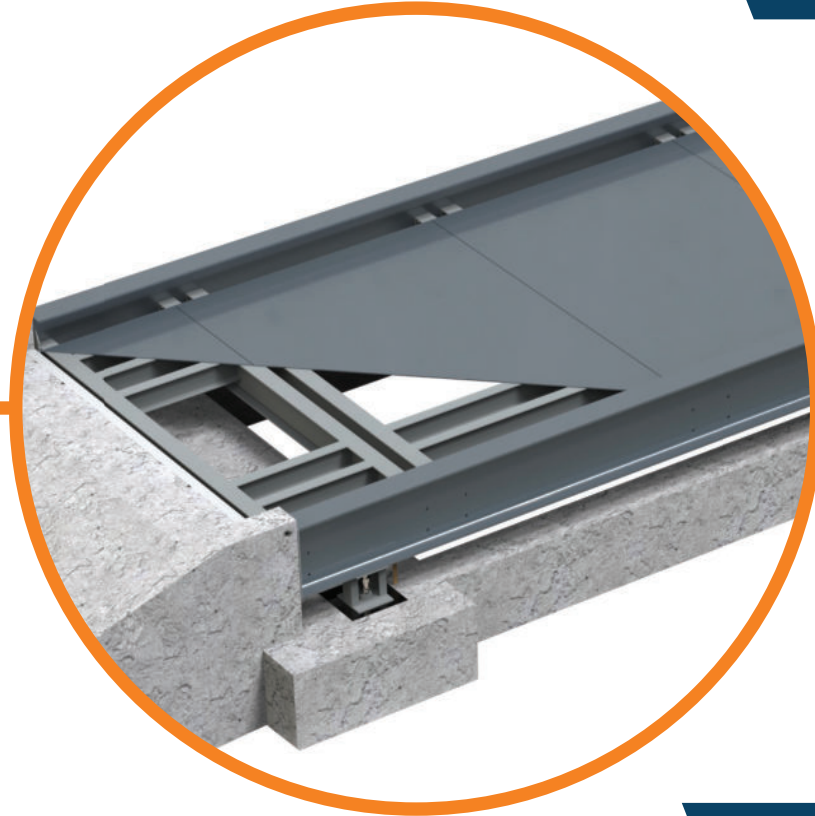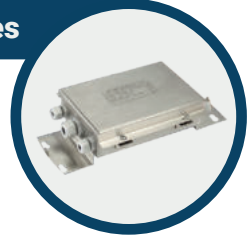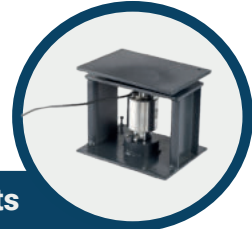
W3 Weighing Indicator

Weighing Terminal and Software

WTL Compression Type Load Cell

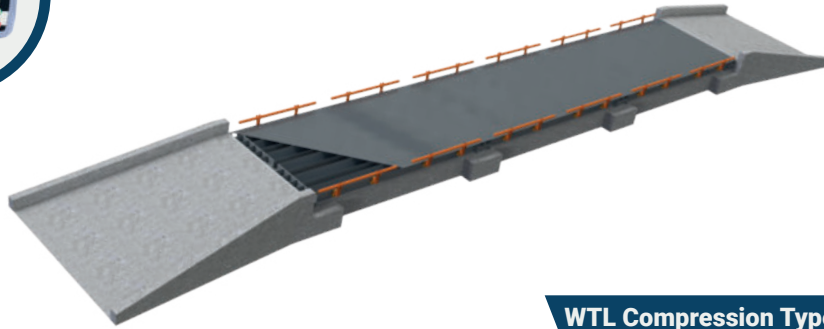| MODEL	DIMENTIONS (m.)	CAPACITY TON	LOAD CELL	DIVISION (kg)
TS-1	3X6	40 t	4	10/20kg.
TS-1	3X8	40-50-60 t	4	10/20kg.
TS-1	3X10	40-50-60 t	6	10/20kg.
TS-1	3X12	40-50-60 t	6	10/20kg.
TS-1	3X14	60-80 t	8	20kg-50kg.
TS-1	3X16	60-80-100 t	8	20kg-50kg.
TS-1	3X18	60-80-100 t	8	20kg-50kg.
TS-1	3X20	60-80-100 t	10	20kg-50kg.
TS-1	3X22	60-80-100 t	10	20kg-50kg.

ISO CE M 23 OIML

TS1 Golden series column truck scale is a classic floor scale, called the beam system. IPE type high strength structural steel is used on the platform. The upper covering sheet varies depending on the weighbridge capacity, but it is approximately 10 mm thickness. It is very easy to assemble and can be easily moved to another area whenever desired.

Collection Boxes

WTL Mounting Kits

SCALE PROGRAM

WEILO Windows based weighing program is very easy to use. While it is simple enough to be used by anyone who knows how to use a computer, it has data sending and reporting functions in xml, excel, pdf, html, txt formats with its powerful database. Remote traceability is provided with the optional webbased database. Light management and license plate reading systems can be easily integrated.

LOAD CELLS

The compression type load cell is OIML R60 C4 certified with a capacity of 30 tons. With its stainless steel body and IP68 protection, it is extremely resistant to adverse environmental conditions and corrosion. It prevents incorrect weighing by providing protection from lateral loads with standard mounting kits. Optionally, WEILO WTL model digital load cells are also used.

W3 Weighing Indicator

Weighing Terminal and Software

WTL Compression Type Load Cell

WEIGHBRIDGE STEEL PLATFORM

TS2 Bosphorus series truck scale has a complete steel platform. It is mounted on the ground, and reinforced concrete ramps are used to climb onto the scale. TS2 Bosphorus series are modular type above ground scales called V beam system. V-shaped bent steel profiles are used on the platform. V beams are welded to the top covering sheet. The top covering sheet varies according to the scale capacity, but it is 10 mm thick on average. It is the easiest model to assemble. It can be easily moved to another area at any time.

WEIGHING TERMINAL

The W3 weighing indicator we use on the TS2 truck scale is a robust and reliable weighing indicator with high precision 24 bit sigma delta ADC, stable weighing features with antivibration filtering software. Legally more precise weighing with two-stage weighing feature. 1/30000 ADC cycle accuracy, 26 mm high backlit LCD display.

WEIGHBRIDGE PROGRAM

WEILO Windows based scale program is very simple and easy to use. It is simple enough to be used by anyone who knows how to use a computer and has a powerful database with data sending and reporting functions in xml, excel, pdf, html, txt formats. It provides remote monitoring with the optional webbased database. Light management and license plate reading systems can be easily integrated.

LOAD CELLS

Pressure type is OIML R60 C4 certified with 30 tons capacity. Highly resistant to adverse environmental conditions and corrosion with its stainless steel body and IP68 protection. With the mounting kits offered as standard, it provides protection from lateral loads and prevents inaccurate weighing. WEILO WTL series digital load cells are also available as an option.

MODEL	DIMENSIONS (m.)	CAPACITY TON	LOAD CELL	DIVISION (kg)
TS-2	3X6	40 t	4	10/20kg.
TS-2	3X8	40-50-60 t	4	10/20kg.
TS-2	3X10	40-50-60 t	6	10/20kg.
TS-2	3X12	40-50-60 t	6	10/20kg.
TS-2	3X14	60-80 t	8	20kg-50kg.
TS-2	3X16	60-80-100 t	8	20kg-50kg.
TS-2	3X18	60-80-100 t	8	20kg-50kg.
TS-2	3X20	60-80-100 t	10	20kg-50kg.
TS-2	3X22	60-80-100 t	10	20kg-50kg.

W3 Weighing Indicator

Weighing Terminal and Software

WTL Compression Type Load Cell

WEIGHBRIDGE STEEL PLATFORM

TS3 Simplon pit type truck scale has a complete steel platform. It is a scale model that does not take up space on the floor, especially at factory entrances, mounted under the floor, increases the maneuverability of vehicles in narrow spaces, and can operate smoothly for many years under harsh and heavy service conditions. IPE type steel is used on the platform, the top coating sheet is at least 10 mm thick. TS3 Pit Truck Scale is suitable for heavy-duty conditions such as mining, agriculture, animal husbandry, construction, steel industry.

WEIGHING TERMINAL

The W3 weighing indicator that we use in TS3 Simplon pit type truck scale is a robust and reliable weighing indicator with high precision 24 bit sigma delta ADC, stable weighing features with antivibration filtering software. Legally more accurate weighing with two-stage weighing feature. 1/30000 ADC cycle accuracy, 26 mm high backlit LCD display.

SCALE PROGRAM

WEILO Windows based scale program is very easy to use. It is simple enough to be used by anyone who knows how to use a computer and has a powerful database with data sending and reporting functions in xml, excel, pdf, html, txt formats. It provides remote monitoring with the optional web-based database. Light management and license plate reading systems can be easily integrated.

LOAD CELLS

Compression type is OIML R60 C4 certified with 30 tons capacity. Highly resistant to adverse environmental conditions and corrosion with its stainless steel body and IP68 protection. With the mounting kits offered as standard, it provides protection from lateral loads and prevents inaccurate weighing. WEILO WTL model digital load cells are also available as an option.

MODEL	DIMENSIONS (m.)	CAPACITY TON	LOAD CELL	DIVISION (kg)
TS-3	3X6	40 t	4	10/20kg.
TS-3	3X8	40-50-60 t	4	10/20kg.
TS-3	3X10	40-50-60 t	6	10/20kg.
TS-3	3X12	40-50-60 t	6	10/20kg.
TS-3	3X14	60-80 t	6	20kg-50kg.
TS-3	3X16	60-80-100 t	8	20kg-50kg.
TS-3	3X18	60-80-100 t	8	20kg-50kg.
TS-3	3X20	60-80-100 t	10	20kg-50kg.
TS-3	3X22	60-80-100 t	10	20kg-50kg.

EXPLANATION

Portable Axle Scales are manufactured from light alloy aluminum material for weighing axle weights of vehicles such as trucks, tractors, airplanes, trains, etc. It is easily portable. It has a compact structure with load cells specially produced for axle scales. Thanks to the built-in rubber ramps, vehicles can easily climb on the scale, the height is only 38 mm. Platform dimensions are standard 500x700x38 mm. There are wired and wireless indicator options. Provides excellent accuracy with 1/3000 division accuracy. Weighing indicator with special case is easily connected to axle scales wirelessly and shows the weights of the axles weighed separately and the total weight on the screen. Thermal printer prints the weights of the weighed axles, total weight, date and time. It can be easily transported to the desired location with the carrying handle, it is lightweight.

APPLICATIONS

Weight control for trucks, lorries and other road and air vehicles.

TECHNICAL SPECIFICATIONS	
MODEL	AKS
CAPACITY	2x5 - 2x10 - 2x20 TON
DIVISION	5 - 10 KG
DIMENSIONS	700x500x38
PLATFORM MATERIAL	Aluminium
RAMP MATERIAL	Rubber
PROTECTION CLASS	IP66
OPERATING TEMPERATURE	-10cº - 40Cº
APPROXIMATE WEIGHT	32 KG
WIRELESS FREKANS	430 / 470 MHZ
COMMUNUCATION DISTANCE	60 Meter
A/D CONVERTER	Σ-Δ 24bit
FEEDING POWER	7.4V / 5Ah / 8.4V / 1A charger
BATTERY USAGE TİME	50 Hours
DISPLAY	240*128 Dot, 6 Digit
WEIGHING BR	Kg, Ton, Lb, kN
PRINTER	50mm Receipt Printer
DIMENTIONS	280x250x100mm

W3 Weighing Indicator

EXPLANATION

BS Electronic scale is a robust and reliable single load cell fully electronic scale suitable for industrial and commercial use. It is European type approval certified, commercially approved CE certified.

APPLICATIONS

Production	Quality Control
Storage	Commercial Weighing Applications
Cargo / Transportation	

TECHNICAL SPECIFICATIONS

- Two-stage weighing
- Double chassis platform with single load cell,
- Electrostatic oven painted,
- Resistant to overload,
- LCD and LED indicator options,
- Suitable for industrial weighing applications,
- High precision 24-bit Delta-Sigma
- Analog/Digital converter,
- Power-on zero tracking, manual reset

- Built-in rechargeable battery and 220V AC operation
- Kg/Lb/Lt unit change and piece counting,
- Manual taring, automatic taring and taring,
- Check weighing HI-OK-LO Buzzer
- RS 232 communication, plug and label output,
- PC connection
- Widespread service network, 2 year warranty
- Possibility of production in desired sizes and capacities

TECHNICAL SPECIFICATIONS	DIMENSIONS (cm)	CAPACITY
BS	35X40 , 40X50	30/60 kg x 10/20 g
BS	35X40 , 40X50 , 50X60	60/150 kg x 20/50 g
BS	50X60 , 60X80 , 70X80	150/300 kg x 50/100 g
BS	60X80 , 70X80 , 80X90	300/600 kg x 100/200 g
BS	90X110 , 120X120	600/1000 kg x 200/500 g
BS	90X110 , 120X120	600/1500 kg x 200/500 g

W3 Weighing Indicator

EXPLANATION

U type platform scales are designed for easy weighing of pallets transported by forklift and pallet truck. U type robust steel platform scale uses 4 OIML R60 certified C4 class load cells. It has a lightweight structure that can be easily transported with 2 wheels on the front of the scale and a carrying handle on the other side. There are also complete stainless steel versions of the U scale, which is produced with eloctrostatic paint as standard. European type approval certificate, commercially approved
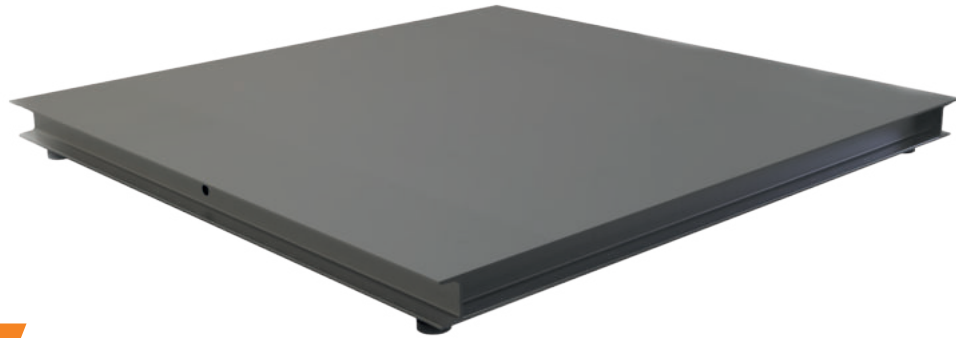
APPLICATIONS

Production / Warehousing / Storage / Shipping / Transportation / Quality control / Commercial Weighing Applications

TECHNICAL SPECIFICATIONS

- Two-stage weighing,
- U-frame platform with 4 load cells,
- Electrostatic oven painted (Stainless AISI304),Resistant to overload,
- LCD and LED indicator options,
- Suitable for industrial weighing applications,
- High precision 24-bit Delta-Sigma
- Analog/Digital converter,
- Automatic power protection and automatic shutdown,

- RS 232 communication, plug and label output,
- Power-on zero tracking, manual reset
- Built-in rechargeable battery and 220V AC operation
- Kg/Lb/Lt unit change and piece counting,
- Manual tare entry, automatic tare and tare takeoff, - Checkweighing HI-OK-LO Buzzer
- PC connection,
- Widespread service network, 2 year warranty,
- Possibility of production in desired sizes and capacities

MODEL	DIMENSIONS (mm)	CAPACITY
U+4LC	1250x920,100	300/600 kg x 0.1/0.2 Kg
U+4LC	1250x920,100	600/1500 kg x 0.2/0.5 Kg
U+4LC	1250x920,100	1500/3000 kg x 0.5/1 Kg

W3 Weighing Indicator

EXPLANATION

TP platform type floor scale is an industrial and commercial scale designed to operate in heavy industrial conditions and equipped with a solid steel platform and 4 IP68 protected OIML R60 certified C4 class load cells. With a height of approximately 10cm from the ground, ramps can be built on both sides of the scale and pallet truck-like trolleys can be removed. It is European type approval certified, commercially approved CE certified.

APPLICATIONS

Production / Warehousing / Storage / Shipping / Transportation / Quality control / Commercial Weighing Applications

TECHNICAL SPECIFICATIONS

- Two-stage weighing,
- Single chassis platform with 4 load cells
- Electrostatic oven painted,
- Resistant to overload,
- LCD and LED indicator options,
- Suitable for industrial weighing applications,
- High precision 24-bit Delta-Sigma
- Analog/Digital converter,
- 2 year warranty,
- Automatic power protection and automatic shutdown

- Power-on zero tracking, manual reset,
- Built-in rechargeable battery and 220V AC operation,
- Kg/Lb/Lt unit change and piece counting,
- Manual tare entry, automatic tare and tare take-off, - Checkweighing HI-OK-LO Buzzer,
- RS 232 communication, plug and label output,
- Extensive service network and PC connectivity,
- Possibility of production in desired sizes and capacities,

MODEL	DIMENSIONS (cm)	CAPACITY
TP+4LC	100x100 , 120x120	300/600 kg x 0.1/0.2 Kg
TP+4LC	100x100 , 120x120 , 120x150	600/1000 kg x 0.2/0.5 Kg
TP+4LC	120x120 , 120x150 , 150x150	600/1500 kg x 0.2/0.5 Kg
TP+4LC	120x120 , 120x150 , 150x150	1500/3000 kg x 0.5/1 Kg
TP+4LC	120x150 , 150x150 , 150x200 , 200x200	3000/6000 kg x 1/2 Kg
TP+4LC	150x150 , 150x200 , 200x200 , 200x300	16000/10000 kg x 2/5 Kg

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W3 Weighing Indicator

EXPLANATION

CP Platform Type Floor Scale is an industrial and commercial scale designed to operate in heavy industrial conditions, equipped with a double chassis robust steel platform and 4 IP68 protected OIML R60 certified C4 class load cells. It is European type approval certified, commercially approved CE certified.
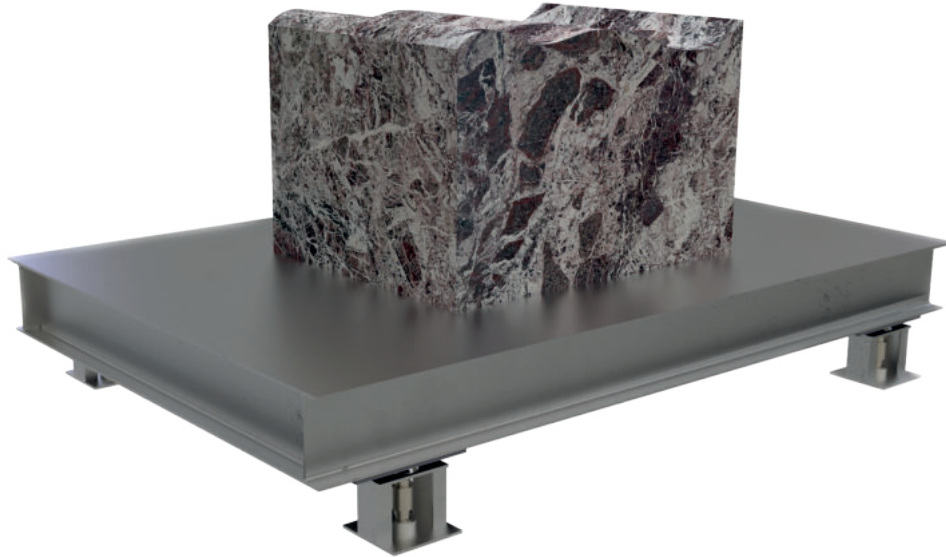
APPLICATIONS

Production / Warehousing / Storage / Shipping / Transportation / Quality control / Commercial Weighing Applications

TECHNICAL SPECIFICATIONS

- Two-stage weighing,
- Single chassis platform with 4 load cells,
- Electrostatic oven painted,
- Resistant to overload,
- LCD and LED indicator options,
- Suitable for industrial weighing applications,
- High precision 24-bit Delta-Sigma Analog/ Digital converter,
- Automatic power protection and automatic shutdown

- Power-on zero tracking, manual reset,
- Built-in rechargeable battery and 220V AC operation,
- Kg/Lb/Lt unit change and piece counting,
- Manual tare entry, automatic tare and tare take off,
- Checkweighing HI-OK-LO Buzzer,
- RS 232 communication, plug and label output,
- PC connection,
- Widespread service network, 2 year warranty,
- Possibility of production in desired sizes and capacities

TECNICAL SPESIFICATIONS	DIMENSIONS (cm)	CAPACITY
CP+4LC	100x100 , 120x120	300/600 kg x 0.1/0.2 Kg
CP+4LC	100x100 , 120x120 , 120x150	600/1000 kg x 0.2/0.5 Kg
CP+4LC	120x120 , 120x150 , 150x150	600/1500 kg x 0.2/0.5 Kg
CP+4LC	120x120 , 120x150 , 150x150	1500/3000 kg x 0.5/1 Kg
CP+4LC	120x150 , 150x150 , 150x200 , 200x200	3000/6000 kg x 1/2 Kg
CP+4LC	150x150 , 150x200 , 200x200 , 200x300	16000/10000 kg x 2/5 Kg

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W3 Weighing Indicator

EXPLANATION

Marble Scale is used for weighing marble blocks in mines. MK series scales can be produced in desired capacity and dimensions. As standard, a press type OIML R60 Certified WTL model domestic production steel load cell with a capacity of 30 tons each is used. Marble scales are designed without compromising on quality to provide years of trouble-free service under difficult conditions such as mines with its robust steel platform. European type approval and certification, commercially approved CE certified.

APPLICATIONS

Marble quarries / Quarries / Mining

TECHNICAL SPECIFICATIONS

- Domestic production suitable for industrial use,
- Single chassis steel platform,
- 4 high capacity pressure type steel load cells,
- Overload and impact resistant platform,
- Easy to read LED or LCD display,
- High precision 24-bit Delta-Sigma Analog Digital converter,
- Automatic power protection feature,
- Built-in rechargeable battery and use with 220V AC,
- Stacking feature,
- Automatic reset taring,
- RS 232 communication, plug and label output,
- PC connection,
- Widespread service network, 2 year warranty,
- Possibility of production in desired sizes and capacities,

MODEL	DIMENSIONS (cm)	CAPACITY
MK	200x300x50cm (l-w-h)	M30000 kg x 10 kg

W3 Weighing Indicator

Termal Barkod Printer G300

EXPLANATION

Blacksmith Scales are manufactured for iron and steel rolling mills, wholesale and retail iron, steel and sheet metal sales enterprises. In the production of blacksmith scales, 4 or 8 OIML R60 certified Turkish made load cells are used according to the size and capacity of the scale. The materials used in the scale are designed and manufactured to withstand at least 200% more than its capacity. European type approval certificate, commercially approved CE certified.

APPLICATIONS

Iron & Steel Rolling Mills / Flat Plate Rolling Mills / Iron & Steel and Sheet Metal Trading

TECHNICAL SPECIFICATIONS

- Two-stage weighing,
- Double chassis platform with 4 - 6 - 8 load cells,
- Industrial painted,
- Resistant to overload,
- Easy to read LED or LCD display,
- Suitable for industrial weighing applications,
- High precision 24-bit Delta-Sigma Analog Digital converter,
- Automatic power protection and automatic shutdown,
- Power-on zero tracking, manual reset,
- Built-in rechargeable battery and 220V AC operation,
- Kg/Lb unit change and piece counting, - Manual tare entry, automatic tare and tare taking,
- Check weighing HI-OK-LO Buzzer,
- RS 232 communication, receipt and label output,
- PC connection,
- Widespread service network, 2 year warranty,
- Possibility of production in desired dimensions capacities.

MODEL	DIMENSIONS (cm)	CAPACITY
DB	120×120 cm - 120×150 cm	1500 kg x 0.2 kg
DB	120×150 cm - 120×180 cm - 120×200 cm - 120×240 cm	3000 kg x 0.5 kg
DB	120×180 cm - 120×200 cm - 120×240 cm - 150×300 cm	3000 kg x 0.5 kg
DB	120×240 cm - 150×300 cm - 150×400 cm - 150×600 cm	10000 kg x 2 kg
DB	120×240 cm - 150×300 cm - 150×400 cm - 150×600 cm	15000 kg x 2 kg

EXPLANATION

Cattle scale provides great convenience in animal weighing with its low profile design that we have developed for animal weighing. The height from the ground is only 80 mm, there is no need to bury it in the ground or make an external ramp. Scale platform is electrostatic oven painted, suitable for farm conditions. Fully protected against water (IP68) load cells (loadcell) can operate for years without any problems under difficult conditions thanks to its corrosion-resistant structure. It can be produced in mobile structure with optional wheels.

APPLICATIONS

Livestock fattening farms / Veterinarians

TECHNICAL SPECIFICATIONS

- Screen stabilization feature (HOLD),
- Platform with 4 load cells,
- Electrostatic oven painted,
- Resistant to overload,
- Easy to read LED or LCD display,
- Suitable for industrial weighing applications,
- High precision 24-bit Delta-Sigma Analog/Digital converter,
- Automatic power protection and automatic shutdown,
- Power-on zero tracking, manual reset,
- Built-in rechargeable battery and 220V AC operation
- Kg/Lb unit replacement,
- Manual tare entry, automatic tare and tare take-off,
- Checkweighing HI-OK-LO Buzzer,
- RS 232 communication, plug and label output,
- PC connection,
- Widespread service network, 2 year warranty,
- Possibility of production in desired sizes and capacities

MODEL	DIMENSIONS (cm)	CAPACITY
BBH	100x200x180 cm	1500 Kg x 0.5 Kg
BBH	100x200x180 cm	2000 Kg x 1 Kg
BBH	100x200x180 cm	3000 Kg x 1 Kg

EXPLANATION

Ovine scales are produced for weighing sheep, goats etc. ovine animals. The scale is closed on both sides and has entrance and exit doors on both sides. Scale platform is electrostatic oven painted, suitable for farm conditions. It can be moved easily thanks to the wheels on both sides.

TECHNICAL SPECIFICATIONS

- Screen stabilization feature (HOLD),
- Platform with 1 or 4 load cells,
- Electrostatic oven painted,
- Resistant to overload,
- Easy to read LED or LCD display,
- Suitable for industrial weighing applications,
- High precision 24-bit Delta-Sigma Analog/Digital converter,
- Automatic power protection and automatic shutdown,
- Power-on zero tracking, manual reset,
- Built-in rechargeable battery, 220V AC operation,
- Kg/Lb unit replacement,
- Manual tare entry, automatic tare and tare takeoff,
- Checkweighing HI-OK-LO Buzzer,
- RS 232 communication, plug and label output,
- PC connection,
- Widespread service network, 2 year warranty,
- Possibility of production in desired and sizes capacities

MODEL	DIMENSIONS (cm)	CAPACITY
KBH	50x90 , 60x100 cm	300 /600 Kg x 0.1/0.2 Kg
KBH	50x90 , 60x100 cm	300 /600 Kg x 0.1/0.2 Kg

EXPLANATION

Crane Scales are electronic scales used for weighing products lifted by attaching to the hook of overhead cranes or mobile cranes. It is preferred in places where platform scales cannot be used such as narrow factory areas and warehouses. LoadCell, indicator and internal battery are integrated in a robust and durable aluminum body and are easy to carry.

APPLICATIONS

Overhead Cranes / Mobile Cranes / Lifting Equipment

TECHNICAL SPECIFICATIONS

- Easy to read from a distance with its 30mm high LED display,
- 40 hours of use with built-in rechargeable battery,
- With the external charging unit and backup battery, your work will not be left undone,
- Filtered ADC reading with advanced antivibration software,
- Load cell 200% safe from maximum weighing capacity,
- Ergonomic patented design,
- Weighing with hold and weight stabilization on the display,
- Reset, tare, turn off the scale with remote control,
- Widespread service network,
- 2-year warranty.

EXPLANATION

DMA Dynamometer is manufactured from special alloyed aluminum materials used in the aviation industry. It works in tensile direction and can be produced up to 500 tons capacity. The material surface is anodized to make it more resistant to harsh environmental conditions. There are wired, wireless and wireless models with built-in display for capacities over 12 tons. The wireless model can be controlled and operated from the hand indicator. It has features such as robust construction, 0.1% accuracy, alkaline battery or rechargeable battery. The units of measurement commonly used in the world are kilogram (kg), ton (t) pound (lb), newton (N), kilonewton (kN) with capacities from 1 ton to 500 tons.

APPLICATIONS

Strain tests / Tensile tests / Force tests / Mining / Transportation & Logistics / Shipyards Construction / Port Logistics

MODEL	CAPACITY	WEIGHT	A	B	C	D	E	F
DMA-3	3.25 Ton	1.5 Kg	228	160	75	20	24	44
DMA-5	5 Ton	2 Kg	250	176	84	26	32	44
DMA-12	12.5 Ton	3.5 Kg	300	192	108	40	50	E
DMA-25	25 Ton	8.5 Kg	350	206	144	52	65	E
DMA-35	35 Ton	11.5 Kg	386	232	168	58	75	E
DMA-50	50 Ton	19.0 Kg	450	248	202	71	90	E
DMA-75	75 Ton	32.0 Kg	480	236	244	84	110	E
DMA-120	120 Ton	52.0 Kg	550	290	270	97	141	E
DMA-150	150 Ton	72.0 Kg	620	320	290	110	161	E
DMA-200	200 Ton	105.0 Kg	730	370	340	133	170	E
DMA-250	250 Ton	145.0 Kg	790	390	390	143	189	E
DMA-300	300 Ton	175.0 Kg	860	410	430	153	189	E
DMA-350	400 Ton	270.0 Kg	1000	480	520	178	205	E
DMA-400	500Ton	360.0 Kg	1100	580	560	188	230	E

EXPLANATION

FM Force gauge works in tensile direction, allows easy monitoring of weight (force information with its built-in display, optionally it can be controlled and controlled from an external hand indicator with RF communication. FM Force gauges up to 5 tons capacity are manufactured from high quality alloy aluminum material used in the aerospace industry, the material surface is anodized to make it more resistant to harsh environmental conditions, and for capacities of 10 tons and above, dynamometers are manufactured using special alloy steels, the outer surface is nickel plated to protect against rust and corrosion, the screen is sealed with silicone gaskets used in the assembly and complies with IP65 protection standards.

APPLICATIONS

Strain tests / Tensile tests / Force tests / Mining / Transportation & Logistics / Shipyards Construction / Port Logistics

TECHNICAL SPECIFICATIONS

- All functions are visible on the LCD display,
- 25mm high weight display,
- 2 programmable set points for safety,
- 3 AA size alkaline batteries for long battery life,
- Internationally recognized units of measurement (kg, t, lb, N, kN)

- Calibration via wireless external indicator,
- Zero, Tare, Clear, Peak, Total, Fix,
- Change unit and close buttons
- 4 buttons On/Off on the internal indicator,
- Zero, peak and unit substitution,
- Low battery warning.

MODEL	CAPACITY	DIVISION	A	B	C	D	Q	H	MATERIAL
			(mm)						
FM-01	1t	0.5kg	245	95	48	190	43	335	Aluminium
FM-02	2t	1kg	245	95	48	190	43	335	Aluminium
FM-03	3t	1kg	245	95	48	190	51	365	Aluminium
FM-05	5t	2kg	285	101	48	210	58	405	Aluminium
FM-10	10t	5kg	320	114	48	230	92	535	Steel
FM-20	20t	10kg	420	125	70	260	127	660	Steel
FM-30	30t	10kg	420	138	80	280	146	740	Steel
FM-50	50t	20kg	465	150	100	305	184	930	Steel
FM-100	100t	50kg	570	190	142	366	229	1230	Steel

EXPLANATION

SPW Load Shackle Pins are specially produced for ship and harbor cranes. High strength alloy steels are used in the manufacture of SPW Load Shackle pins. Load Pin can also be manufactured from 17-4PH quality stainless steel upon request. SPW Load Shackle capacity range starts from 3 tons and goes up to 1000 tons. SPW Load Shackle can communicate with the wireless hand indicator up to a distance of 100 meters. The wireless hand indicator is specially designed for SPW. The units of measurement commonly used in the world are kilograms (kg), tons (t) pounds (lb), newtons (N) and kilonewtons (kN). There is a built-in rechargeable battery inside the indicator (Load Shackle) with a graphic 192*64 dot matrix LCD display that shows the weight information from 16 separate load pins separately and the total.

APPLICATIONS

Offshore mooring anchor adjustment / Can be used by attaching to crane hooks / Aircraft Manufacturing and Repair Rope Tension Monitoring / Weighing of heavy loads / Structural Load Testing and Certification / Manufacturing and Heavy Construction / Crane and Hoist Calibration and Proof Load Testing

CAPACITY	A	QA	C	QD	QE	QF	H	L	QN	WEIGHT	DIVISION
3	27	19	57	16	39	38	106	74.5	16	1	1
6	36.5	25	76	22.4	55	50	148	102	22.4	2	2
12	51.5	35	108	33	78	70	210	146	33	6	5
17	60	42	139	41	94	84	254	175	41	10	10
25	74	51	168	48	119	100	313	225	48	17	10
35	83	60	202	54	146	122	348	253	54	23	20
55	105	70	267	70	185	150	453	327	70	47	20
85	130	90	330	80	200	170	546	365	80	80	50
120	140	110	360	95	230	210	626	419	95	135	100
150	150	125	380	108	260	240	653	468	108	165	100

ID226 WEIGHING INDICATOR

ID226 Weighing Indicators is a professional weighing indicator with high precision and fast stabilization feature that can be used in areas such as truck and truck scales, platform scales. It can be used in wet environments with its stainless steel box and IP66 protection class.

Application environments: Platform scales, Truck scales, Piece counter scales, Over, Under, Arrow classification, Livestock scales

W42SS WEIGHING INDICATOR

W42SS is an industrial weighing indicator with stainless steel case and OIML R76 and European type approval certificates. Suitable for use in many areas such as vehicle scales, platform scales, tank weighing systems and test equipment. High precision A/D conversion 1/30000: Adjustable zero tracking interval, power-on zeroing, automatic zeroing interval, low battery indication and charge protection, live animal weighing capability, overlap RS232 communication.

Application environments: Platform scales, Vehicle scales, Livestock scales, Simple weighing applications

i7 WEIGHING INDICATOR

i7 Weighing indicator is a premium quality weighing indicator with high speed and precision AD converter. The i7 weighing indicator with its wide range of applications is suitable for use in many areas such as vehicle scales, platform scales, tank weighing and test equipment. Having OIML R76 and European type approval certificates, i7 allows more precise weighing with its two-stage weighing feature. LED illuminated, wide angle 50mm high LCD display with LED backlight, flexible design, desktop and wall mountable. It features Kg-Lt-Lb conversion and piece counting etc.

Application environments: Truck Scales, Scales, Tank and silo weighing, Livestock weighing

i5 WEIGHING INDICATOR

i5 Weighing Indicator is a high quality weighing indicator with high speed and precision AD inverter. The i5 weighing indicator with its wide range of applications is suitable for use in many areas such as vehicle scales, platform scales, tank weighing and test equipment. Having OIML R76 and European type approval certificates, i5 allows more precise weighing with its two-stage weighing feature. LED illuminated, wide angle 50mm high LCD display, flexible mounting design, desktop and wall mountable. It features Kg-LtLb conversion and piece counting etc.

Application environments: Truck Scales, Scales, Tank and silo weighing, Livestock weighing

W1 WEIGHING INDICATOR

The W1 Weighing indicator is suitable for use in many areas such as vehicle scales, platform scales, tank weighing systems and test equipment. It has OIML R76 and European type approval certificate. High precision A/D conversion 1/30000; Adjustable zero tracking range, power-on zeroing, automatic zeroing range.

Application environments: Platform scales, Vehicle scales, Livestock scales, Simple weighing applications

W2 WEIGHING INDICATOR

The W2 Weighing and Counting Indicator is a premium quality weighing indicator with a high speed and precision AD inverter. The W2 weighing indicator is suitable for a wide range of applications such as vehicle scales, platform scales, tank weighing and testing equipment. Having OIML R76 and European type approval certificates, W2 allows more precise weighing with its two-stage weighing feature. LED illuminated, wide-angle 40mm high LCD display, flexible mounting design, desktop and wall mountable. It features Kg-Lt-Lb conversion and piece counting etc.

Application environments: Platform scales, Vehicle scales, Livestock scales, Simple weighing applications

W3 WEIGHING INDICATOR

The W3 Weighing Indicator is a premium quality weighing indicator with high speed and precision AD converter. With its wide range of applications, the W3 weighing indicator is suitable for use in many areas such as vehicle scales, platform scales, tank weighing and test equipment. Having OIML R76 and European type approval certificates, W3 enables more precise weighing with its two-stage weighing feature. The LED illuminated, wide angle 40mm high LCD display with flexible mounting design can be desktop and wall mounted. It features Kg-Lt-Lb conversion and piece counting etc.

Application environments: Industrial counting and weighing applications.

WD42 DIGITAL WEIGHING INDICATOR

WD42 Digital Weighing Indicator has CE, OIML R76 and EU type approval certificates. It is suitable for industrial use with its stainless steel case and membrane type switch button keypad. With its software developed for truck and truck scales, it does not require external computer and scale program. Supports up to 16 WEILO brand digital load cells. It allows automatic and manual corner adjustment. It continuously checks the digital Load Cells to which it is connected and gives a warning in case of error. Thus, it prevents possible weighing errors. It can be connected to computers and external large screens with RS232 communication module. It can be connected to printers with parallel side port. 1000 group fixed narrow vehicle registration, 1500 group registration of vehicles with finished weighing process.

Application environments: Truck Scales, Scales, Tank and silo weighing applications

WD30 DIGITAL WEIGHING INDICATOR

The WD30 Digital weighing indicator is a new generation digital weighing indicator with stainless steel casing, configured for high performance operation. Up to 4 WEILO branded digital load cells can be connected. It collects the weighings made, provides flexible use by connecting to external large screens, computers and peripherals such as printers, as well as features such as changing the weight unit during use. It can work in different systems such as platform scales, truck scales, livestock scales, tank weighing. Automatic and manual corner adjustment eliminates the need for classic trimpot totalization cards.

Application environments: Scales, Tank and silo weighing applications

GTI WEIGHING INDICATOR

GTI Weighing Indicator is a weighing indicator designed for use in tanks, silos and scales with a high precision AD inverter. Calibration (CallFree) coefficient can be adjusted without reference weight.

- Kg and Liter conversion mode,
- Livestock weighing hold mode,
- Break test with peak hold feature,
- Automatic shutdown and sleep mode for long-term battery operation,
- Rechargeable internal battery,
- Connection to external display, printer or computer via RS232 communication.

Application environments: Scales and scales, Tank and silo weighing, Live animal weighing, Tensile rupture testing machines

FW-SS WEIGHING INDICATOR

FW-SS IP-68 class stainless steel prescription weighing indicator used in animal husbandry designed for feed mixing and distribution wagons has a 38mm high 5 digit LED and 2x16 character LCD display with extremely easy operation and you can prepare the prescription you want and increase the milk yield of your animals. Fully water resistant stainless steel case and socket structure. 20 recipes can be prepared. 20 different product names can be entered. 20 different areas can be unloaded. The amount of feed to be prepared per animal can be seen. The number of animals can be changed before starting to fill, the screen can be locked during feed mixing and when the trailer is moving with the Block button. It has the ability to work in different languages (Turkish, English, German, French, Spanish, Russian, Arabic). Calibration can be done without reference weight. (LoadCell mV/V) It is not affected by the vibrations of the machine with its dynamic filtering feature. It can make serial communication with RS232.

Application environments: Feed mixing and distribution wagons, Mobile concrete mixers

W680 WIRELESS WEIGHING INDICATOR

W680 Wireless weighing indicator is a wireless weighing indicator especially designed for portable axle scales. It can communicate up to 100 meters in open space. Built-in thermal printer prints the incoming weight and total weight on each axle. It works for a long time with 7.4V 2500mA rechargeable lithium battery. 8 load cells (350 Ohm) can be connected to the AWT Wireless transmitter module it works with. The 240 x 128 dot matrix backlit LCD display can be read day and night. It has standard RS232 and USB communication units. It can be easily carried anywhere you want with its case made of ABS plastic. Battery monitoring, digital calibration, date and time recording and printing.

Application environments: Crane Scales, Dynamometers, Portable axle scales

THERMAL BARCODE PRINTER G300

203 DPI Print Resolution Direct Thermal / Thermal Transfer Printing
Max. 108 mm Print Width
Max. 1727 mm Print Length
Max. 102 mm / Second Print Speed
16 MB DRAM, 8 MB Flash Memory
Serial Port and USB connection
EZPL, GEPL and GZPL Barcode Scripting Language
Support Windows, Mac and Linux Driver Support

LOAD CELL CABLE

High quality load cell cable is recommended for weighing applications. 4 and 6 wire cables in different cross sections are always in stock.
In addition to standard cables for industrial weighing systems, Exproof and Armored Load Cell cables extend the life of weighing systems.

BSI-W WIRELESS WEIGHING INDICATOR

BSI-W Wireless Weighing Indicator is a fully steel cased weighing indicator that can be used especially for weighing on cranes, platform scales and similar industrial applications with its large LED display and wireless communication features. With its remote control, zeroing, taring and other parametric operations can be done remotely from a distance of 5 meters without coming near the indicator. BSI-W indicator, which can communicate wirelessly up to 100 meters with devices such as W280 and W185 model handheld indicators, ATP computer connection module, operates smoothly in the frequency range of 430MHZ~470MHZ. Supports 8 (350 Ohm) load cell connections. Offers 3 different alternatives with 75mm, 125mm and 200mm height LE digits.

MHG EXTERNAL DISPLAY

MHG Series external indicators are used where wired or wireless communication with standard weighing indicators is required to remotely monitor the weight information on the indicators' displays. LED displays are available in different sizes and suitable for any location.

Application environments: Industrial weighing applications

ATP WIRELESS | RECEIVER / TRANSMITTER

ATP Wireless computer module communicates with W180, W185, W280, W680 and BSI-W wireless handheld terminals and transfers weight information to the computer. In open areas, communication can be made up to a distance of approximately 100 meters depending on the environmental conditions. Comes with computer program.

HG EXTERNAL INDICATOR

HG Series external indicators are used where wired or wireless communication with standard weighing indicators is required for remote monitoring of weight information on the indicator displays. They are suitable for indoor and outdoor applications and have LED displays in different sizes. Application environments: Industrial weighing applications

Application environments: Industrial weighing applications
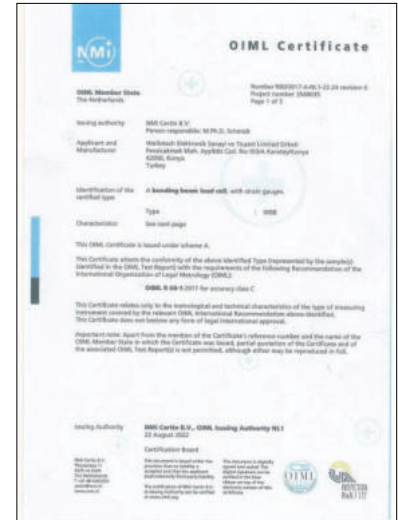
THERMAL RECEIPT PRINTER DP101

With the thermal printer, company name, product name, product code number, part number, total information can be seen on the illuminated LCD, which can display 2×16 characters on a 57 mm wide receipt and can be printed out from the printer. Company name, product name, product code, receipt number and barcode information can be printed on the receipt together with weight information. A report can be printed on the receipt printout by summing the weights and part numbers according to the products. Weight information from the weighing device can be displayed on the printer display.
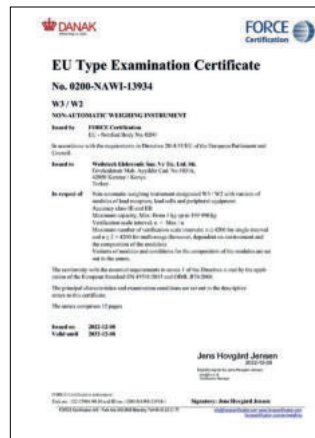
ISO:9001

WTL OIML Certificate

WBB OIML Certificate

ISO:14001 Enviroment
Management

CE Documents

W2 - W3 OIML Certificate

Modül D Documents

EAC Declaration
Weighing Indicator

EAC Declaration
Truck Scale

EAC Declaration
Electronic Scale

Quality Certificates

CE MARKING

It is not a quality symbol, but a sign that means that the product to which it is affixed meets all the requirements of the relevant regulation and emerged in order to ensure the free movement of goods between the member states of the European Union. The "CE" conformity mark consists of the initials Conformité Européenne, which has the shape on the side. The CE Marking is the marking that is related to the products within the scope of the New Approach adopted by the EU in 1985 to ensure harmonization of technical legislation and indicates that the products comply with the basic requirements of the relevant directives of the EU and have undergone the necessary procedures.

ISO 9001 (COMPANY PRODUCTION QUALITY CERTIFICATE)

ISO contributes to the world industry, trade, manufacturers, consumers and other interested parties by establishing and developing standards. Different standards developed for similar technologies in different countries or regions are sometimes used as a "technical barrier to trade". The most important function of ISO today is to eliminate such technical barriers to trade by preparing internationally accepted standards such as ISO 9000 quality management standards and other product standards. The ISO 9001 standard is also a quality management system standard created and developed by ISO. Organizations apply an internationally accepted quality management system by taking these standard conditions as reference in their activities. It gives an assurance to its customers that the continuity of the product and service quality of the organization can be ensured with a management approach that is managed and managed in accordance with the standard conditions of its products or services
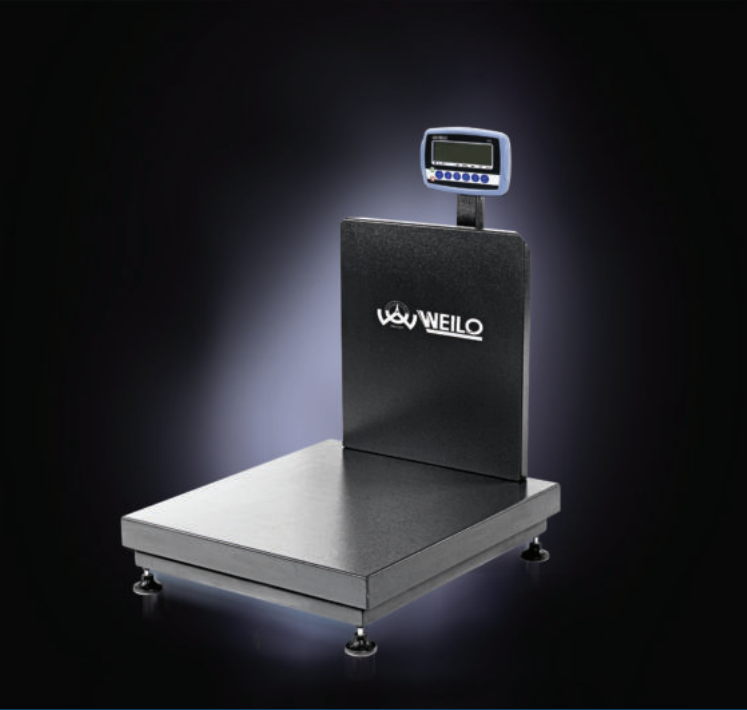
OIML MARKING

OIML stands for the International Organization for Legal Metrology (Organisation Internationale de Métrologie Legale). Founded in 1955, this organization was established between governments. The main purpose of the organization is to promote global harmonization of legal metrology procedures that support and facilitate international trade. OIML certification means that it has been tested according to OIML regulations and meets the requirements of the regulations. WEILO has 2 certification applications within our organization. OIML RO60 METROLOGICAL REGULATION FOR LOAD CELLS OIML RO76 NON-AUTOMATIC WEIGHING INSTRUMENTS (INDICAOR)

NON-AUTOMATIC WEIGHING INSTRUMENTS QUALITY SYSTEM CERTIFICATION 2014/31/EU(NAWI)

Directive 2014/3V / EU of the European Parliament and of the Council on the harmonization of the laws of the Member States on the placing of non-automatic weighing instruments on the market entered into force on April 20, 2016, replacing Directive 2009/23/EC. WEILO branded class III Non-Automatic Weighing Instruments produced in WEILOTECH ELECTRONICS INDUSTRY AND TRADE LIMITED COMPANY have been audited and certified according to the requirements of 2014/31/EU Non-Automatic Weighing Instruments Regulation / Production Quality Assurance-Module D. TSE has certified that the quality system implemented in the production process meets and complies with all the requirements of the relevant directive.