



## WWS

PORTABLE PLATFORMS  
FOR VEHICLE WEIGHING



**The best solution  
is in your hand!**





# 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).

### 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.



INDUSTRY



LOGISTICS



FOODSTUFF



CHEMISTRY



BUILDING



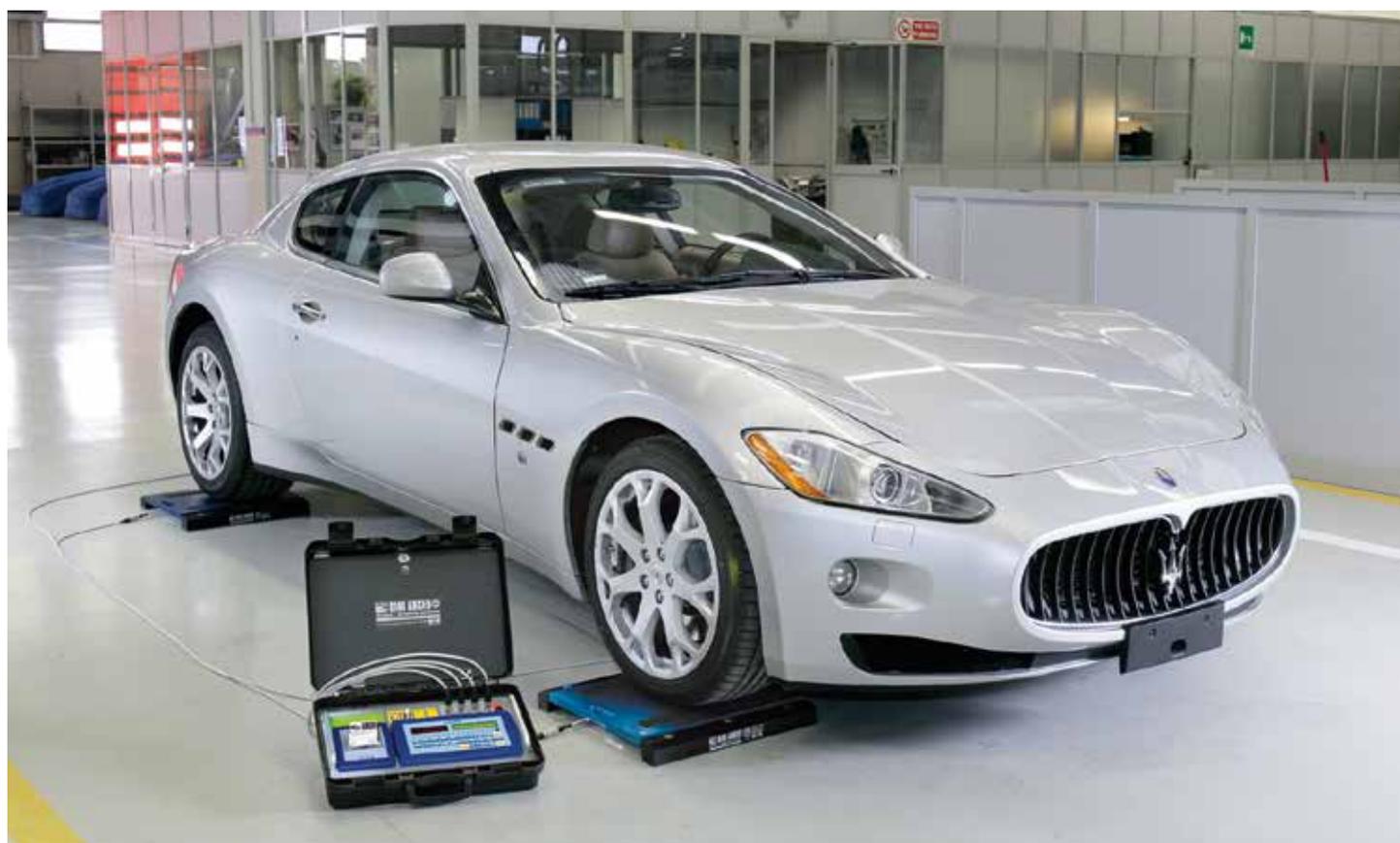
BOATYARD



WOOD  
INDUSTRY



FUELS

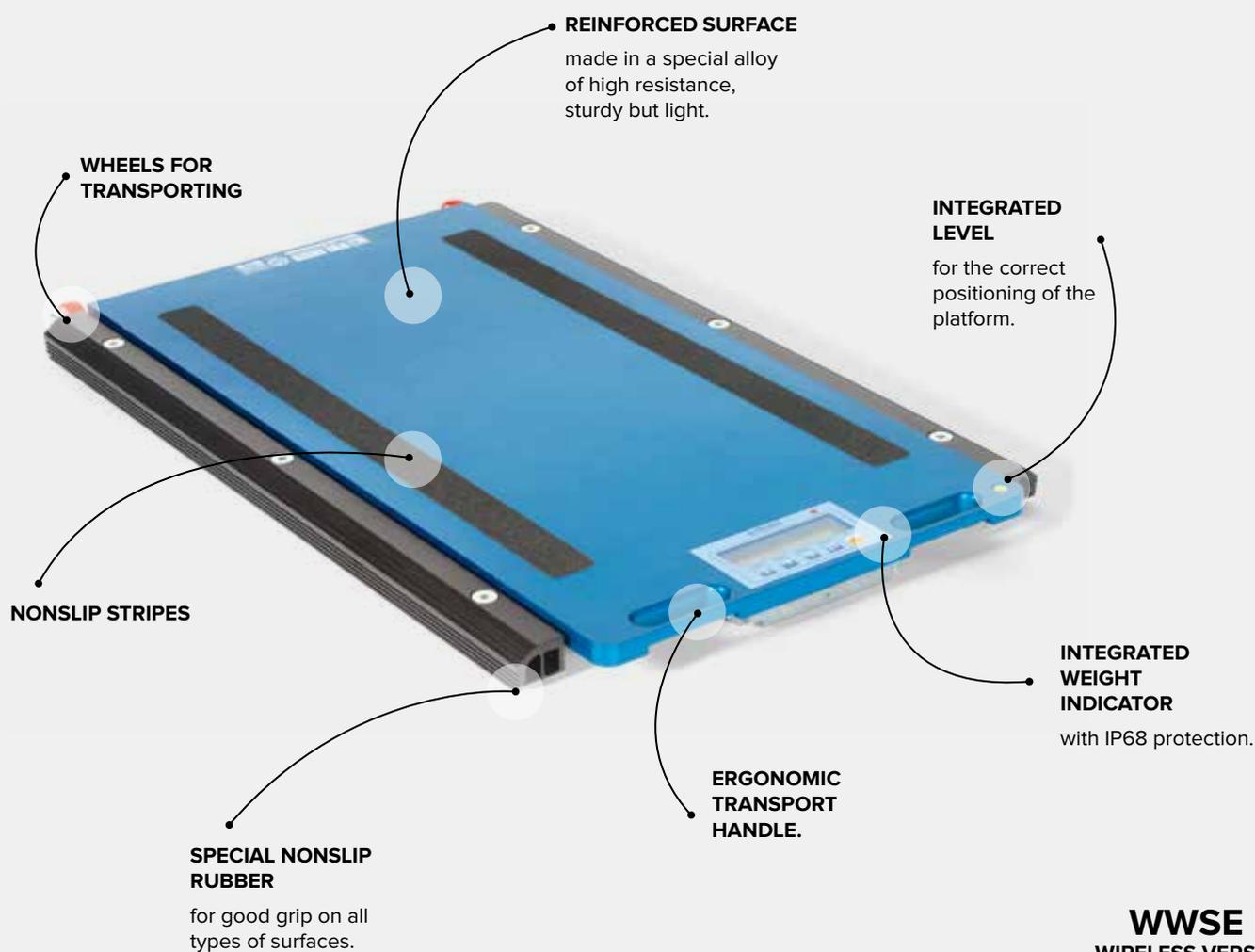


WWS installed flush floor to the road surface, for dynamic weighing.



QUALITY AND TECHNOLOGY  
AT YOUR SERVICE

# WWS



**WWSE RF**  
WIRELESS VERSION.

## THE RANGE



**WWSB**

400x300mm  
from 600 to 8000kg



**WWSC**

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



## TECHNICAL FEATURES

### WIRELESS VERSION

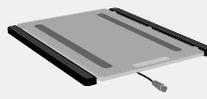


- Reduced high, only 50mm.
- Structure made in a special alloy, extremely sturdy and strong.
- IP68 stainless steel **load cells**.
- IP68 protection degree.
- **Built-in weight indicator** into the platform and protected thanks to an IP68 hermetic box.
- **Built-in radio module** for weight transmission 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.



1.342.302



R-76/EN 45501



SPECIAL ALLOY



R134 DYNAMIC WEIGHING



IP 68

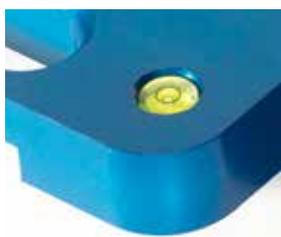


WIRELESS



#### 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.**

**RS232 SERIAL PORT**  
for connection to a PC.

**DOCUMENT POCKET.**

**LCD DISPLAY**  
for data and messages  
for the operator.

**INTEGRATED PRINTER**  
with customizable  
tickets.

**RED LED DISPLAY**  
for a clear display  
of the weight.

**WATERPROOF KEYBOARD**  
with completely  
customizable functions.



**RED LED DISPLAY**  
for a clear display of the  
total weight.



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



**COMPLETELY  
CUSTOMIZABLE TICKET.**





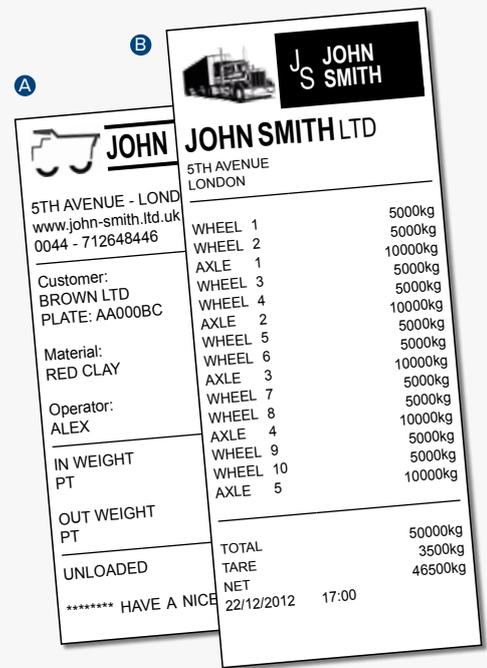
# WWS

## 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:**  
 A In/Out Weighing  
 B 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.**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Veicolo	Targa	Cliente	Operatore	Data	Ora	Materiale	Asse 1(kg)	Asse 2(kg)	Asse 3(kg)	Asse 4(kg)	Asse 5(kg)	Totale(kg)	
2														
3	MECO	AB123CD	ROSSI srl	Marco	22/11/2012	16:40	Argilla	12000	16000	14500	14800	15100	74700	
4	RENAULT	AA471DH	Verdi spa	Andrea	23/11/2012	08:45	Cemento	13000	18000	24000	21500	22000	100500	
5														

# APPLICATION EXAMPLES THE SOLUTIONS

# WWS



WIRELESS WEIGHING	
<b>WEIGHING OF THE ENTIRE VEHICLE</b> up to 20 Platforms	
<b>AXLE WEIGHING</b> through 2 Platforms	

## 2-AXLE VEHICLE WEIGHING

	<b>More economical: static axle weighing</b> 	<b>2 PLATFORMS</b> <ul style="list-style-type: none"> <li>• Excellent weighing accuracy on the vehicle total.</li> <li>• Easy to install.</li> <li>• Great money saving.</li> <li>• Axle by axle weighing.</li> </ul>
	<b>More precise: static wheel weighing</b> 	<b>4 PLATFORMS</b> <ul style="list-style-type: none"> <li>• Elevated accuracy weighing on the vehicle total.</li> <li>• Only 1 weighing operation to obtain all of the weight data: single wheel, single axle, total weight, load center calculation and overload check.</li> <li>• Weighing with static vehicle.</li> </ul>

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

	<b>More economical: static axle weighing</b> 	<b>2 PLATFORMS</b> <ul style="list-style-type: none"> <li>• Excellent weighing accuracy on the vehicle total.</li> <li>• Easy to install.</li> <li>• Great money saving.</li> <li>• Axle by axle weighing.</li> </ul>
	<b>Faster: dynamic axle weighing</b> 	<b>2 PLATFORMS AND "N" LEVELLING MODULES</b> <ul style="list-style-type: none"> <li>• Excellent weighing accuracy on the vehicle total.</li> <li>• Easy to install and move.</li> <li>• Great saving in time in the weighing operations.</li> <li>• Weighing during the transit of the vehicle.</li> </ul>
	<b>More precise: static wheel weighing</b> 	<b>"N" PLATFORMS</b> <ul style="list-style-type: none"> <li>• Elevated accuracy weighing on the vehicle total.</li> <li>• Only 1 weighing operation to obtain all of the weight data: single wheel, single axle, total weight, load center calculation and overload check.</li> </ul>





“YOUR WORLDWIDE PARTNER FOR WEIGHING”

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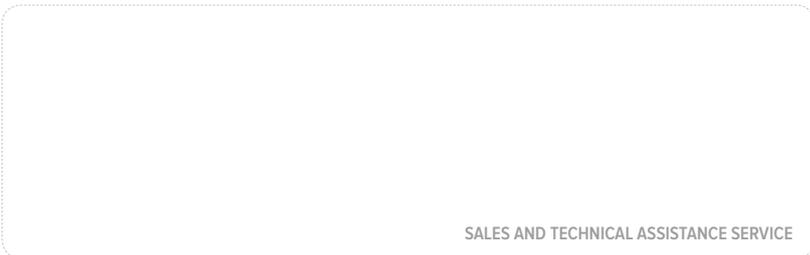


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SALES AND TECHNICAL ASSISTANCE SERVICE