



scales

Platform Weighing Scales

Electronic dynamometers/Crane scales

Crane weighing hook blocks

Crane electronic and mechanic load limiters

Pallet truck scales

DK

**DINAKSA**

Solutions for industrial weighing needs

Truck weighing bridge scale

Precision scale

Load cells

Magnets and Electro-magnets

Calibration/ services



[www.dinaksa.com](http://www.dinaksa.com)

## ELECTRONIC DYNAMOMETERS CRANE SCALES

Weighing systems especially designed for overhead travelling cranes, arm cranes, crane vehicle, tower crane, elevators, etc. Our products have dimensions and weights which offer a great versatility or use modes. High precision in weighing processes due to advanced electronic systems, with great reliability, repeatability and stability rates.



### MOD. MINI-DIN

Capacity: From 200 Kg. up to 10.000 Kg.

Small dimensions. Easy use and transportation.

Display with 25 mm digits in LCD or red leds (to increase visibility)

Body made in painted steel.

Recommended for industrial uses.

Multiple options



### MOD. MICRO-DIN

Capacity: From 50 Kg. up to 1.000 Kg.

Extremely small dimensions. Very easy use and transportation.

Display with 15mm digits in red leds.

Body made in Stainless Steel.

Recommended for industry, farming/agriculture or food industry

Multiple options



### MOD. EXCEL-25

Capacity: From 200 Kg. up to 12.000 Kg.

Small dimensions. Easy use and transportation.

Display with 25 mm digits in LCD or red leds (to increase visibility)

Body in stainless steel

Recommended for intensive use in industry

Multiple options

### MOD. EXCEL-45

Capacity: From 1.000 Kg up to 25.000 Kg.

Very easy to use

Reinforced display con 45mm digits in high resolution red leds

Body in stainless steel

Recommended for intensive, aggressive environments

Multiple options



### MOD. EXCEL-25 –PRINTER INTEGRATED

Same weighing characteristics as model EXCEL-25.

Electronic integrated system connected to an integrated printer.

It includes special software for weight adding and totalizing.

Body in painted steel (printer protected)

Infrared/Radio control device.



### MOD. MACRO-DIN

Capacity: From 2.000 Kg up to 500 Tons.

Display with 60 mm digits in high resolution red leds.

Body in painted steel

Recommended for heavy use and hard conditions.

Multiple options.



## WEIGHING HOOK BLOCKS

### CRANE INTEGRATED WEIGHING SYSTEMS



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## WEIGHING HOOK BLOCKS /MOTORIZED ROTATING WEIGHING HOOK BLOCKS

DINAKSA hook blocks integrate special weighing systems on the proper crane hook. Through its high quality load cells and electronic components, our products offer high precision levels and weighing speed, without any height losses.

The client can use them in cranes with 1,2,3,4 or more pulleys. It also includes electronic weight displays from 25mm up to 120mm height digits on demand.

There are multiple options to consider: data transmission kit via radio, infrared, Wifi, Profibus, or similar, tailor-made, special dimensions, protection for high temperatures (foundries),...

1.- TR-DIN 2R 1 Pulley

2.- TR-DIN 8R 4 Pulleys

3.- TR-DIN 6R 3 Pulleys via radio

4.- TR-DIN 4R 2 Pulleys

## CRANE INTEGRATED WEIGHING SYSTEMS

DINAKSA systems for cranes include electronic components positioned in the crane hoist or nearby.

There are many types of load cells. The most common systems are composed of bolt type load cells integrated on the axes of the compensation pulleys, the fixed point cells, and those cells integrated in a dual rackmount with four cells.

The electronic components are integrated in the displays with different sizes, and multiple options, as described hereby.

1.- Bolt type load cells

2.- Cells in dual rackmount



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# ELECTRONIC DISPLAYS LOAD LIMITERS VIA RADIO KIT

## ELECTRONIC DISPLAYS

DINAKSA displays are very useful in any kind of weighing systems you can require. From platform scales to dynamic weighing devices in travelling cranes, pallet truck scales, lifters, etc.

The offer is very wide with different kind of height/size of digits (from 25 mm up to 250 mm), and with LCD or red LED technology to improve the visibility in any environment.

Our displays can also integrate RS-232 output to pc, RS-485, 4-20mA, 0-10 v.or load limiters if needed.

- 1.- Vix-SG 200 mm digits
- 2.- Vix-G 120 mm digits
- 3.- Vix-P + Printer
- 4.- Remote control with display

## LOAD LIMITERS

DINAKSA load limiters are specially designed devices to prevent and avoid crane overloads.

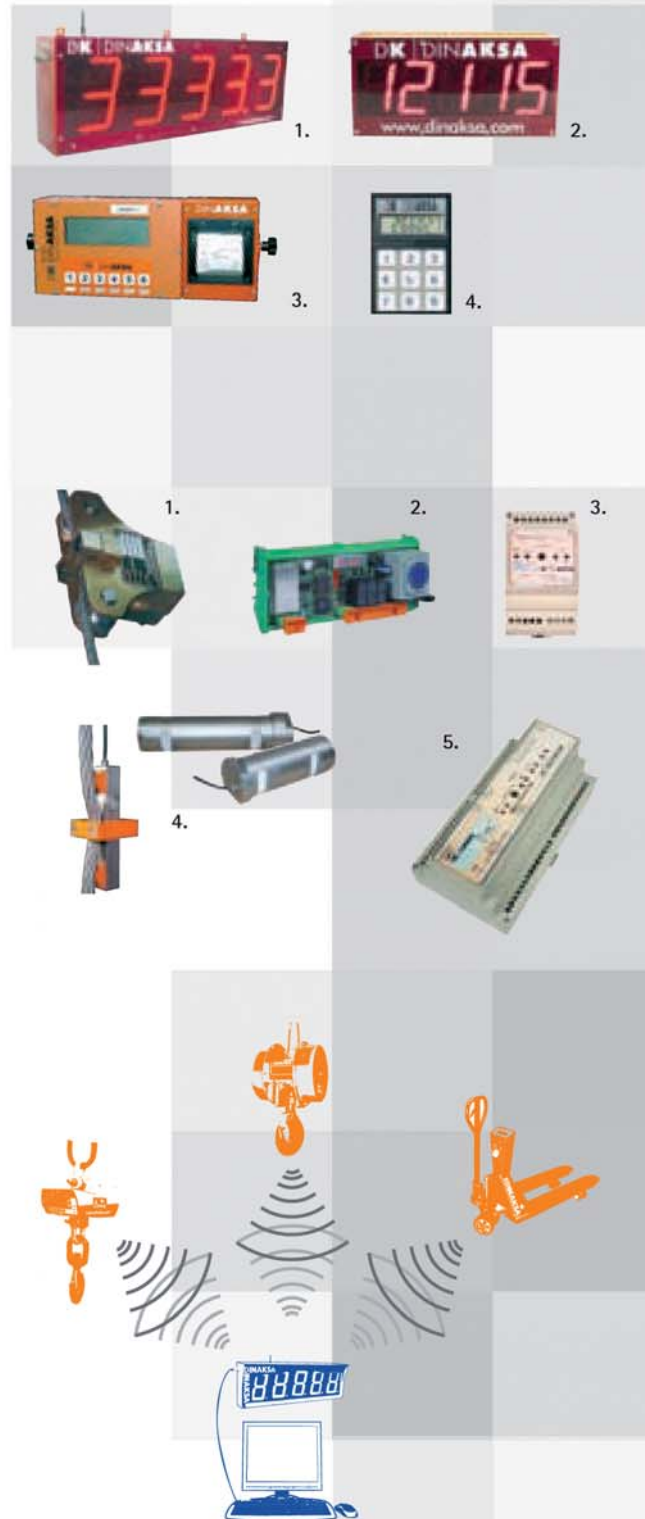
Load limiters allow maintenance cost savings by preventing cable breaks, wheel wear, or similar.

Its use is enforced by law in the European Community and worldwide.

- 1.- Mechanical Load limiter
- 2.- Lim E-600 Electronic load limiter
- 3.- Lim E-400 Electronic load limiter
- 4.- Load cells used with an electronic load limiter
- 5.- Black Box System (Integrated Control device for registering all the crane operations, movements and overloads)

## VIA RADIO KIT

System that allows our customers the transmission of data (weights, time, ..) from any kind of scale, scale, weighing hook block, pallet truck..to a receiver display without any cable or wire.



## PALLET TRUCK SCALES



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### MOD. ENERGIE

Electronic weighing system integrated in a pallet truck.

Easy to use, strong and resistant devices that allows you to work in any environment. DINAKSA pallet truck scales give a great mobility, and time savings, by avoiding the load transportation to a platform scale.

DINAKSA offers you many options and also tailor-made weighing pallet trucks if required.

- 1.- Energie
- 2.- Energie Stainless Steel
- 3.- Energie Galvanized Steel
- 4.-Energie with extralong/short nails
- 5.- Energie with piece counting scale integrated

## WEIGHING SYSTEMS FOR ELECTRIC PALLET FOR FORKLIFTS FOR BULLDOZERS



### WEIGHING SYSTEMS FOR ELECTRIC PALLET TRUCKS OR STACKERS

DINAKSA integrates specially designed weighing systems to any type/model or brand of electric pallet trucks or electric stackers in the market. This kind of systems are very hard and accurate, and increases productivity of the machine at high level.

Our systems offer multiple options to be integrated on-demand.



### WEIGHING SYSTEMS FOR FORKLIFTS

DINAKSA integrates specially designed weighing systems to any type/model or brand of forklifts in the market. This kind of systems are very hard and accurate, and increases productivity of the machine at high level.

Nowadays we offer two solutions: 1) system installed in the mast, 2) system installed in the hydraulic system. Both give your company valid and accurate results.

1.- Maxtor II – weighing system for mast

2.- Maxtor Leader – weighing system for hydraulic system



### WEIGHING SYSTEMS FOR BULLDOZERS

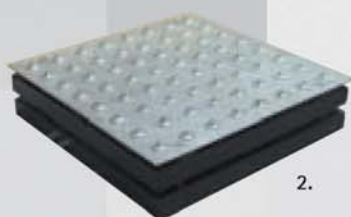
DINAKSA Weighing Systems integrated in any type/model/brand of bulldozers in the market. Our devices are installed in the hydraulic system of the machine. This kind of systems are very endurable and accurate, and increases productivity of the machine at high level.



## SCALES FOR THE INDUSTRY



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### MONOCELL SCALES

This kind of electronic scales is composed of a stainless steel platform, and rigid structure. The device brings regulable feet and kneecap for leveling itself. It also brings one Ni-Cr load cell under the weighing plate. DINAKSA offers a great variety of scales in dimensions, capacities, or precision levels to match customer needs.

1.- BM-DIN

2.- Picking special scale

### HYBRID SCALES

Electro mechanic scale to be mounted on surface or floor embedded.

These scales are composed of a mechanic transmission system with effort reductions levers, and with a unique load cell. All the components are thermally tempered and offer a great level of resistance.

There are multiple options attending to dimensions, capacities, the place to be located, precisions and other required factors.

### FOUR-CELLS SCALES

Monoblock 4-cells structure with a rigid basis to be place on surface or floor embedded.

These scales resist big loads in volume and weight, and bring a sums box.

DINAKSA offer different possibilities on demand like ramps for easy access, reduced height, and weight electronic displays.



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## PALLET SCALES

DINAKSA pallet scales are composed of a U-type steel structure, with four load cells and an electronic display connected via cable, wifi or radio.

Normal dimensions are the standard europalet ones (1200x800mm). Tailor-made pallet scales can be manufactured on demand.

This device is very easy to stock and transport from place to another, due to integrated small wheels and handle.

There are many options to be considered (materials, capacities, functions,...)



## COMMERCIAL SCALES

DINAKSA offers a great range of commercial scales to satisfy any customer's demand.

LAB scales, Piece counter scales or precision scales are examples of the wide variety and options we cover.

- 1.- LAB scale
- 2.- Precision scale
- 3.- Piece counter scale
- 4.- Industrial scale



## LOAD CELLS

DINAKSA designs and manufactures a great variety of load cells with high level functionalities. Load cells allow us to develop, adapt and integrate any weighing system to practically any equipment. For example silos, hoppers, loading belts, rolling load transport systems, trucks, tanks, railways, and others.

Furthermore DINAKSA can develop tailor-made load cells for special cases.



## BRIDGE SCALE

## TRUCK WHEEL/AXIS SCALES

## WEIGHING SYSTEMS FOR SILOS, HOPPER

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## BRIDGE SCALE

DINAKSA offers a vast range of bridge scales for any industry. Different Model satisfy any situation or need you can find: size of the platform, vehicles, steel/iron or concrete structure, over floor or floor embedded, capacities, or range/intensity of use, for example.

The standard length goes from 6 m. up to 20 m. However we can manufacture tailor-made structures on demand.

Our bridge scales are modern devices that due to their main features, offer a great resistance, perfect adjust, precision and strength.

1.- Over floor bridge scale

2.- Floor embedded bridge scale

## TRUCK WHEEL/AXIS SCALES

A device composed of a low level platform – axis or wheel sized – and connected to a electronic display.

Wheel/Axis scales are normally used to weight vehicles (trucks, cars, forklifts, ..even planes) in a simple and easy way, with great mobility, and high resistance. One can find many different sizes and capacities to adapt the device to your requirements.

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## WEIGHING SYSTEMS FOR SILOS, HOPPERS AND OTHER TRANSPORT WAREHOUSE EQUIPEMENTS

In DINAKSA we make available all the technology, expertise, and advisory capacity in the development of all types of weighing systems your company could need.

Experience applied for weighing of tanks, silos, machinery and any other load roller system for example.

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## MAGNETS

## LIFTING BEAMS AND C-HOOKS

## TECHNICAL ASSISTANCE AND CALIBRATIONS

### MAGNETS

Magnets are useful for perfect handling of iron materials. One can use magnets in a totally secure and fast way. The great variety of properties and characteristics allows any company to lift multiple iron loads without any mooring point.

- 1.- Permanent magnet for plain materials Mod. PML
- 2.- Circular magnet: for plain materials
- 3.- Autonomous electromagnet with battery: for plain materials
- 4.- Permanent magnet Mod. PMLR for round materials.

### LIFTING BEAMS AND C-HOOKS

DINAKSA offers load lifting systems for any type of cranes. Built in iron and steel these products can adopt different forms or formats and they are tailor-made in most cases. All of them are manufactured following quality rules, standards, and laws.

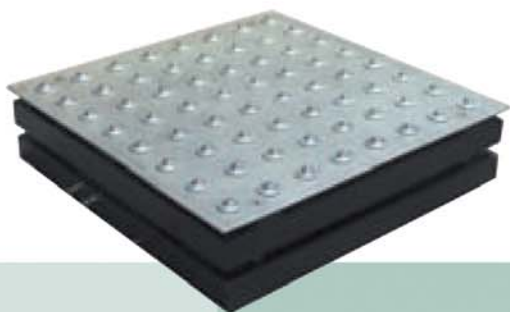
Lifting beams, Electromagnet beams, motorized rotating hook blocks, coil tongs, are the main products DINAKSA develops in this area, through its engineering team.

- 1.- Hoist
- 2.- C-Hook
- 3.- Lifting Beam

### TECHNICAL ASSISTANCE AND CALIBRATIONS

As manufacturer, DINAKSA offer a highly qualified technical service to solve any problem, fix our devices if necessary and calibrate any weighing device or system according to national laws. The service





# DINAKSA

Solutions for industrial weighing needs

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## PRESENTATION

Dinaksa Pesaje has been focusing, for more than 30 years now, in the design, development, manufacturing and marketing of a wide range of industrial weighing systems and lifting equipment for heavy loads.

Its strong commitment to product & service quality, technological innovation and the constant compromise with our clients in search of solutions to their needs, are the main values of DINAKSA, and conduct our human team to become a leader reference in the lifting and handling industry.