

Kimax

La liberta del controllo del carico on-board

Da un autista ad un altro...



Globalmente locale

- Aftermarket
- Costruttori di telai
- Produttori apparecchiature originali

Il Sistema di pesatura“a bordo” Kimax è principalmente utilizzato carichi non specificati che sono caricati off-road o senza alcun accesso a pese ponte nel luogo di carico.

L'obiettivo è quello di monitorare il carico sull'assale attuale, il peso totale del veicolo oppure riuscire ad avere una lettura più accurate del peso caricato in viaggio.

Globalmente locale

- Veicoli per la raccolta della spazzatura



Globalmente locale

- Veicoli per la raccolta della spazzatura
- Industria del legno



Globalmente locale

- Veicoli per la raccolta della spazzatura
- Industria del legno
- Estrazione



Globalmente locale

- Veicoli per la raccolta della spazzatura
- Industria del legno
- Estrazione
- Rimorchi serbatoi / Trasporto alla rinfusa
- Produzioni agricole



Globalmente locale

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- Produzioni agricole
- BRT – Progetti BUS



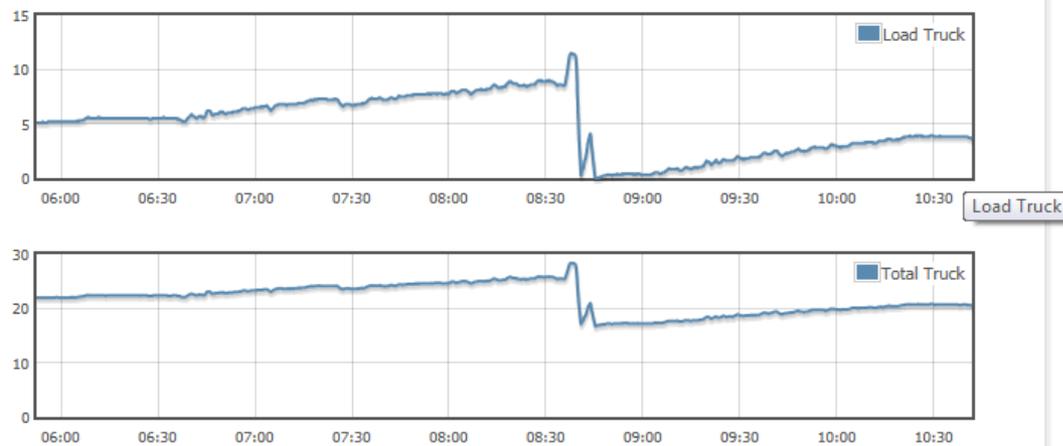
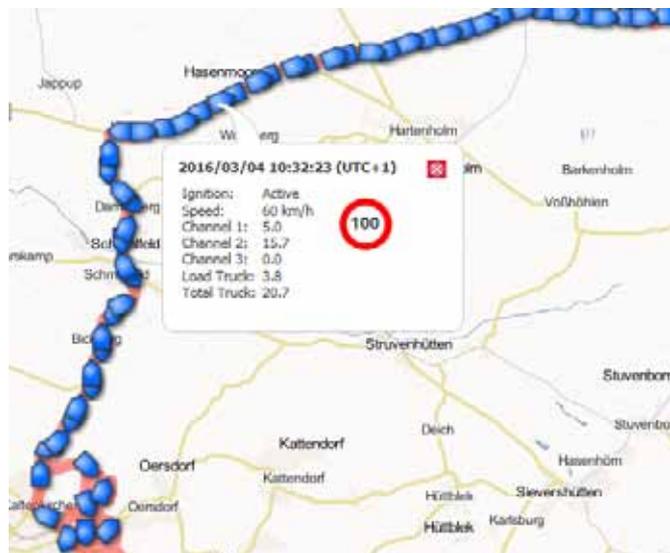
Globalmente locale

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Globalmente locale

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- Produzioni agricole
- BRT – Progetti BUS
- Gestione delle flotte



Globalmente locale

- Veicoli per la raccolta della spazzatura
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- Produzioni agricole
- BRT – Progetti BUS
- Gestione delle flotte
- Obbligo di legge (96/53 EC Direttiva su pesi & dimensioni)

Entro il 27 maggio 2021, gli Stati membri dovranno adottare misure specifiche per identificare i veicoli o combinazioni di veicoli in circolazione, che sono suscettibili al superamento del peso massimo autorizzato e che devono essere controllati dalle rispettive autorità competenti al fine di garantire il rispetto delle disposizioni della presente direttiva . Tali misure possono essere prese con l'ausilio di sistemi automatici allestiti sulla infrastrutture stradali, o per mezzo di apparecchiature di pesatura installate a bordo la dei veicoli stessi.

Le apparecchiature di pesatura a bordo dovranno quindi essere precise ed affidabili, nonché interoperabili e compatibili con tutti i tipi di veicoli

Entro il 27 maggio 2016, la Commissione dovrà elaborare degli atti esecutivi, in modo da fissare le modalità con le quali si dovranno garantire condizioni uniformi per l'attuazione delle norme in materia di interoperabilità e compatibilità.

Per garantire la compatibilità con tutti i tipi di veicoli, i sistemi a bordo dei veicoli a motore devono essere in grado di ricevere ed elaborare i dati provenienti da qualsiasi tipo di rimorchio o semi-rimorchio attaccato al veicolo a motore.

Un nuovo punto di vista: Kimax

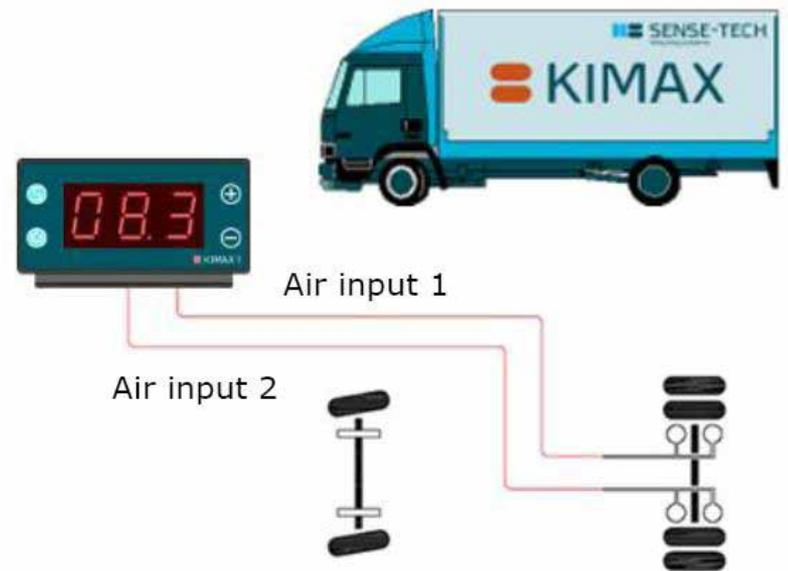
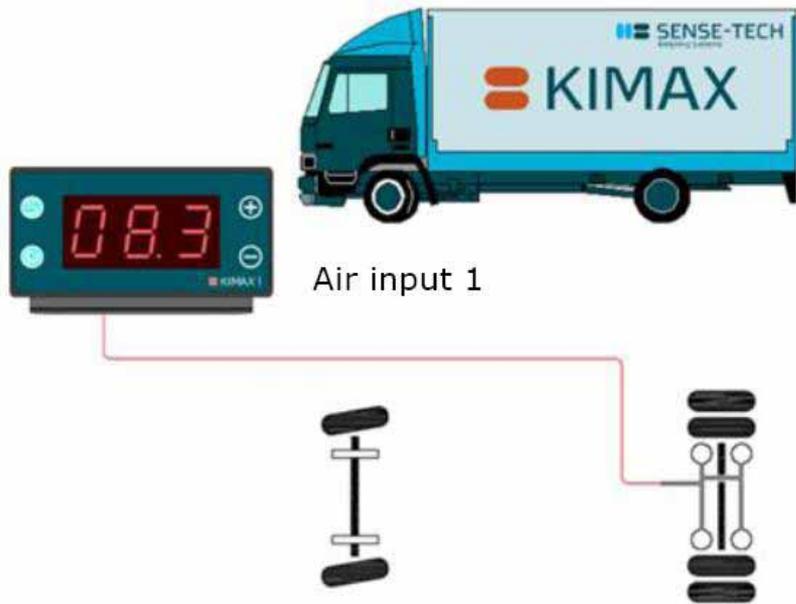
Normalmente le celle di carico sono posizionate tra il telaio e il rimorchio, trasformando di fatto il camion in una pesa!



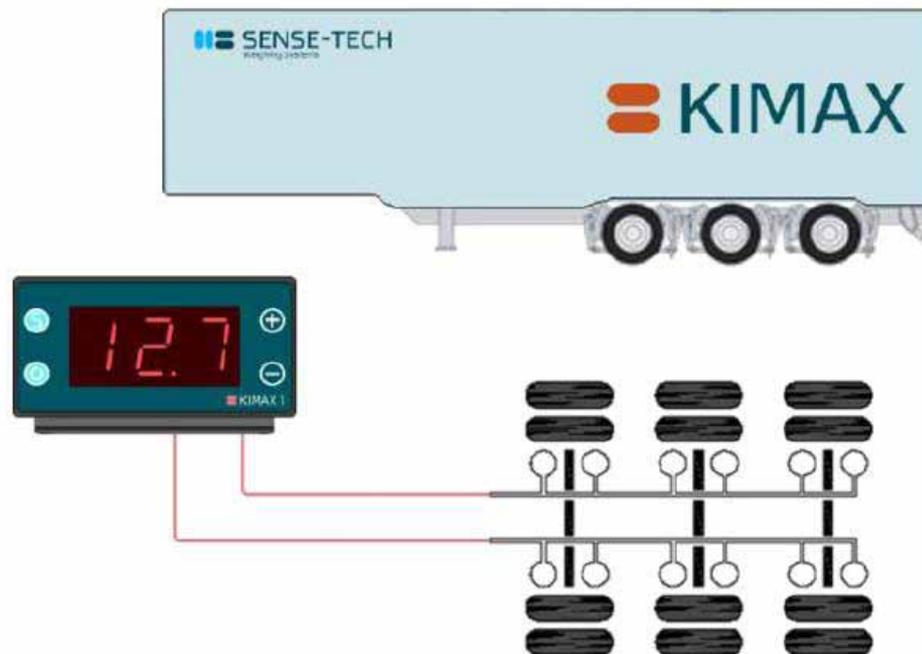
Con il Sistema Kimax, si vanno ad aggiungere i sensori alla normale struttura del camion, convertendolo di fatto in un veicolo con Sistema di pesatura.



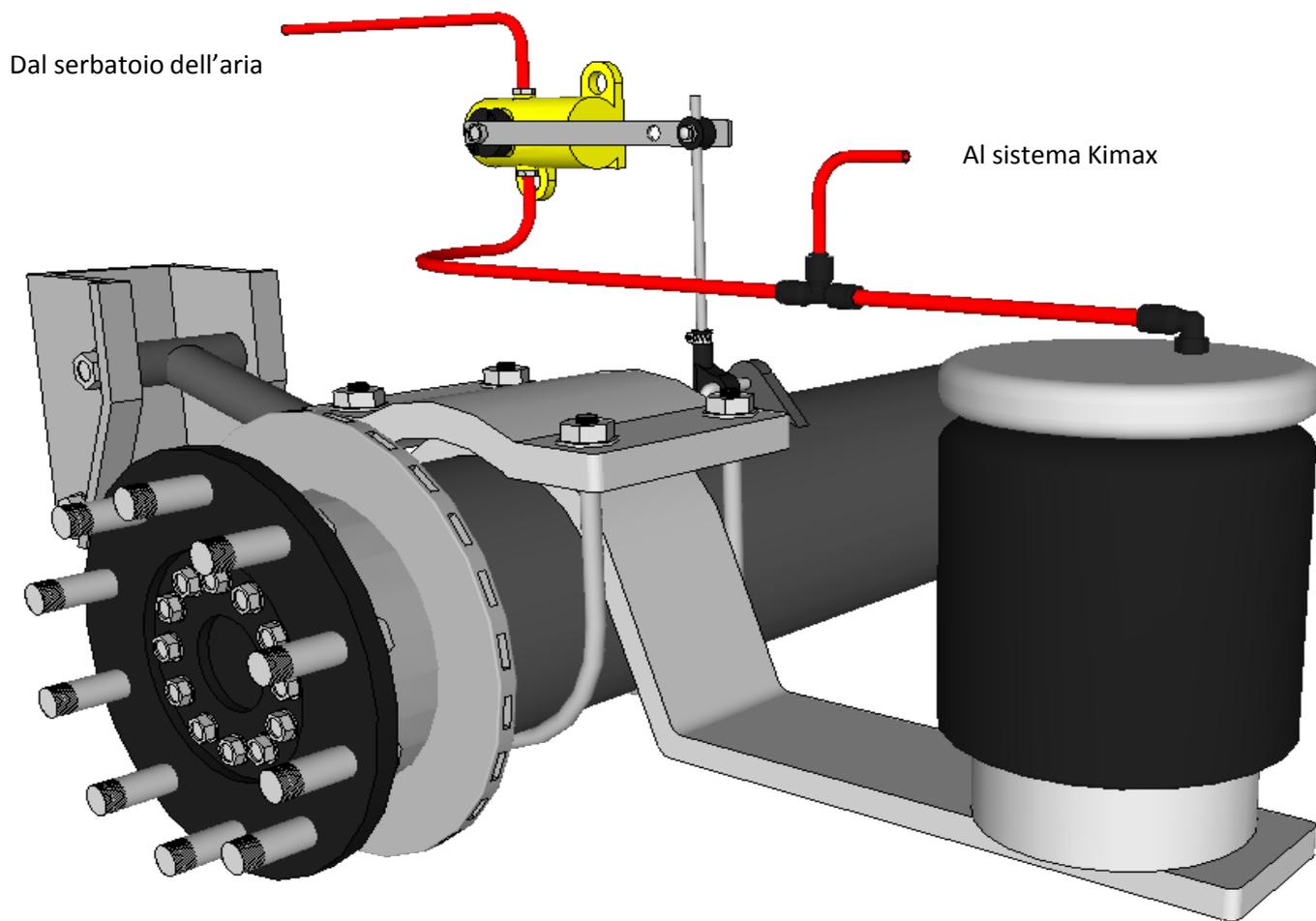
Kimax 1, Carico su assale, semplice e veloce



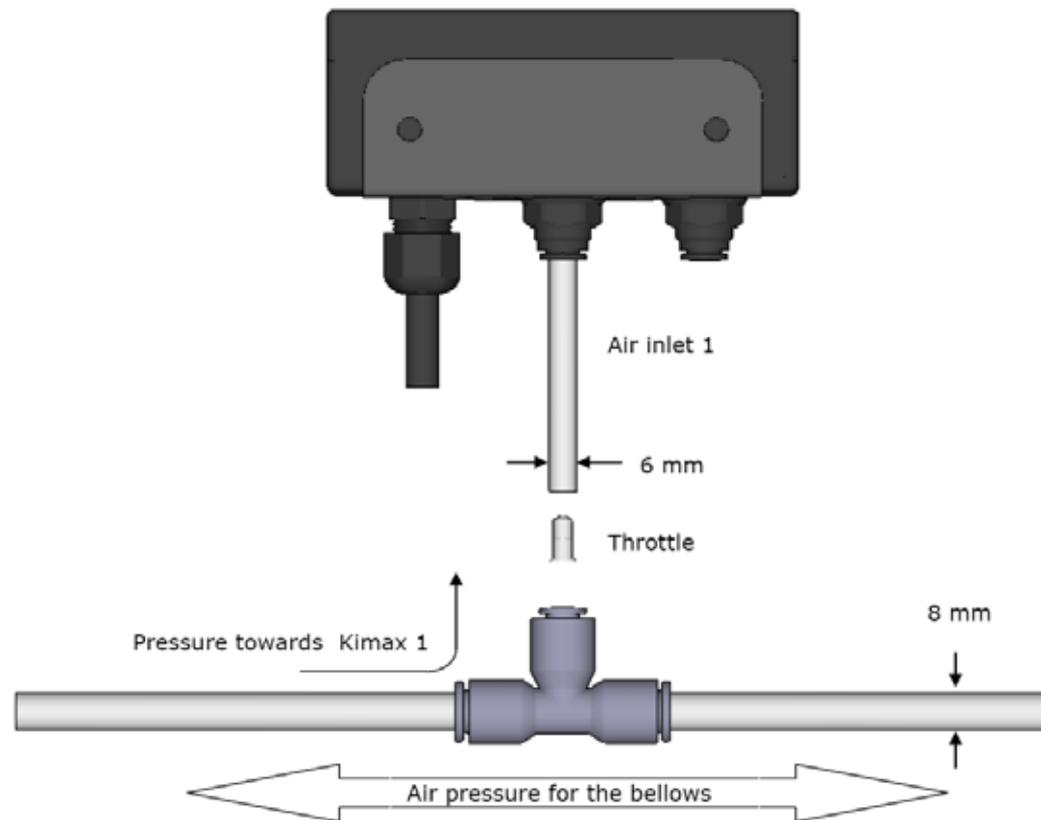
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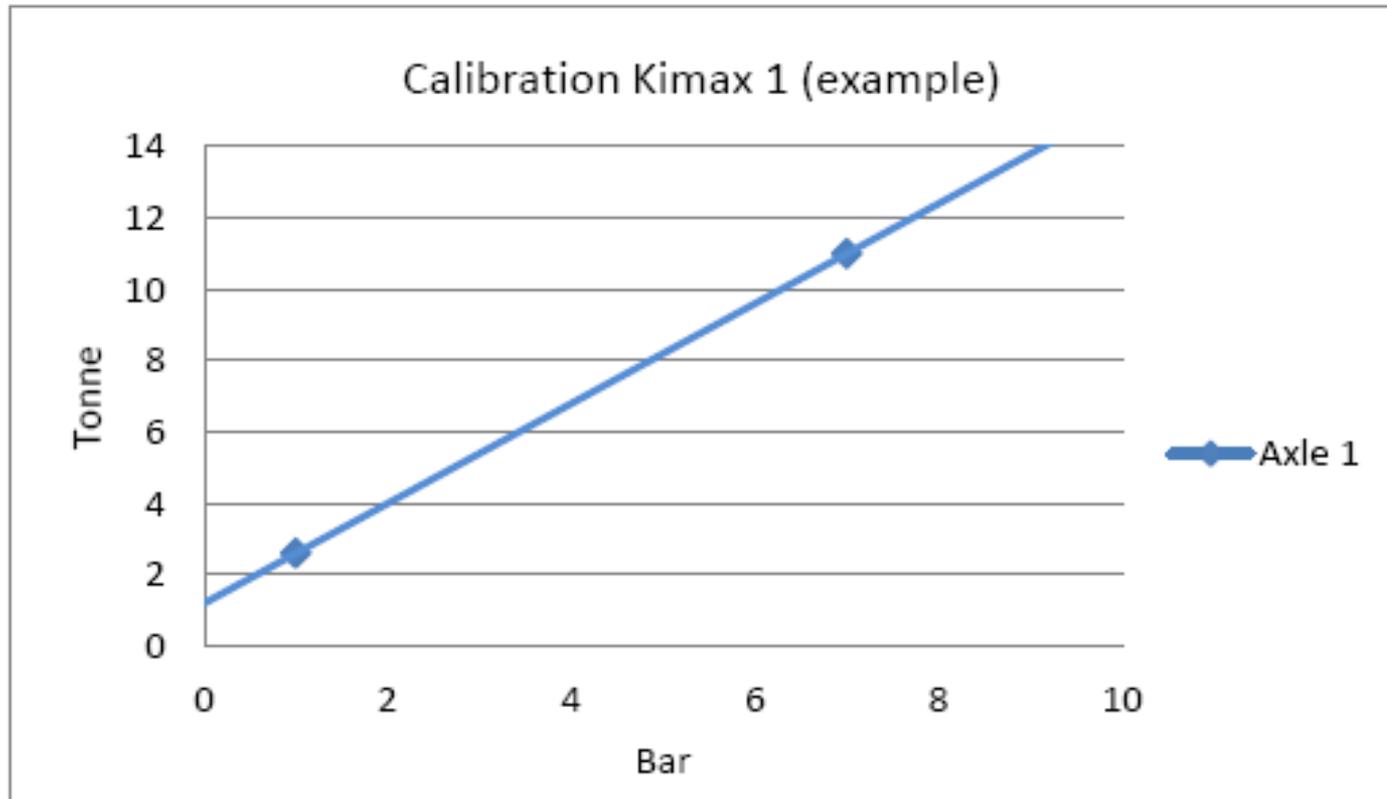
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Kimax 1, Carico su assale, semplice e veloce

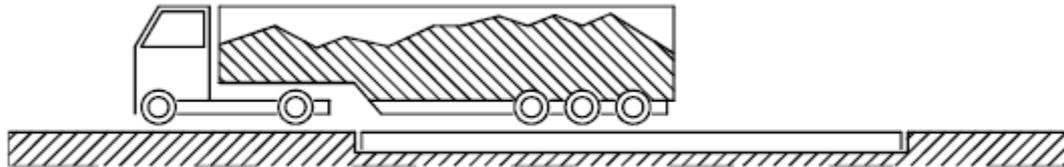


Kimax 1, Carico su assale, semplice e veloce



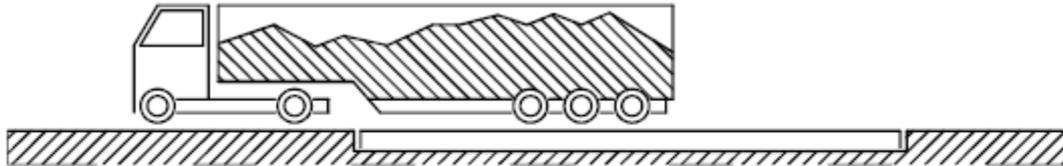
Kimax 1, Carico su assale, semplice e veloce

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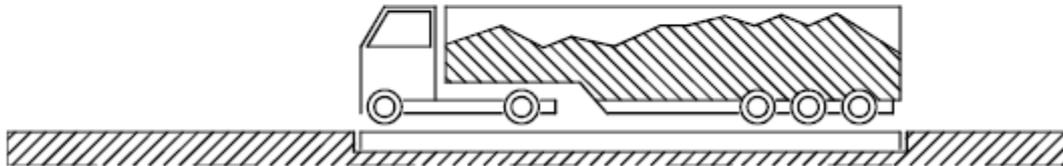


Kimax 1, Carico su assale, semplice e veloce

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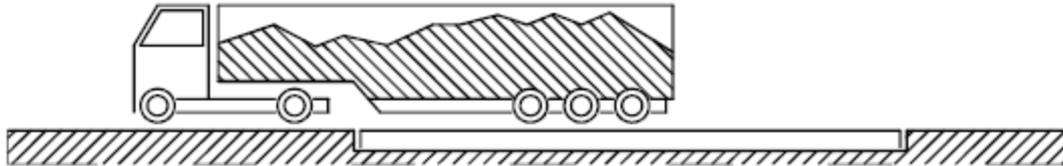


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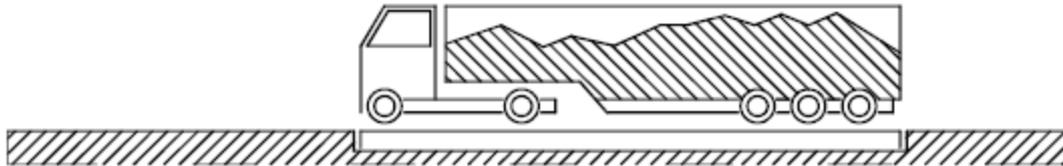


Kimax 1, Carico su assale, semplice e veloce

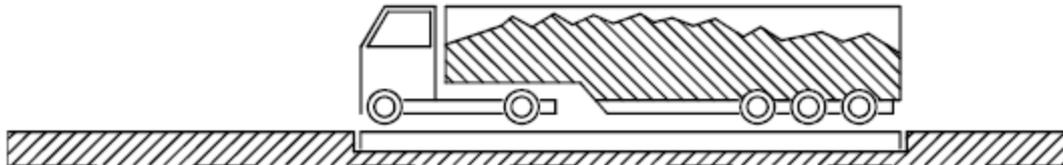
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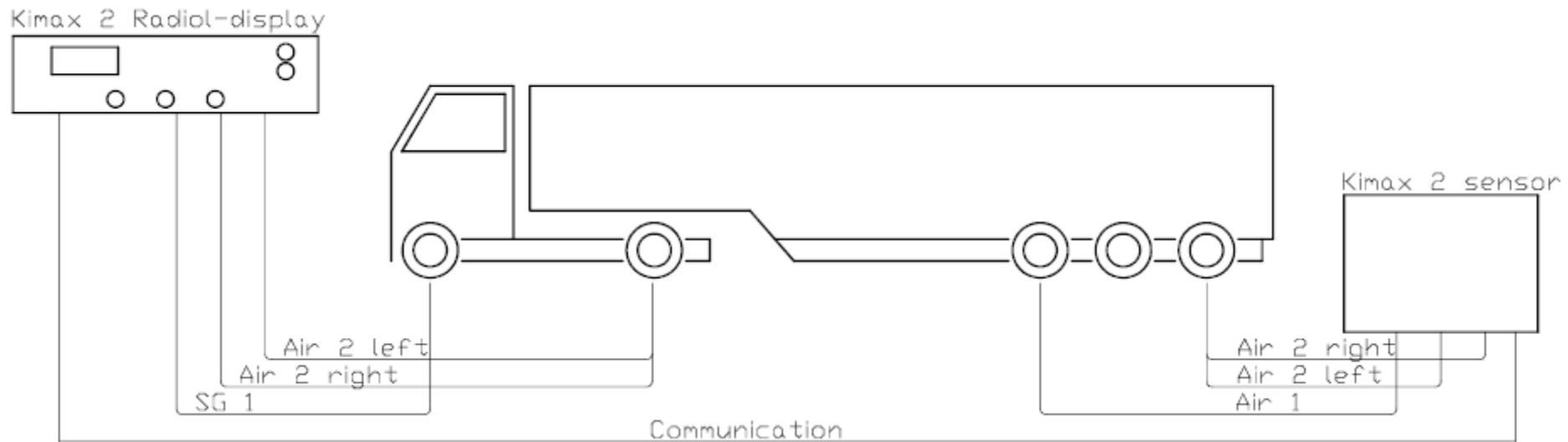
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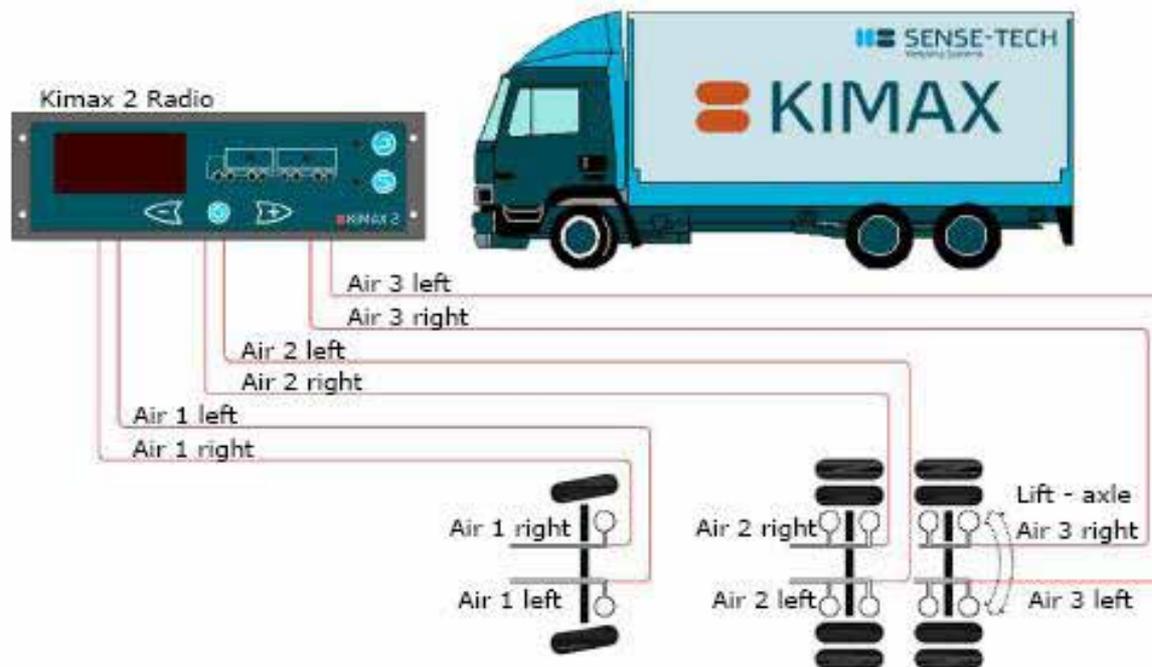
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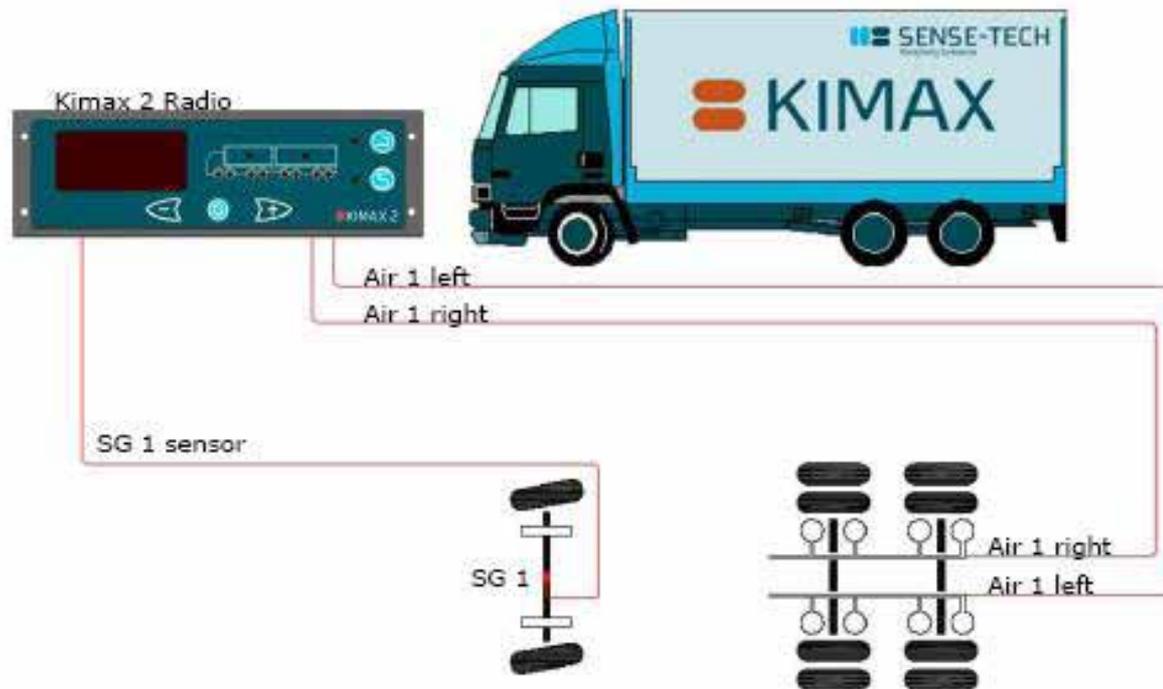
Kimax 2, pesatura on-board



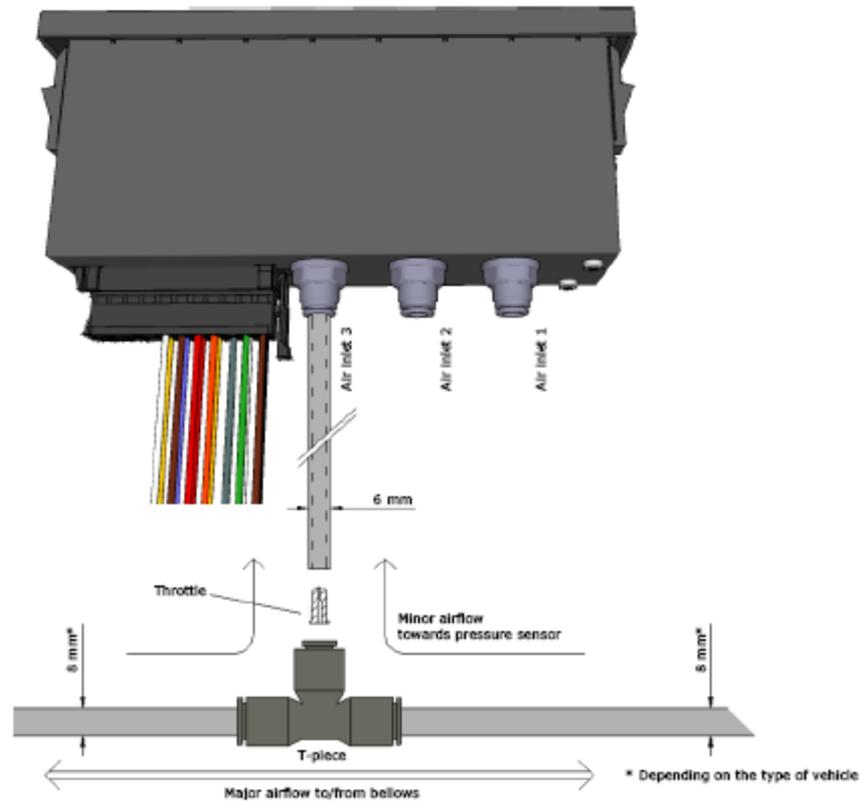
Kimax 2, pesatura on-board



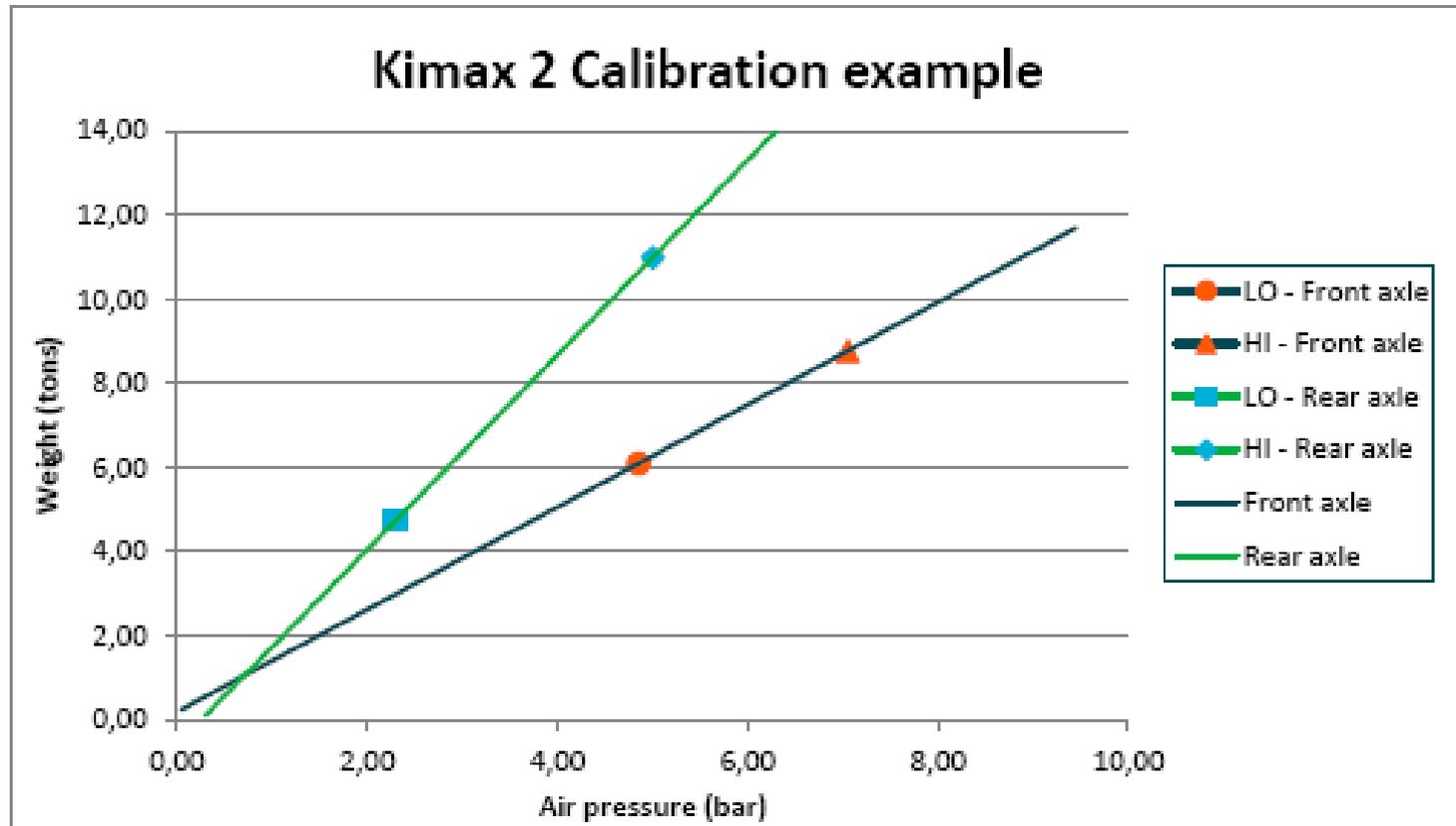
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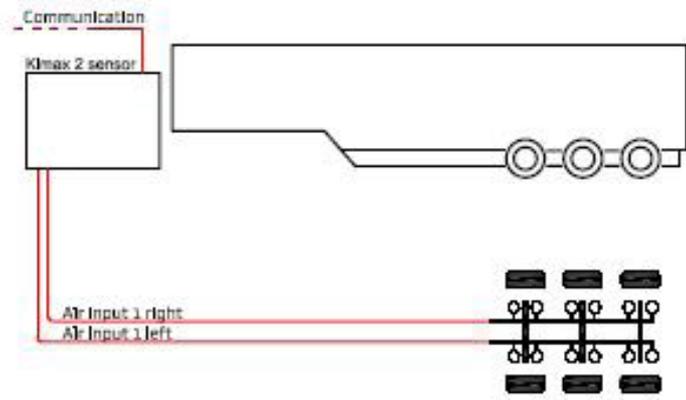
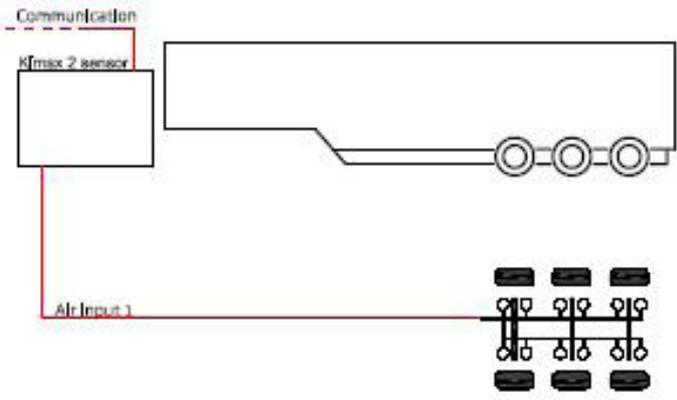
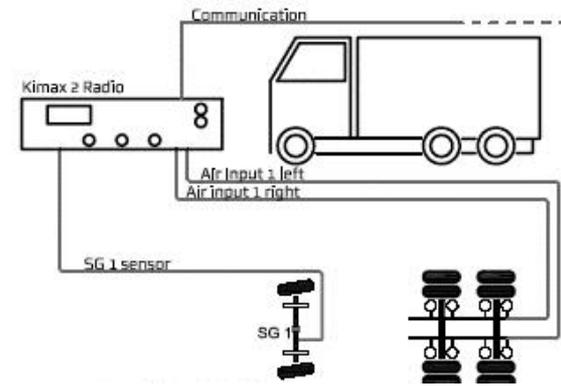
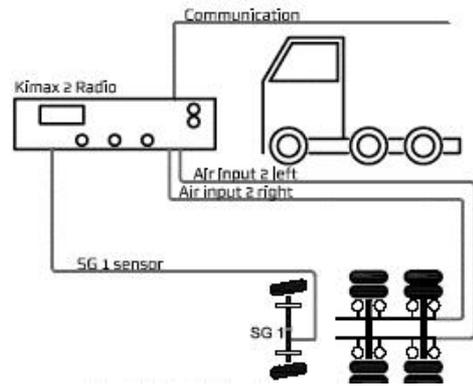
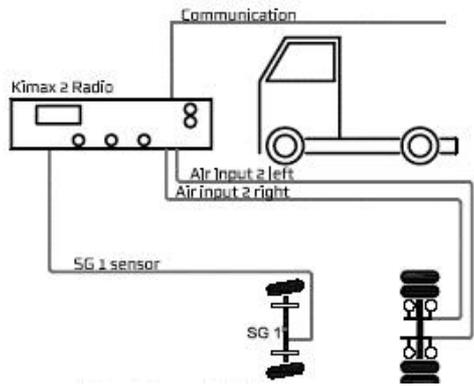
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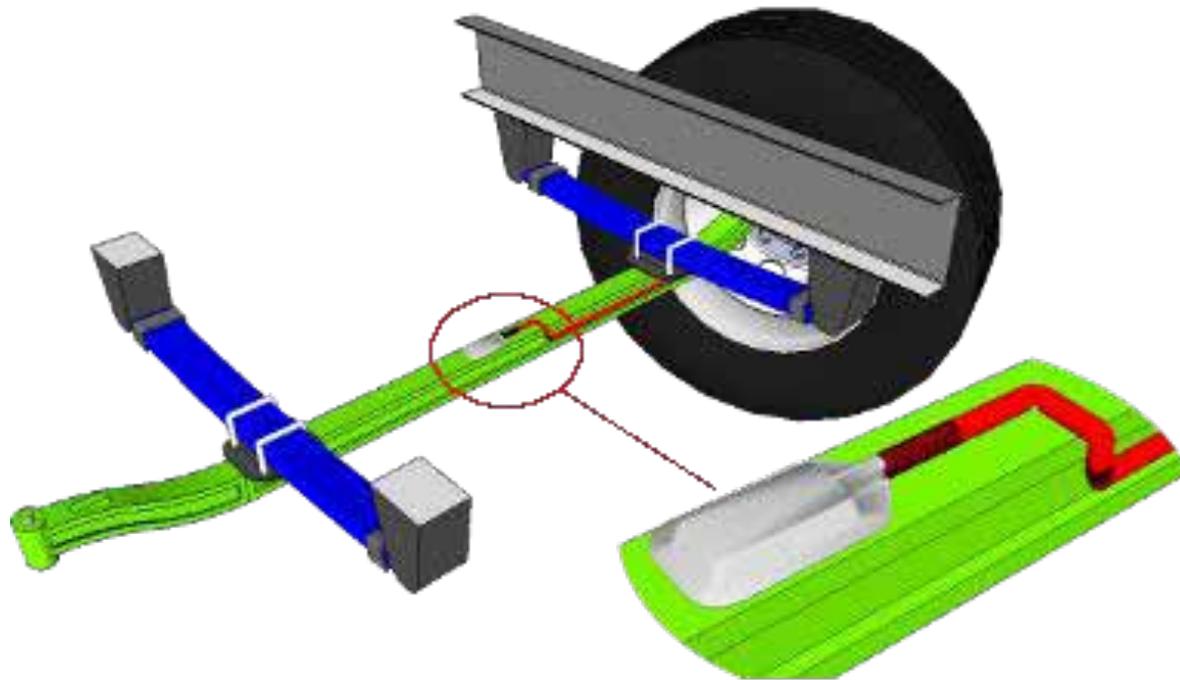
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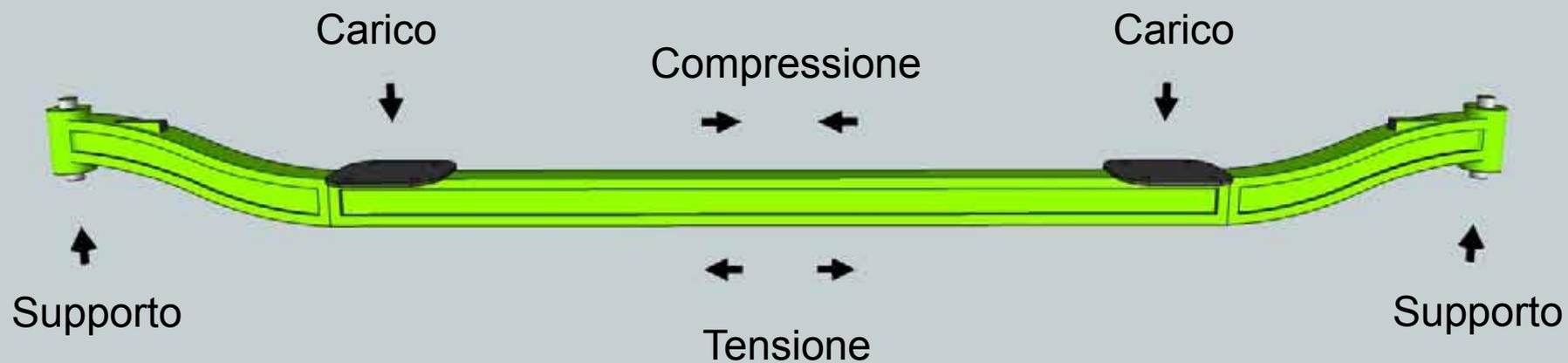


L'approccio tecnico

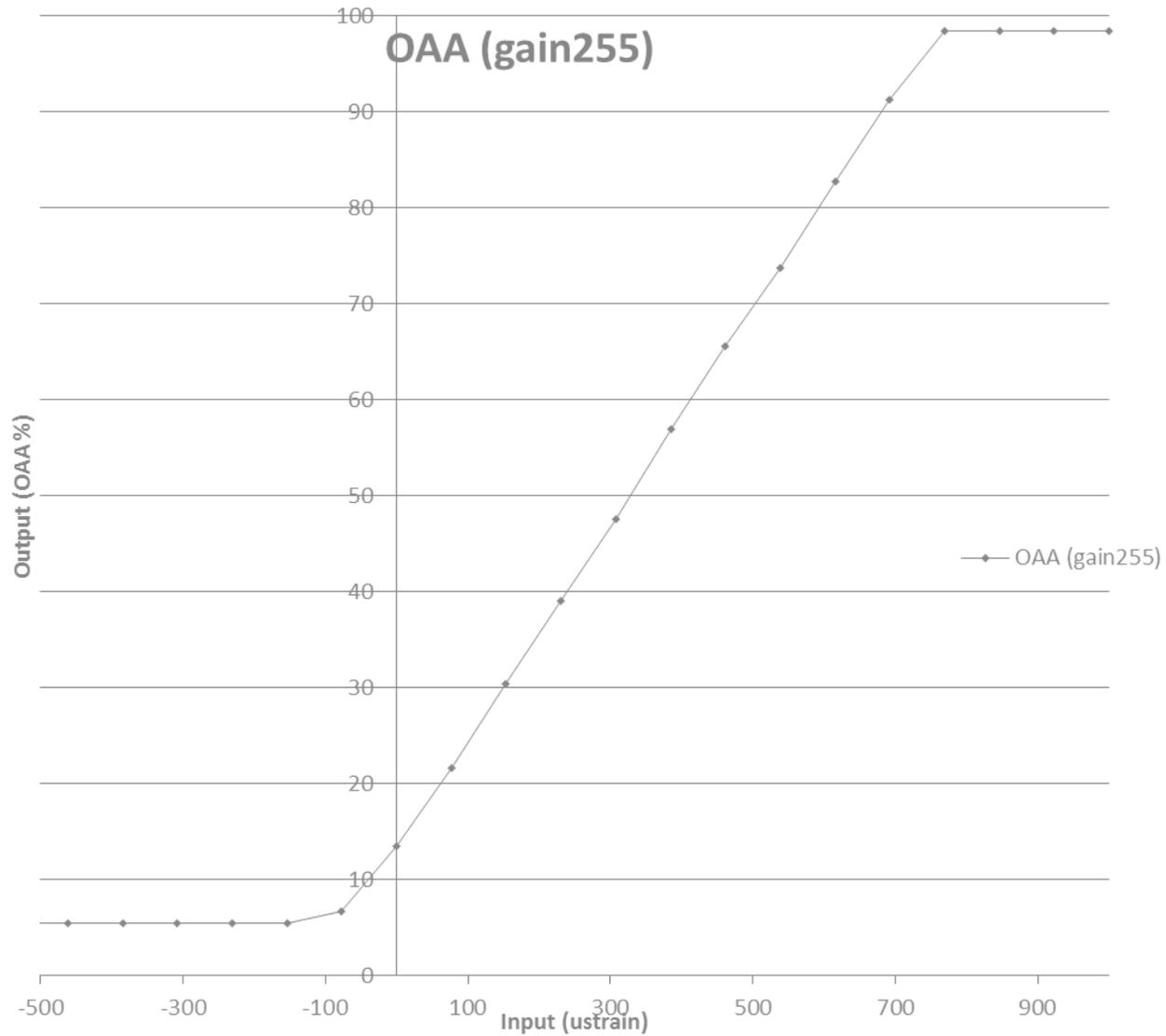


L'approccio tecnico

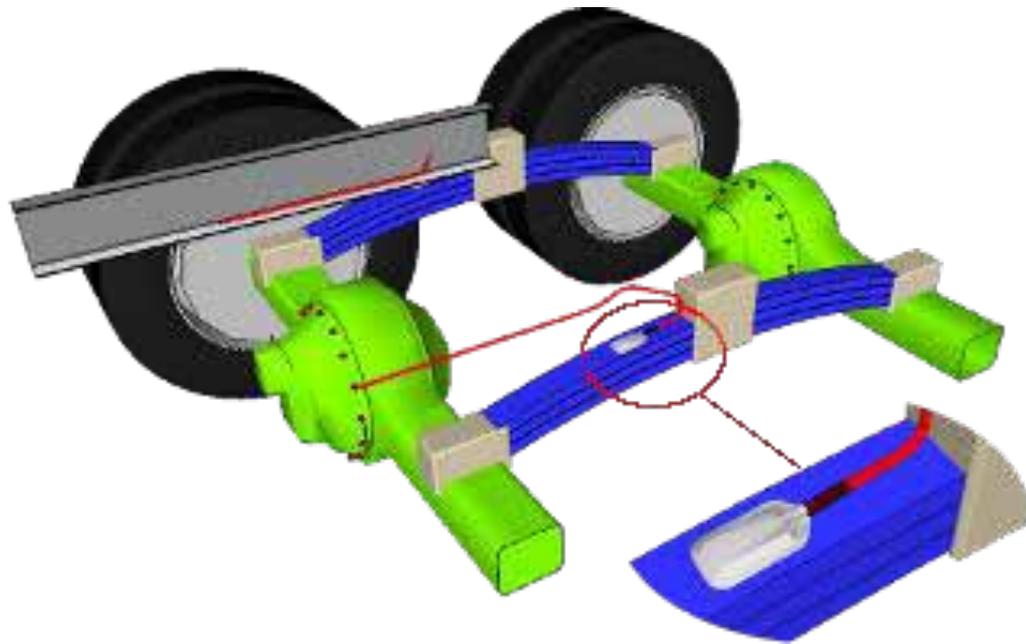
Sensore SG – Impatto carico su assale frontale



L'approccio tecnico



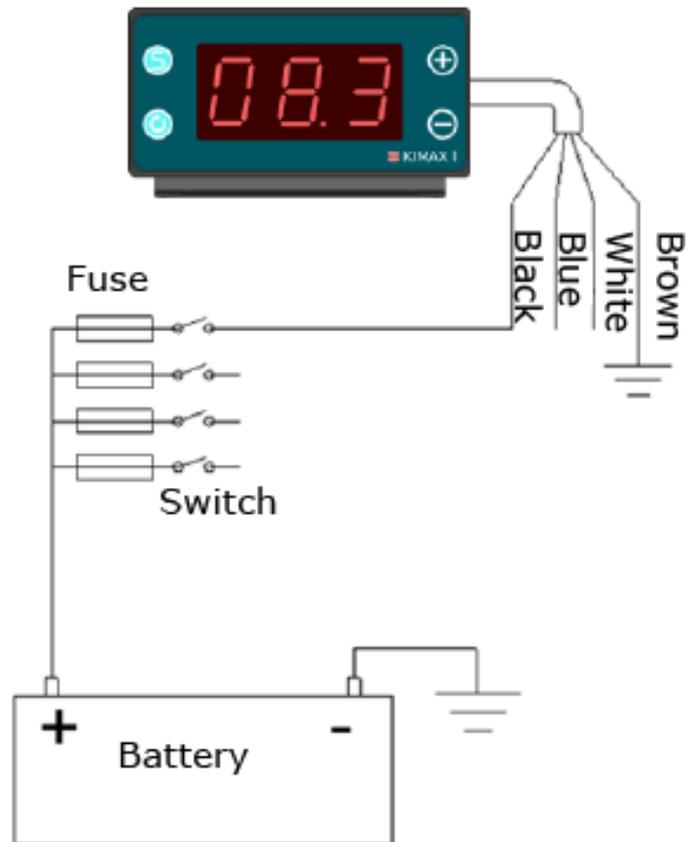
L'approccio tecnico



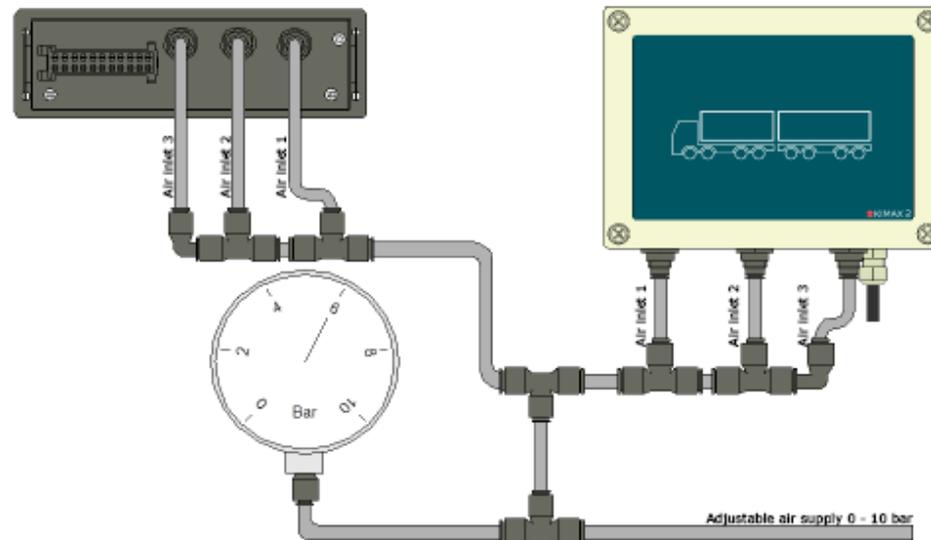
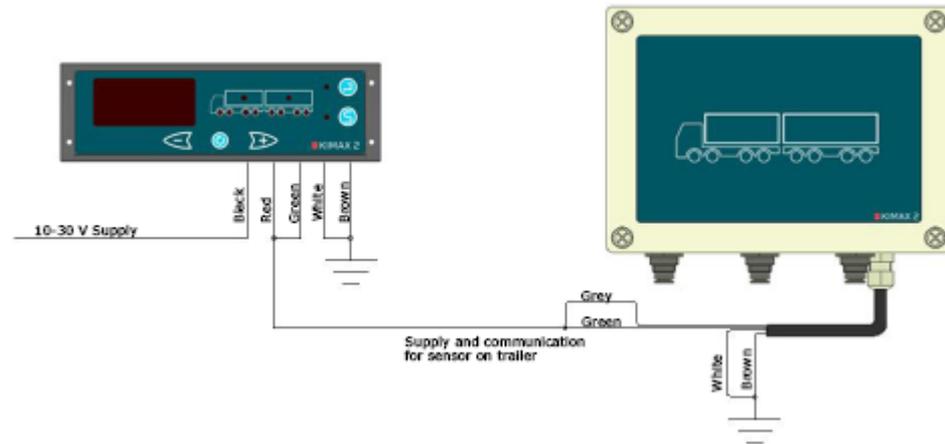
Kimax 1, Carico assale, semplice e veloce



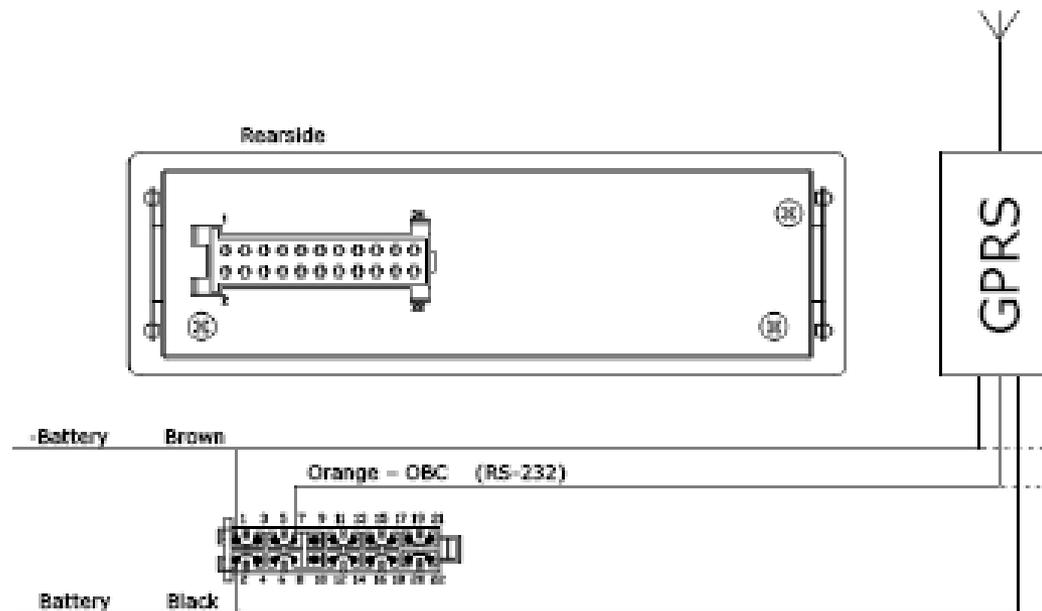
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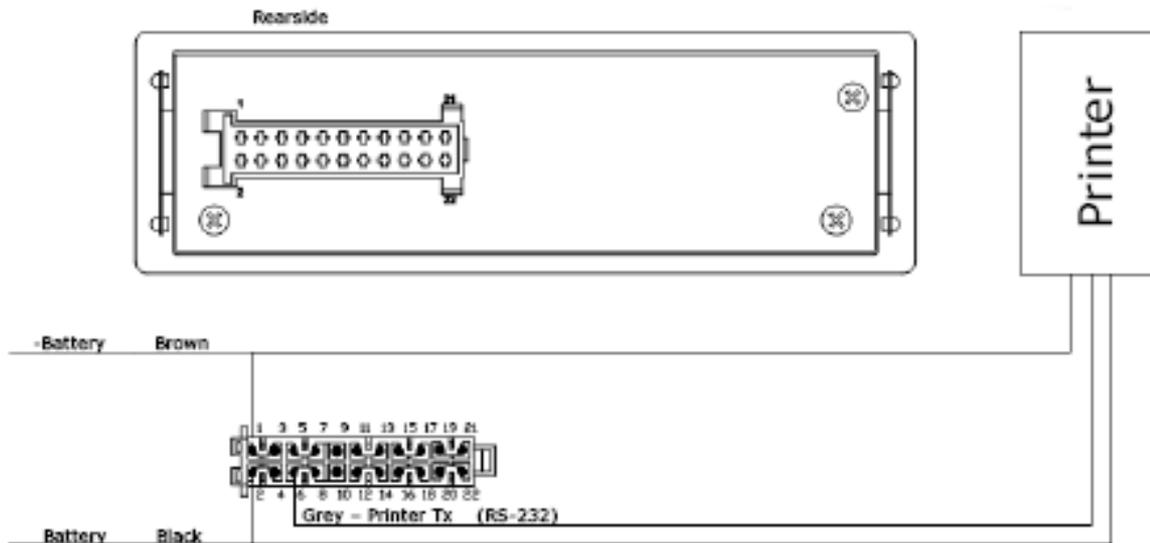
Kimax 2, pesatura on board



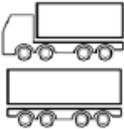
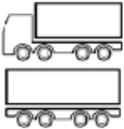
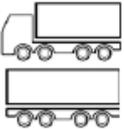
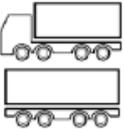
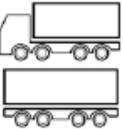
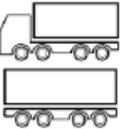
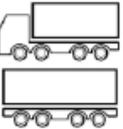
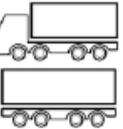
Kimax 2, pesatura on board



Kimax 2, pesatura on board



Kimax 2, pesatura on board

	Channel #1	Channel #2	Channel #3	Channel #4	Channel #5	Channel #6	Channel #7	Channel #8
OAA empty 0.00.-99.9 %								
OAA full 0.00.-99.9 %								
LO 0.00.-99.9 Ton								
HI 0.00.-99.9 Ton								
AdL 0.00.-99.9 %								
AdH 0.00.-99.9 %								
A1 0.00.-99.9 Ton								
CH								

HFA (Truck):

HFA (Trailer):

Car ident no:

Date:

Calibrated by:

Kimax 2, pesatura on board



Bisogno di pesare qualcosa? - Contattaci

Designed and measured for all vehicles

Originally, the Kimax system was developed for vehicles with air suspension. However, Kimax has been developed to support different suspension principles equally well. This enables you to have Kimax installed on a vehicle with multiple suspension principles.

The modular design of Kimax can be specifically setup on each truck to give you the overview you need to optimize your business.



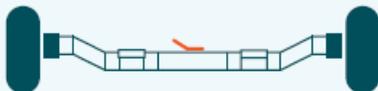
Air suspension

The classic, road-friendly suspension system. Pressure in the system pod is proportional with the weight on the axle. Weighing precision is best attained by using Kimax products with separate air inlet on both right and left air bellow on each axle.



Hydraulic suspension

Typically used on heavy-load trucks with functionality for lowering truck bed when loading. When transporting, truck bed is raised to normal position. In this position the oil pressure in the hydraulic system is proportional with the weight of the load. Often, more sets of wheels and axles are combined in one hydraulic circuit.



Parable spring

Often installed on front axles. In these situations, axle weight is measured by a SG sensor. The sensor is glued directly on the center of the front axle and measures the axle bending. Normally, one SG sensor on each front axle provides you with a measuring precision equal to axles with air suspension.

Truck



Classic truck with parable spring on front axle and air suspension on rear axle. Solution one: Kimax SG sensor for front axle and air suspension Kimax setup for rear axle. Solution two: Just Kimax air suspension on rear axle.



Tractor with trailer

Combination of tractor and trailer. Solution one (standard): Separate Kimax 1 instruments on tractor and on trailer. Solution two (advanced): Kimax 2 cabin radio panel combined with Kimax 2 sensor box on trailer for total weight overview on cabin panel.



Special forklift truck

Kimax weights have a modular design making them perfectly adaptable to special trucks. Use a Kimax solution if you need to know the exact load for optimized security or if you want to improve product and material flow.

Special carrier

Use Kimax 2 solutions for hydraulic-based dollies carrying heavy objects and heavy-load trucks. Also use Kimax 2 for roadtrains and jumbo trucks.





The freedom of On-board Load Control

Products

Truck weighing using Kimax 1 & 2 and the available accessories

How it works

Kimax uses air, mechanical & hydraulic suspensions

Support

Get the training and materials you need to use Kimax

Order now

Build your custom Kimax solution now

[Overview](#)

[Kimax 1](#)

[Kimax 2](#)

[Tracking](#)

[Accessories](#)



Build-a-Kimax®

On-board scale that fits your vehicle



Training center

Learn how to use Kimax® with our online simulator

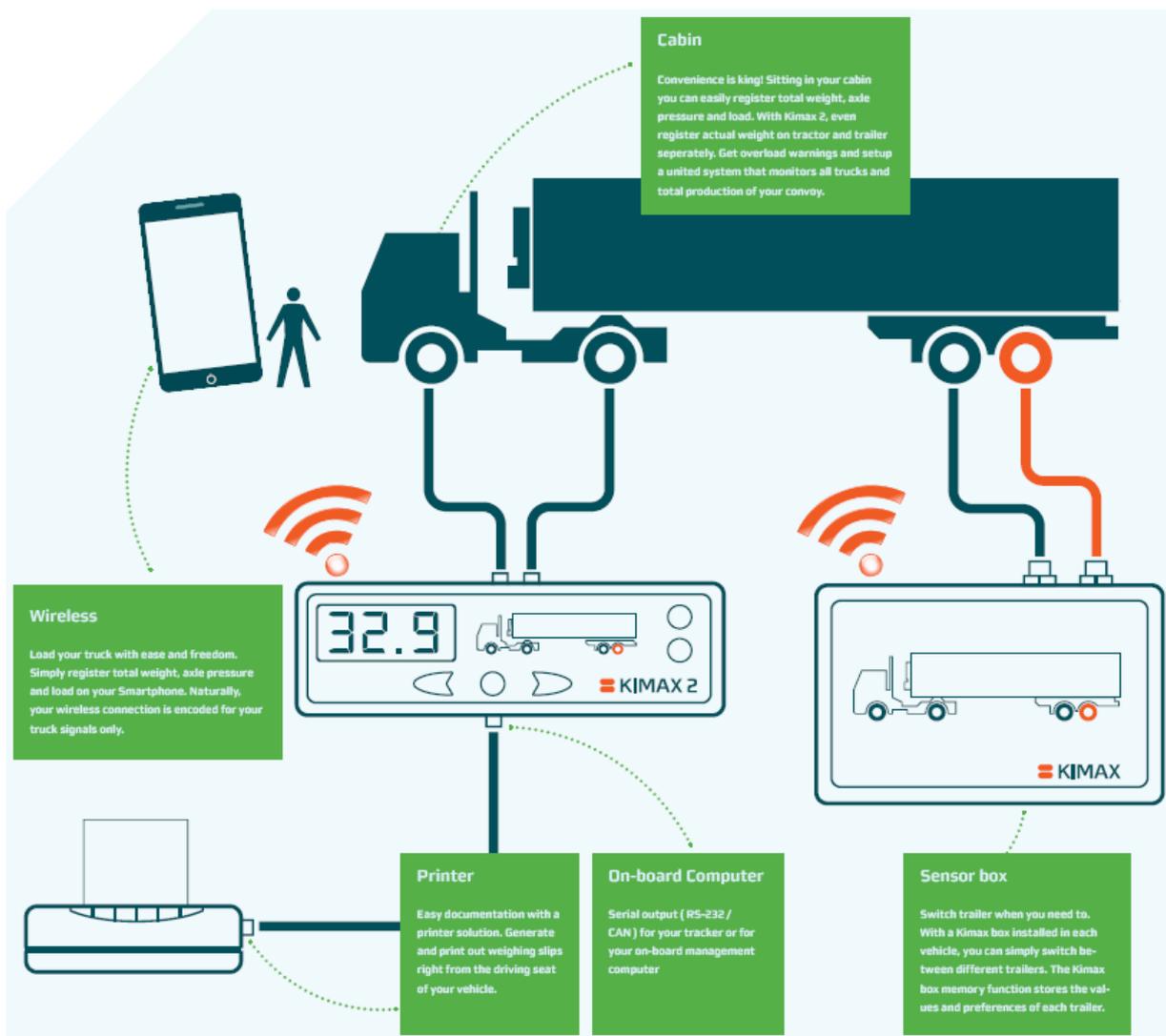


Kimax® distributors

Locate a distributor in your part of the world



The Q3 – L'approccio del 2016



Flexibility.
Tailor-made.
Precision.
Always.

Kimax is a cost-effective solution for almost all types of weighing. Get a quick overview of both truck and trailer weight – precision within 1-2 percent. Print a weighing slip. Register actual axle pressure in many ways.

The Kimax weighing system is engineered to fit your need perfectly. Kimax can be tailored for your new vehicle or your existing convoy of vehicles, regardless of product brand and age. It is all about precision and setting up a weighing system that works just right for your business. Every time. Always.

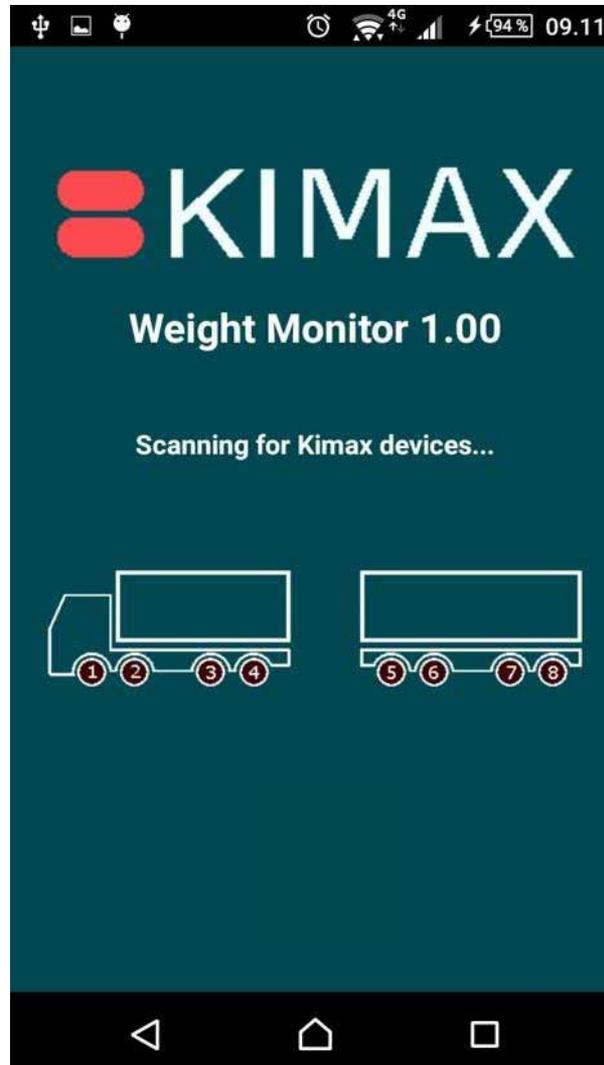
KIMAX 1

The economical, easy-to-install Instrument. Kimax 1 gives you a simple and precise overview of axle pressure, both for individual axles and axle groups.

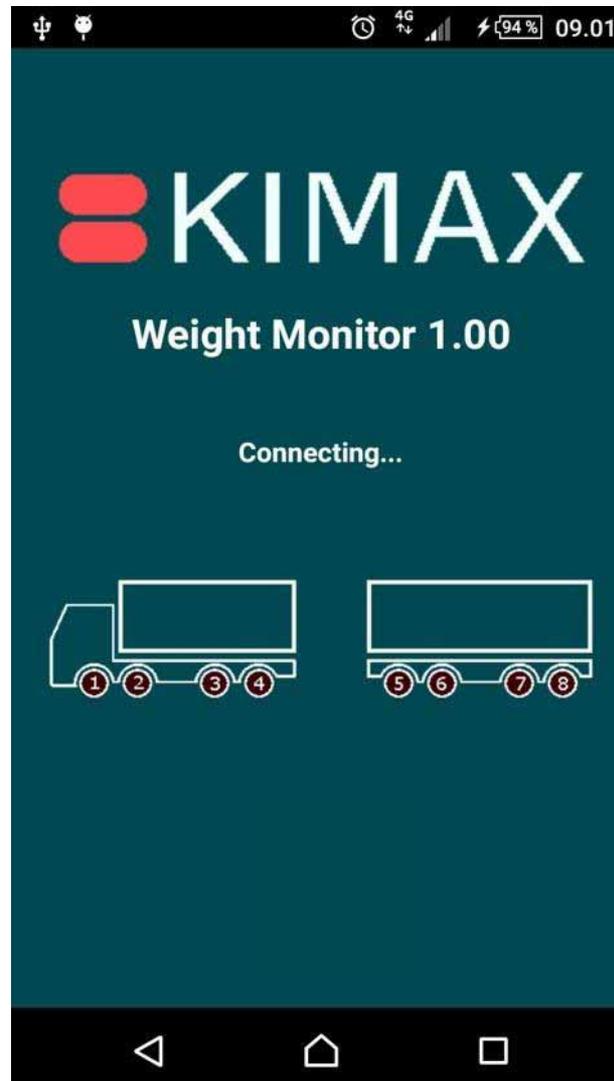
KIMAX 2

The universal system designed for maximum flexibility. Kimax 2 can be tailored to provide you with detailed overview of your vehicle total weight, load and individual axle pressure. Kimax 2 also supplies you with weighing slips for easy documentation. Kimax 2 offers more combinations regarding setup on multiple suspension systems.

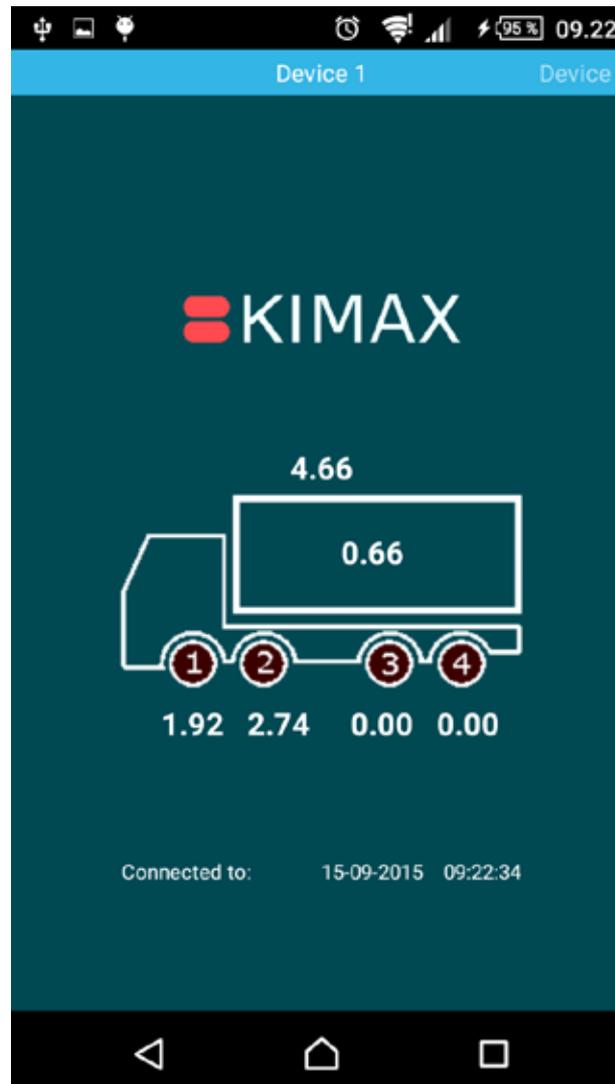
The Q3 – L'approccio del 2016



The Q3 – L'approccio del 2016



The Q3 – L'approccio del 2016



Kimax 2 Installazione su Autobus, Progetto BRT in Colombia 2004-2011: Dimma

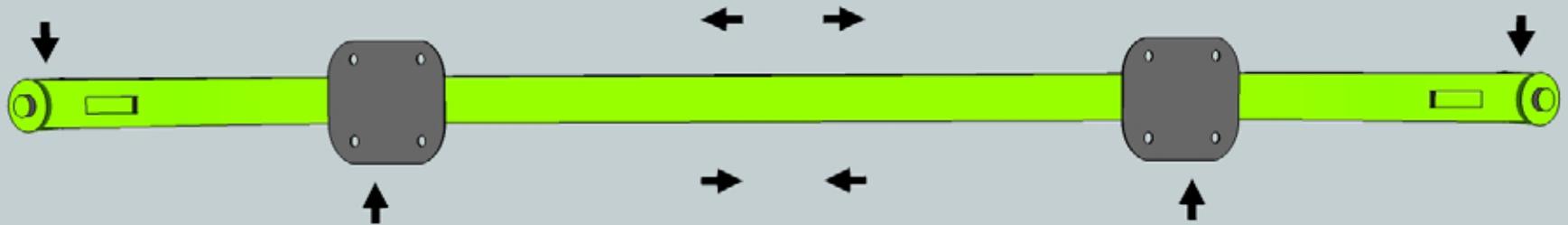
Telai da:
Volvo,
Daimler
e Buscar.



Display azionato dal braccio meccanico:



Sensore SG – Impatto movimento sull'assale frontale

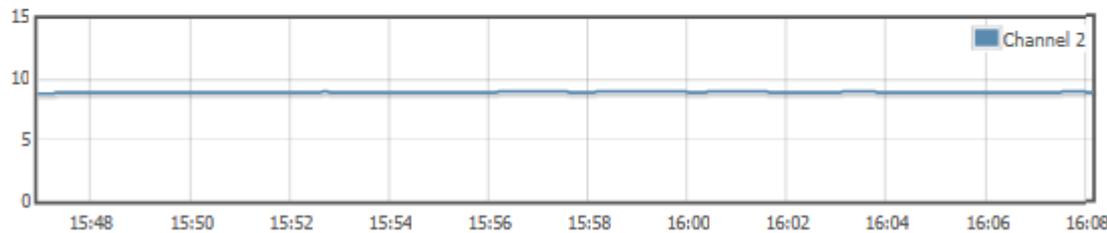
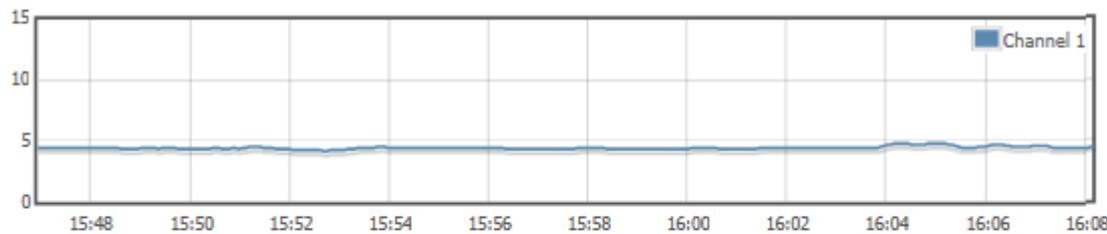
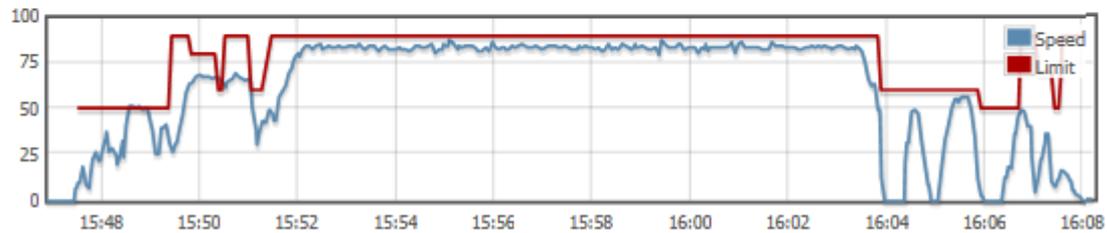


Sensore SG – Assale frontale

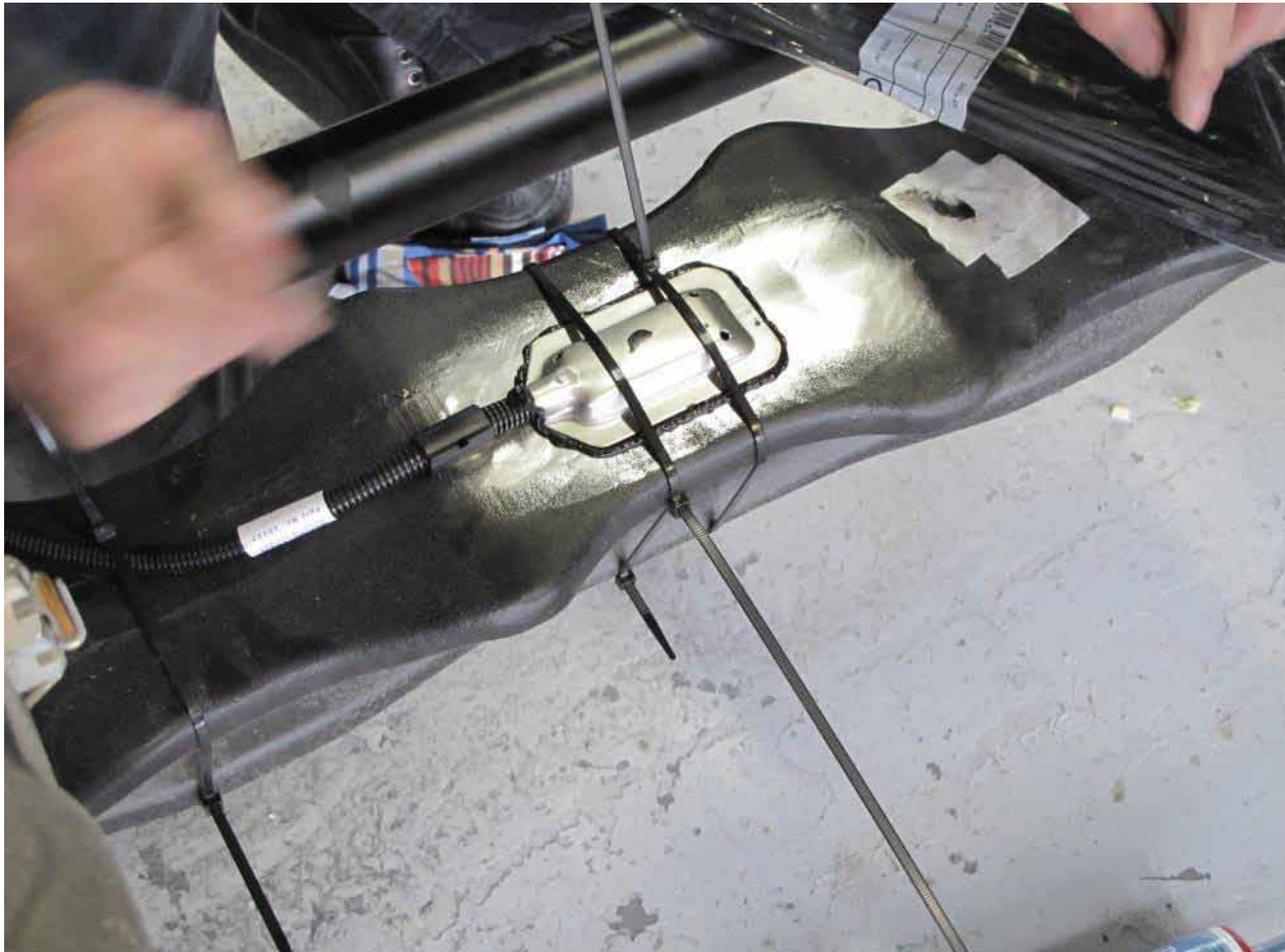


Kimax Tracking - 21.70 km trip completed in 21 minutes from Blumendorf, Stormarn, Germany to K61, Segeberg, Germany

Start Time: 15:46:55	Average Speed: 61 km/h
End Time: 16:08:15	Maximum Speed: 88 km/h
Distance: 21.70 km	Odometer: 1164 to 1185
Duration: 21 minutes	



Installazione su assale frontale



Assale posteriore: installazione sulle balestre.



Assale posteriore: Installazione sensori direttamente sulle balestre.

