

IN MOTION VEHICLES WEIGHING

DINA3 OIML



THE PRODUCT

Veichles axle weighing approved to OIML R134 Class II.

18.000 kg per axle in motion; certified axle weighing system able to define the weight of any vehicle, in less than 25 seconds to an accuracy of max 1%. A real alternative to the conventional weighbridge for law enforcement, with much more advantage. Especially indicated to control the flow of the carried material and the overload trucks, it helps to increase safety on the road.

FEATURES AND ADVANTAGES

- Metrological certification **OIML R134**
- **Easy to use**
- **Easy installation** with a simple levelling from the top of the platforms
- **Warning message** if passage on the platforms was not correct
- **Weighs** up to 12 axles
- Allows to display the **weight of each axle**
- Allows to preset **customer code**
- Automatic and manual **print** of every operation
- Tickets can report the axle weight and the total weight
- Available in **any language** including languages with **special characters**
- **Internal memory system** for quick easy access to specific info
- **Overload control** with warning message
- Interface for the **direct communication** to the Pc
- **Resistant** to dust, mud, water and snow
- **Connectable** to 12V battery and car lighter

*A **real** and
efficient
alternative
to the standard
truck scale*

FUNCTIONS

The system is subject to a factory test prior to shipment, using test weights which are traceable to a national standard and which carry an annual calibration certificate.

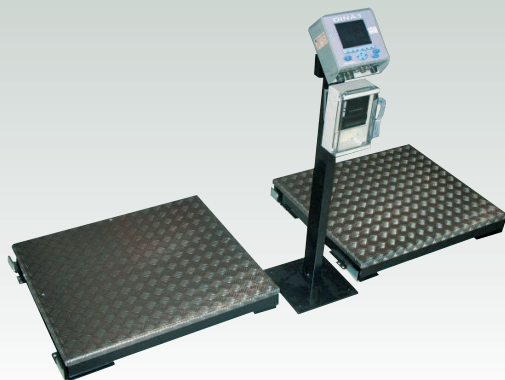
The system is available also with metrological certification OIML R134 Class II norm.

NOTE: site construction must strictly follow dinamica generale® specifications to respect OIML R134 Class II norm.



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FOR EVERY KIND OF VEHICLE

The system is composed of:

- 2 weighing platforms
- 1 support for electronic devices
- 1 weighing indicator OIML R 134 approved
- 1 thermal printer
- 2 connection cables (18 m)
- 1 power supply cable (3.5 m)
- 1 power supplier 110 - 240 Vac / 12 Vdc
- 1 internal sound alarm

Frame Construction KIT



Complete Site Construction KIT

ACCESSORIES:

- Weight repeater (Supplementary display)
- DINA3 Office Pack (Software + USB Key + USB interface)
- Traffic lights + external sound alarm for customer friendly operations
- Frame Construction KIT
- Complete Site Construction KIT

INSTALLATION

dinamica generale® supplies a **kit** containing all necessary material and information for the construction of an optimal site.

The kit, besides mechanical components, includes also precise and intuitive instructions in order to install each single part and on how to lay the concrete.

Moreover, for people interested in making or buying the mechanical components in their own Country, dinamica generale® is available to supply technical drawings for their realization.

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TECHNICAL DATA

SYSTEM

System maximum capacity	18 ton
System minimum capacity	100 kg
Platform dimension	920 x 770 x 110 mm
Material	Steel Plate
System accuracy	Static +/-0,5% Dynamic +/-1% *(NOTE: site construction must strictly follow DG specifications to respect system accuracy)
System operating temperature	-30°C / +65°C
System storage temperature	-40°C / +70°C
Relative humidity	85% NON CONDENSING
Speed	1-3 km/h
Indicator resolution	e=5 kg , d=10 kg
System protection class	IP67
Admitted overload	150% FS
Cable length	18 m
Power supply	9.5 ÷ 32 Vdc or 110÷240 Vac with power supplier included
Platform weight	120 kg
Kit weight	290 Kg

INDICATOR

Dimensions	220 x 200 x 100 mm
Protection class	IP67

LOAD CELLS

Load cell number	4 for each platform
Load cell model	DG-SD 2500 Kg C4 OIML R60
Protection class	IP68

JUNCTION BOX

Material	Polyester
Protection class	IP68