DINI ARGEO
Scales - Weighing systems

PORTABLE PLATFORMS FOR VEHICLE WEIGHING

WWS

The best solution
is in your hand!

www.diniargeo.com

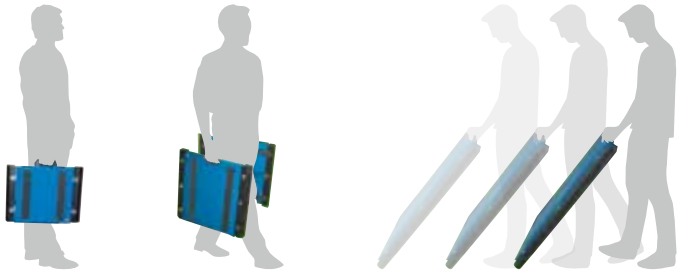
WWS

THE STATE OF THE ART VEHICLE WEIGHING SOLUTION
EASY TO USE, QUICK, APPROVED.

Dini Argeo, an Italian company specializing in the design and manufacture of scales and weighing systems, is pleased to introduce the WWS platforms, an innovative and technological product, designed and manufactured completely in Italy for the weighing of vehicles and large objects.

The WWS platforms can be used in all the applications in which it is necessary to quickly and simply weigh vehicles or structures with multiple mounting points, such as automobiles, tractors, carts, airplanes, trucks, tankers, containers, bins, bottles, buckets, etc.

They are particularly suitable for creating mobile weighing stations: thanks to their reduced weight and the ease in moving and placing them, in a few minutes it's possible to create a weighing station on any type of firm flat surface.



MODULAR SYSTEM
FROM **2** TO **20 PLATFORMS.**

A COMPLETE RANGE TO MEET YOUR NEEDS

WWS

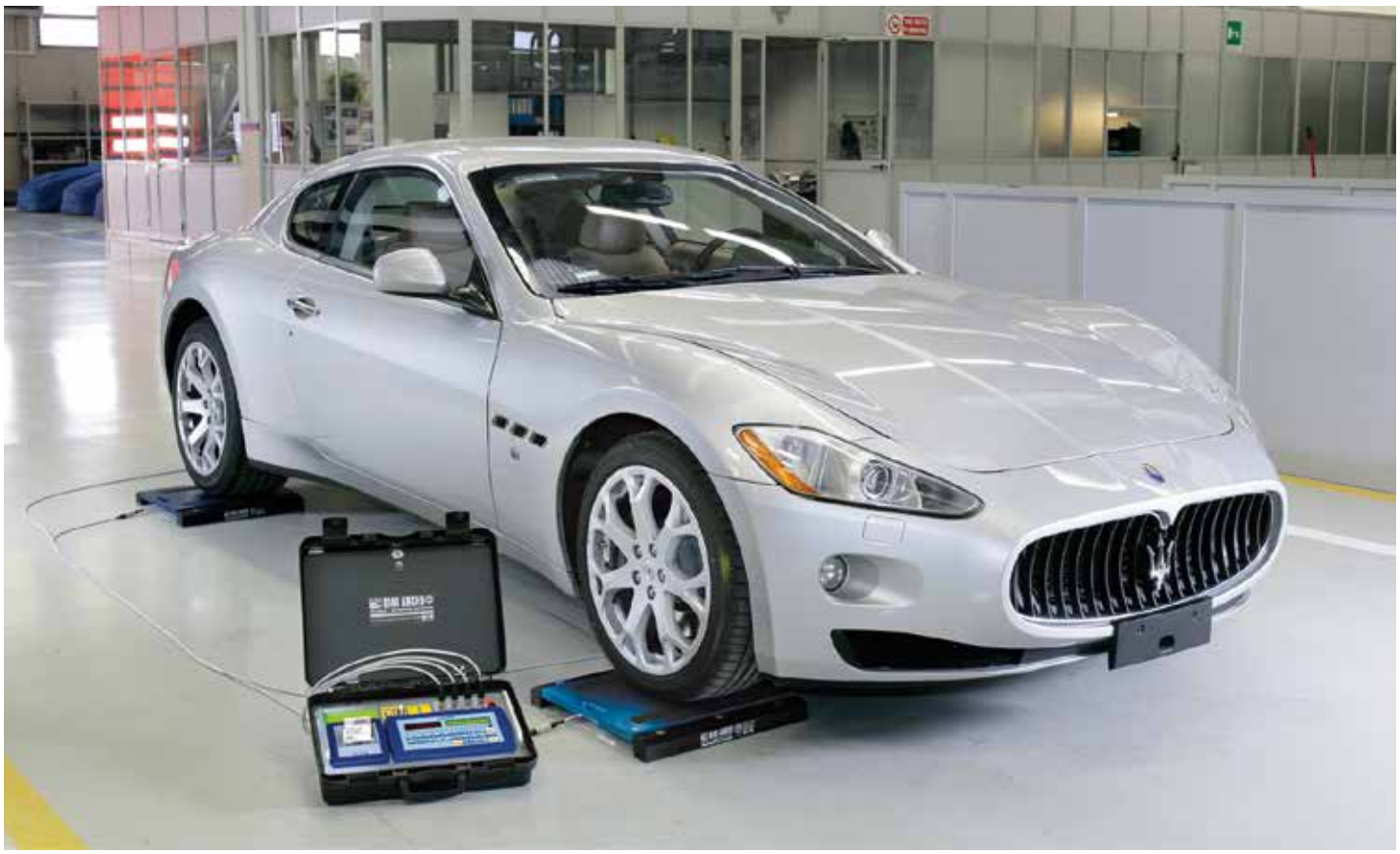
- **Loading surface** from 400x300 mm to 900x700 mm.
- **Capacity** from 600 to 25.000 kg.
- **Connectable** to the main weight indicator via cable or wireless.
- **Versions** for internal use only or Trade Approved, wheel weighing or axle weighing (OIML R134).

INDUSTRY LOGISTICS FOODSTUFF CHEMISTRY BUILDING BOATYARD WOOD INDUSTRY FUELS

GREAT VERSATILITY OF USE

- **Checking the weight** of the materials transported by vehicles creating easy Delivery/Dispatch product records.
- **Verify the weight** of each single wheel, of each single axle, and then the total weight sums.
- **Calculate the centre of gravity coordinates** of the weighted structure.
- **Weigh** for limited periods of time (harvests, crops, etc.), without the need for permanent foundations.
- Check for possible **vehicle overloading**, avoiding any unpleasant sanctions.
- **The wireless platform**, with its integrated indicator, can be used individually making it very useful for use in many Industry sectors.

PATENTED



WWS installed flush floor to the road surface, for dynamic weighing.

QUALITY AND TECHNOLOGY
AT YOUR SERVICE

WWS

REINFORCED SURFACE
made in a special alloy of high resistance, sturdy but light.

WHEELS FOR TRANSPORTING

INTEGRATED LEVEL
for the correct positioning of the platform.

NONSLIP STRIPES

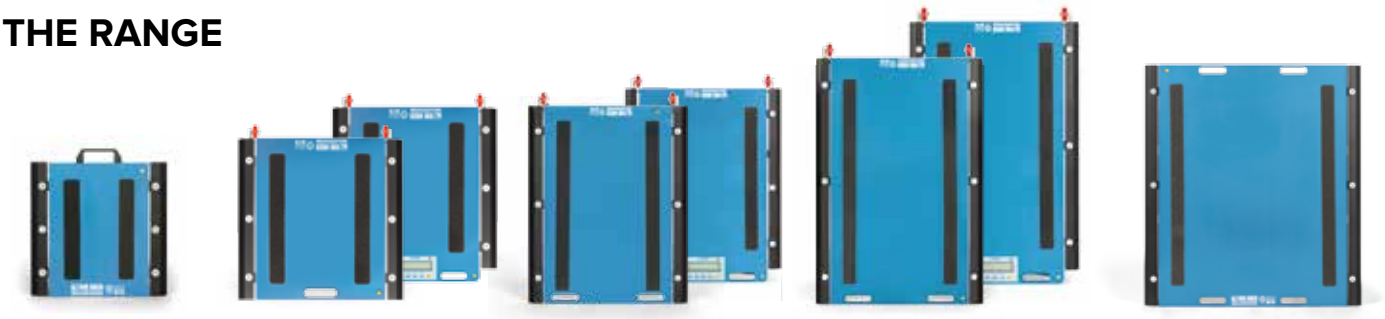
INTEGRATED WEIGHT INDICATOR
with IP68 protection.

ERGONOMIC TRANSPORT HANDLE.

SPECIAL NONSLIP RUBBER
for good grip on all types of surfaces.

WWSE RF
WIRELESS VERSION.

THE RANGE



WWSB
400x300mm
from 600 to 8000kg

WWSC / WWSC-RF
500x400mm
from 1500 to 15000kg

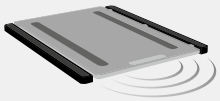
WWSE / WWSE-RF
700x450mm
from 6000 to 15000kg

WWSD/ WWSD-RF
900x500mm
from 6000 to 20000kg

WWSF
900x700mm
from 10000 to 25000kg

WWS

TECHNICAL FEATURES

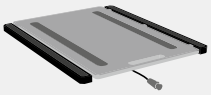


WIRELESS VERSION

- Reduced high, only 50mm.
- Structure made in a special alloy, extremely sturdy and strong.
- IP68 stainless steel **load cells**.
- IP68 protection degree.
- **Built-in weight indicator** into the platform and protected thanks to an IP68 hermetic box.
- **Built-in radio module** for weight transmission to a remote indicator or external device.
- Integrated wheels to facilitate the transport.
- **Internal rechargeable battery** with a long life.
- Nonslip rubber applied under the platform, for good grip on all types of surfaces.
- Patented technology: patent number 1.342.302.

AVAILABLE ALSO IN:

- CE-M approved version.



VERSION WITH CABLE

- Reduced high, only 50mm.
- Extremely sturdy structure, made in a special alloy of high resistance.
- IP68 protection degree of the load cells and the connectors, for using in presence of water, mud, or dust.
- **Cable storage**, standard fitted in all the models.
- **10 m extension cable** for the connection to the indicator.
- Integrated wheels to facilitate the transport.
- Nonslip rubber applied under the platform, for good grip on all types of surfaces.
- Patented technology: patent number 1.342.302.

AVAILABLE ALSO IN:

- CE-M approved version.
- R134 approved for the dynamic weighing.

PRODUCT PATENTED

1.342.302

R-76/EN 45501

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SPECIAL ALLOY

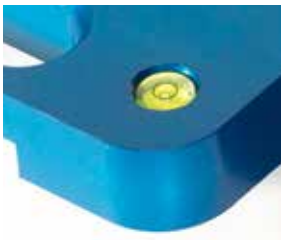
R134 DYNAMIC WEIGHING

IP 68

WIRELESS

NONSLIP RUBBER

for good grip on all types of surfaces.

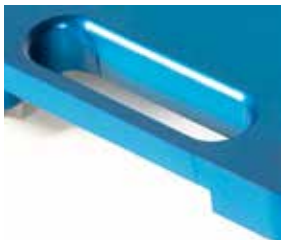


INTEGRATED LEVEL

for the correct positioning of the platform.

INTEGRATED WEIGHT INDICATOR

with IP68 protection (Wireless version).



ERGONOMIC TRANSPORT HANDLE

MOBILE, MULTIFUNCTION, WEIGHING STATION FOR WWS PLATFORMS,
3590E WEIGHT INDICATOR

3590E

Designed for vehicle weighing.
3590E is an easy to use weight indicator, fitted with all the main functions required for weighing your vehicles.

COMPARTMENT FOR CABLES AND BATTERY CHARGERS.

DOCUMENT POCKET.

RS232 SERIAL PORT
for connection to a PC.

LCD DISPLAY
for data and messages for the operator.

RED LED DISPLAY
for a clear display of the weight.

INTEGRATED PRINTER
with customizable tickets.

WATERPROOF KEYBOARD
with completely customizable functions.

RED LED DISPLAY
for a clear dispaly of the total weight.

LCD BACKLIT DISPLAY
able to show the weight of each platform and the centre of gravity.

COMPLETELY CUSTOMIZABLE TICKET.

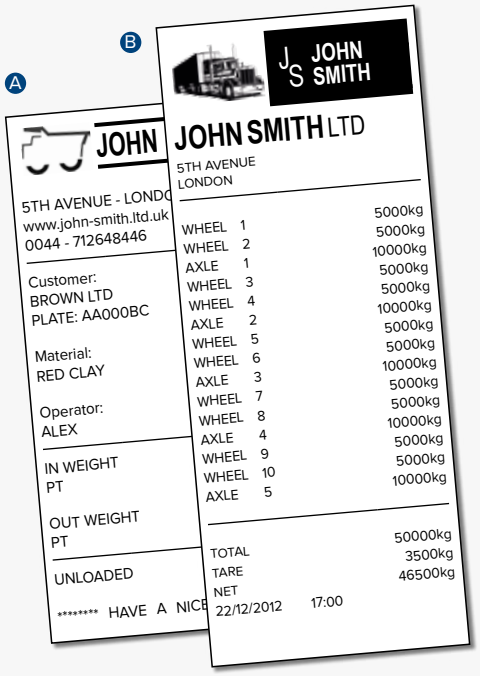
WWS

THE FUNCTIONS

- Weighing of the entire vehicle in a single operation (**wheel weighing mode**), which requires a number of platforms WWS equal to the wheels of the vehicle to be weighed.
- Weighing of the vehicle by summing the weight of each axle (**axle weighing mode**), which requires only two WWS platforms and the sum axle by axle.
- The acquisition of the weight of each axle can be done manually by pressing a button when the axle is stopped and correctly positioned on the platforms or automatically during the transit of vehicle on the platforms.
- Management of the in/out weighing for the calculation and the recording of the weight of the materials, transported by the vehicles entering or leaving by the company/construction site.
- Automatic calculation of x and y coordinates of the centre of gravity (wheel weighing mode).
- 3 total levels, zeroable and printable in an independent way:
  - total weight of the current vehicle
  - total weight of all weighed vehicles
  - grand total.
- Management of the vehicle tare.
- Database which can be compiled manually by the operator (registration, license plate, transported material, customer, vendor, etc.).
- Database of 1000 records, with configurable password, each composed of 5 alphanumeric descriptions, for vehicle, client, and material management.
- Alibi memory for legal for trade use of the system.

TICKETS

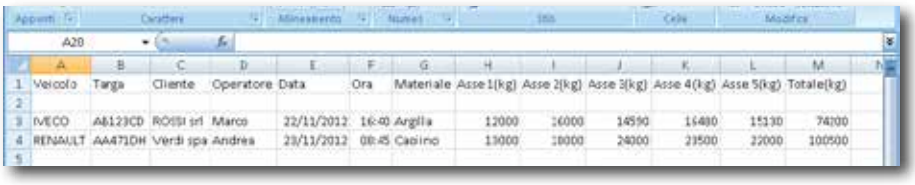
COMPLETELY CUSTOMIZABLE



EXAMPLE OF:
Ⓐ In/Out Weighing
Ⓑ Wheel and Axle Weighing

USB KEY FOR RECORDING THE WEIGHS ON PC

The recording of all the weightings is important and also to have the complete traceability of the transactions.
All data is available in Excel format, **over then 5.000.000 of recorded weighs**.



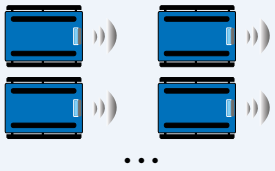
Veicolo	Targa	Cliente	Operatore	Data	Ora	Materiale	Asse 1(kg)	Asse 2(kg)	Asse 3(kg)	Asse 4(kg)	Asse 5(kg)	Totale(kg)
IVECO	AB123CD	ROSSI srl	Marco	22/11/2012	16:40	Argilla	12000	16000	14590	16480	15130	74200
RENAULT	AA471DH	Verdi spa	Andrea	23/11/2012	08:45	Calcino	13000	18000	24000	23500	22000	100500

APPLICATION EXAMPLES
THE SOLUTIONS

WWS

WIRELESS WEIGHING

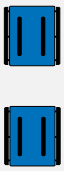
WEIGHING OF THE ENTIRE VEHICLE up to 20 Platforms



AXLE WEIGHING through 2 Platforms

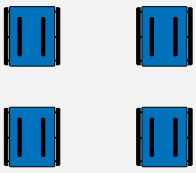
2-AXLE VEHICLE WEIGHING

More economical: static axle weighing



2 PLATFORMS
- Excellent weighing accuracy on the vehicle total.
- Easy to install.
- Great money saving.
- Axle by axle weighing.

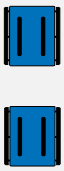
More precise: static wheel weighing



4 PLATFORMS
- Elevated accuracy weighing on the vehicle total.
- Only 1 weighing operation to obtain all of the weight data: single wheel, single axle, total weight, load center calculation and overload check.
- Weighing with static vehicle.

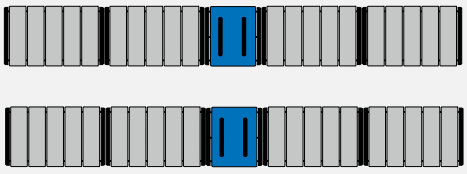
3, 4, 5... "N"-AXLE VEHICLE WEIGHING

More economical: static axle weighing



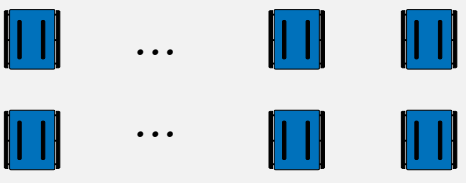
2 PLATFORMS
- Excellent weighing accuracy on the vehicle total.
- Easy to install.
- Great money saving.
- Axle by axle weighing.

Faster: dynamic axle weighing



2 PLATFORMS AND "N" LEVELLING MODULES
- Excellent weighing accuracy on the vehicle total.
- Easy to install and move.
- Great saving in time in the weighing operations.
- Weighing during the transit of the vehicle.

More precise: static wheel weighing



"N" PLATFORMS
- Elevated accuracy weighing on the vehicle total.
- Only 1 weighing operation to obtain all of the weight data: single wheel, single axle, total weight, load center calculation and overload check.

BRIDGESTONE
3635

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SALES AND TECHNICAL ASSISTANCE SERVICE

The information in this document is approximate and can be subject to variations without prior notice by Dini Argeo, with respect of the norms in force. The official technical data is available in the updated version on the www.diniargeo.com web site or by contacting the Dini Argeo Customer Service.

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