

Wheel/Front loader



Telescopic handler



Tractor front loader



Fork lift



Excavator



Dumper



Concrete mixer



ON BOARD solutions

THE PRODUCT

Pegasus2 scale provides the information needed to load maximum weights faster and keep trucks moving without going to a weighbridge scale.

This means you get increased productivity on every load, every day.

The Pegasus2 kit is designed to do the job and survive the rugged environments found in quarry and other loading operations.

Pegasus2 can be installed on most wheel loaders, tractor front loaders, excavators, telescopic handlers, fork lifts (more than 30 brands, complete list under request) giving to the operators the opportunity to increase capability and efficiency while eliminating material loss due to overloading.



Images are indicative.

FEATURES AND ADVANTAGES

One product for many applications:

- Dynamic weighing: allows weighing without interfering with the operators work.
- Save time loading, this means more loads per day.
- Intuitive and easy keyboard.
- Automatic load accumulation (up to 256 weighing for a total of 299 tons).
- Live weight reading.
- Standard printer port to connect plug&play the printer.
- Edit of components name, customers, operators name.
- Overload warning.
- Easy and immediate calibration set (calibration has to be performed with a known weight nearest to the full capacity of the machine).
- LCD graphic display with backlight for easy reading and local language capability.
- Multiple information shown on the display, thanks to the userdriven interface.
- Double pressure transducers for high accuracy.



THE SYSTEM

The Pegasus2 system uses pressure sensors to measure changes in hydraulic pressure that are directly proportional to the load being lifted. The output of the pressure sensor is interpreted and shown on the display. The LCD display shows the individual lift weights and cumulative total by material or truck.

The system is composed of

- Pegasus2 indicator
- 2 pressure sensors
- 2 proximity sensors
- 1 sensor connection box
- 1 sensor cable (4m)
- 1 power supply cable (3,8 m)
- 1 mechanic support for proximity



TECHNICAL DATA

INDICATOR

Range (f.s.)
0 - 99999

Resolution
1 - 2 - 5 - 10 - 20 - 50 kg

Accuracy dynamic mode
+/-1%

Operating temperature
-30/+60 °C

Power supply
9,5 - 32 Vd.c.

Dimensions (mm)
234 x 200 x 100

Weight (gr)
2500

Case:
PA66+GF 25% V0

Protection grade
IP 67

Display
Graphic display 280 x 64 AA
27.49 x 120.37 mm backlight

PRESSURE TRANSDUCERS

Capacity
500 bar

Connection
1/4 Gas



ACCESSORIES

THERMAL PRINTER

With installation of the optional printer, the operator can get all the weight data printed in the cab, saving time and money.

- Very strong case for using in hard conditions.
- Customizable header with company data or other information.



Code: 999-0010

Load supervisor software for a perfect control of the working data.

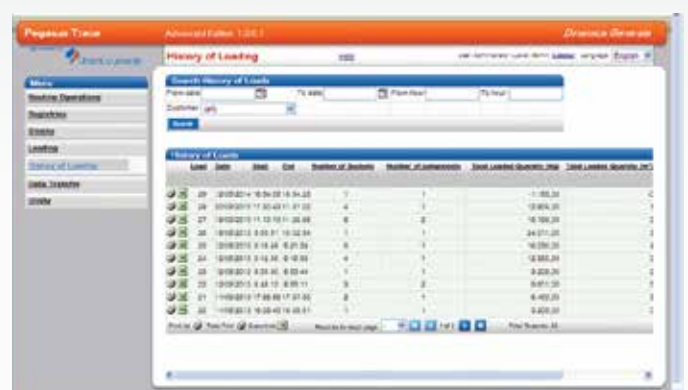
- Customers management.
- Components management.
- Single load history.
- Total load history.
- Amount for customer or component.
- Detailed report on Excel or PDF.

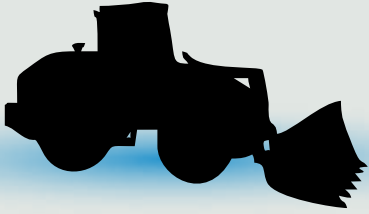
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Load supervisor software for a perfect control of your working data.

- Friendly user interface
- Collect data and information about your customers
- Information about all the components loaded
- All working phases managed in the most efficient way from warehouse and purchasing to customers

Code: 999-0620





WHEEL FRONT LOADER

- Time saving
- Control of overloads
- Safety increasing

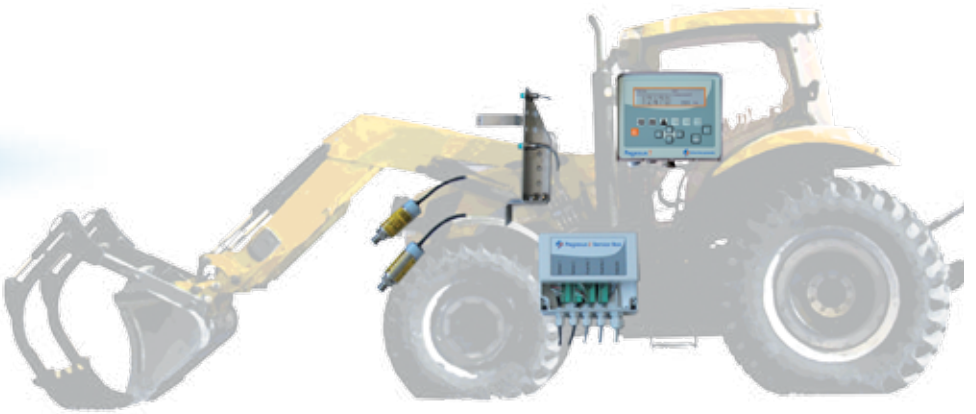
Code: 999-0448



TRACTOR FRONT LOADER

- Improve equipment effectiveness
- Overloads warning

Code: 999-0448

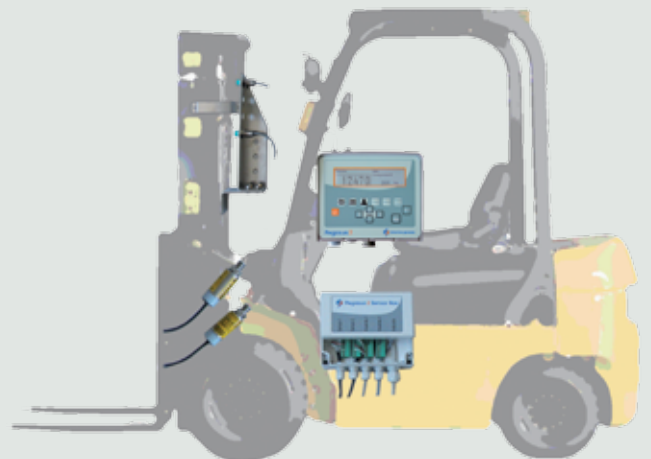


FORK LIFT

Accurate weight simply by lifting pallets:

- Safety warehouse operations
- Reduce movements of transporting pallets to and from a platform scale

Code: 999-0448





TELESCOPIC HANDLER

- To save time and reduce costs
- Immediate control of the overloads
- Safety increased

Code: 999-0448

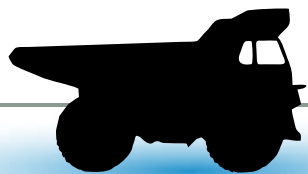


EXCAVATOR

- Track and benchmark excavator and operators efficiency
- It provides bucket by bucket payload information to optimize loading's operations

Code: 999-0448 + 979-0217





Dumper application

On board robust and reliable weighing system

THE PRODUCT

On board robust and reliable weighing system for articulated and rigid dumpers.

Flexible and fully automatic, very useful to prevent overloads.

WHY SHOULD YOU INSTALL AN ON BOARD WEIGHING SYSTEM?

The on board weighing allows to optimize all working phases with instant control of the data and to reduce vehicles maintenance costs using them at the best of their efficiency. Better planning and control of the work process.

- It provides protection from excessive loads on tires.
- Better assignment planning and more efficient use of dumpers.
- Millions of records managed by dinamica generale Group.



System Code: 999-0865
Accessories Code:
• GPS 979-0266
• GPRS 979-0255
Dumper Trace Code: 999-0866

LOAD CELLS

Load cells are demonstrative as an example. Load capacity and mechanical construction of the equipment will define the choice of the appropriate model. Other versions available on request.



10.000kg
code 969-0236



7.000kg
code 969-0297



5.700kg
code 969-0061



30.000kg
code 969-0295
High capacity available



7.500kg
code 969-0306



Dumper application

On board robust and reliable weighing system



Data stored on Cloud.



GPRS communication through modem.



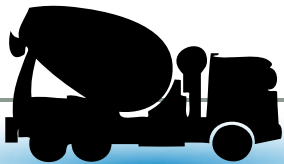
Intuitive software to control data.

SOFTWARE

- Geographic coordinates through GPS.
- Fleet tracking and better working plan.
- Distance covered, average speed.
- Operators management.
- Material loaded.
- Working hours counter.
- Overloads counter.
- Customer traceability.

Code: 999-0866





Concrete Mixer

On board robust and reliable weighing system

THE PRODUCT

Mixmade is an on-board robust and reliable weighing system for concrete mixers. The weight reading is by shear beam or double shear beam load cells which directly support the drum and transmit the signal to the indicator that shows it in the cab.

System Code: 999-0527
Accessories Code: Thermal print 999-0010
Concrete Trace Code: 999-0867

WHY SHOULD YOU INSTALL AN ON BOARD WEIGHING SYSTEM?

The system is designed to operate in tough environments, thanks to its high robustness and protection grade. The use of load cell provides high accuracy and precise weighing to guarantee a saving on the material cost and to get an optimum mixture.



LOAD CELLS

Load cells are demonstrative as an example. Load capacity and mechanical construction of the equipment will define the choice of the appropriate model. Other versions available on request.



2.500kg
code 969-0011



5.700kg
code 969-0061



2.500kg
code 969-0012



7.500kg
code 969-0306



Mixmade for Concrete Mixer

On board robust and reliable weighing system

THE SYSTEM

Mixmade system allows the weight reading through share beam or double share beam load cells. The load cells signals is transmitted to the indicator that turns it into weight. The use of load cells provide very high accuracy. The system is composed of:

- Mixmade weighing indicator
- Load cells
- Junction box

Code: 999-0448



TECHNICAL DATA

Small indicator dimension suitable for in cab application.

SYSTEM

Number of formulas

99

Number of components

24 selectable from 100

ID customer management

Yes

Accumulation management

Yes

Range

0 - 99999 kg/pounds

Operating temperature

-30/+65 °C

Power supply

9.5 - 32 Vdc

RED display

5 digit x 40 mm height

LCD display

- 16 alphanumeric characters
- 15 mm with back light

Protection grade

IP 67

AVAILABLE LANGUAGES

English	Croatian
German	Swedish
Danish	Latvian
Russian	Turkish
Greek	Spanish
Slovenian	Portuguese
Finnish	Polish
Estonian	Czech
Italian	Slovak
French	Norwegian
Dutch	Lithuanian
Hungarian	Chinese



ACCESSORIES

THERMAL PRINTER

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- Very strong case for using in hard conditions.
- Customizable header with company data or other information.



Code: 999-0010



Mixmade for Concrete Mixer

On board robust and reliable weighing system

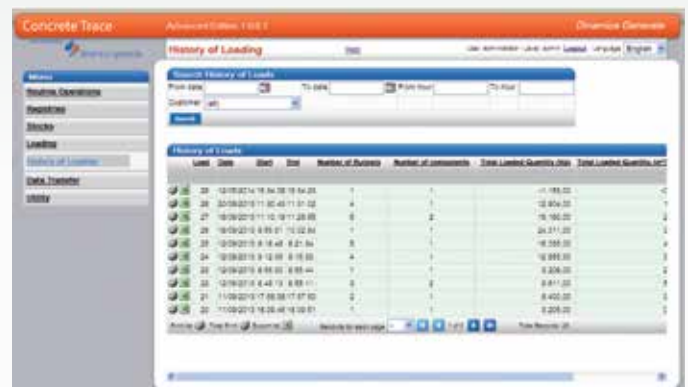


SOFTWARE

The software allows you the complete control of your working data.

Code: 999-0867

- Customers management
- Components management
- Amount for customer or component
- Detailed report on Excel or PDF
- Material and labour costs
- Customer traceability
- Multilanguages



QUALITY & CERTIFICATIONS*



CONTACTS

GENERAL INFORMATION

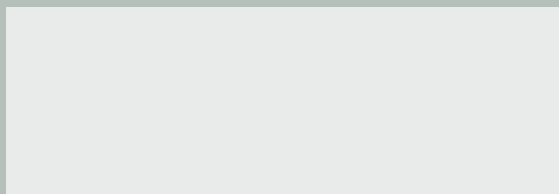
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*achieved by Dinamica Generale S.p.A.