



Kimax 1 & Kimax 2  
The freedom of On-board Load Control

1#

How to improve your freedom and control

# From one truck driver to another

**Truck driving is more than a job.** It is a lifestyle of freedom and adventure. Truck driving is also more than a business. It is a challenge of being on time, on track and on the money.

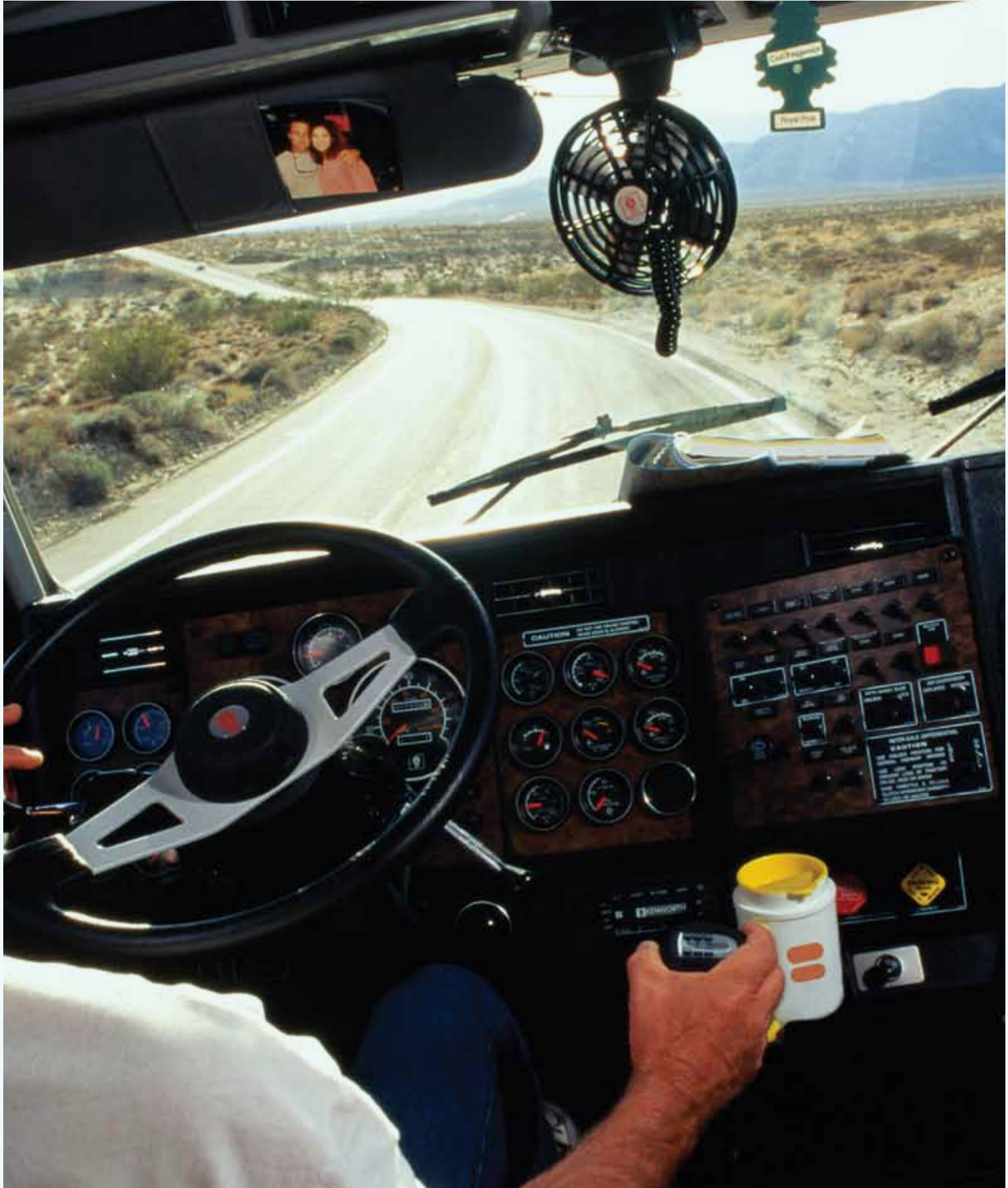
**Sense-Tech is a Danish company** dedicated to weighing systems. We know the world of truck driving. We know what truck drivers want and what businesses need. Our weighing system Kimax is designed for more precision, more control, more freedom.

**Experts and practitioners** have developed our Kimax system. From one truck driver to another: We know what it takes. Whether transporting wood in Sweden or driving a road train in the Australian outback.



## Driving with overload is money out the window

For every time truck drivers are caught with overload, penalties go up – making repeated overloads a very expensive practice.

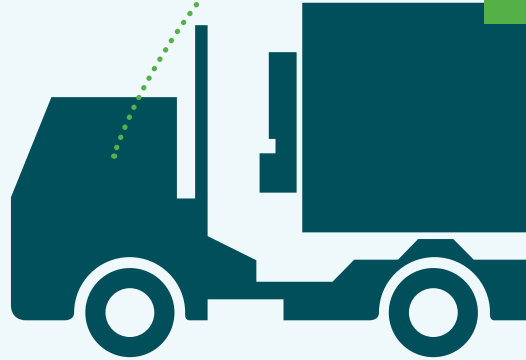
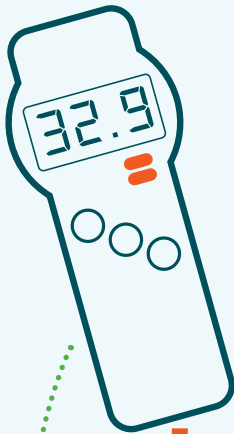


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## How Kimax systems work on your vehicle

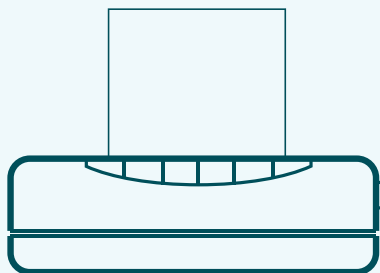
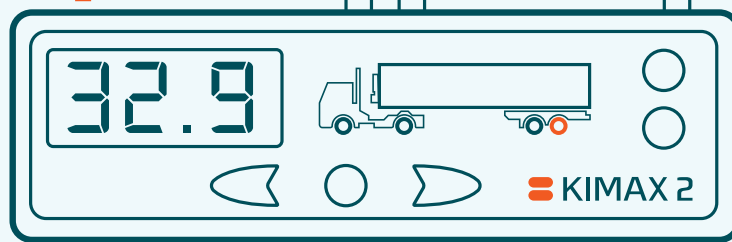
### Cabin

Convenience is king! Sitting in your cabin you can easily register total weight, axle pressure and load. With Kimax 2, even register actual weight on tractor and trailer separately. Get overload warnings and setup a united system that monitors all trucks and total production of your convoy.



### Wireless

Load your truck with ease and freedom. Simply register total weight, axle pressure and load on your wireless instrument. Naturally, your wireless terminal is encoded for your truck signals only.



### Printer

Easy documentation with a printer solution. Generate and print out weighing slips right from the driving seat of your vehicle.

### Sensor box

Switch trailer when you need to. With a Kimax box installed in each vehicle, you can simply switch between different trailers. The Kimax box memory function stores the values and preferences of each trailer.

## Authorities are tracking your truck weight automatically

All across the world, weighing stations are being built into motorways to automatically register weight. Making it a lot easier for authorities to track and fine transport companies.

# 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.

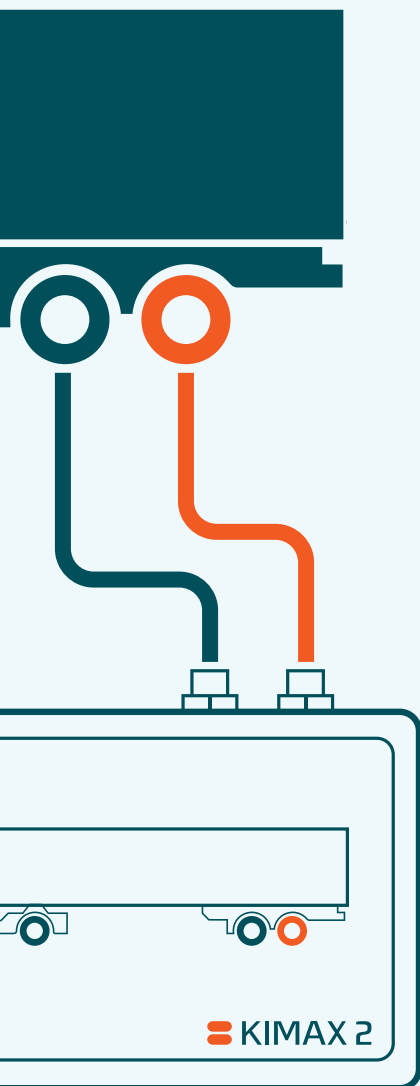
The Kimax weighing system is engineered to fit your need perfectly. Kimax can be tailored for your new vehicle or your existing convoy of vehicles, regardless of product brand and age. It is all about precision and setting up a weighing system that works just right for your business. Every time. Always.

## ≡ 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.



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How media and display enhance your performance

# Globally local



UTRECHT, NETHERLANDS

## Corn transportation without fees

In Utrecht, The Netherlands, truck drivers transporting corn between farms used get expensive fees from driving with overloads. Now, with a Kimax solution installed in vehicles, overload is avoided – and business is better.



SAO PAULO, BRAZIL

## Improving South American tourist traffic

Tourist busses commuting between Sao Paulo and Asunción are daily controlled at weighing stations. Having installed a Kimax solution from Sense-Tech, tourist busses experience less wasted time and delays. And more happy customers.



## Deep ruts caused by heavy trucks cost lives

Every year, deep ruts in the roads caused by overloaded trucks cost lives. Especially motorcyclists are exposed to danger.

### AUSTRALIA

## Staying within limits in the Australian outback

Road trains up to 36 meters are often used in Australia. Kimax solutions ensure these giant transports stay within limits of weight and keep deadlines despite the vast distances they have to travel.



### DENMARK & GERMANY

## Large goods vehicles managing timeslots

Transporting wind engine rotors from Denmark to Germany, truck drivers can only drive within narrow timeslots. A Kimax solution installed saves the large goods vehicles from police control and extremely costly delays.



### SWEDEN

## Improvement of safety in the Swedish wood business

With a Kimax solution mounted on all wood transport trucks, Swedish truck drivers can finally avoid overloading their trucks. The result is improvement of safety and greater satisfaction for both truck drivers and fellow traffickers.



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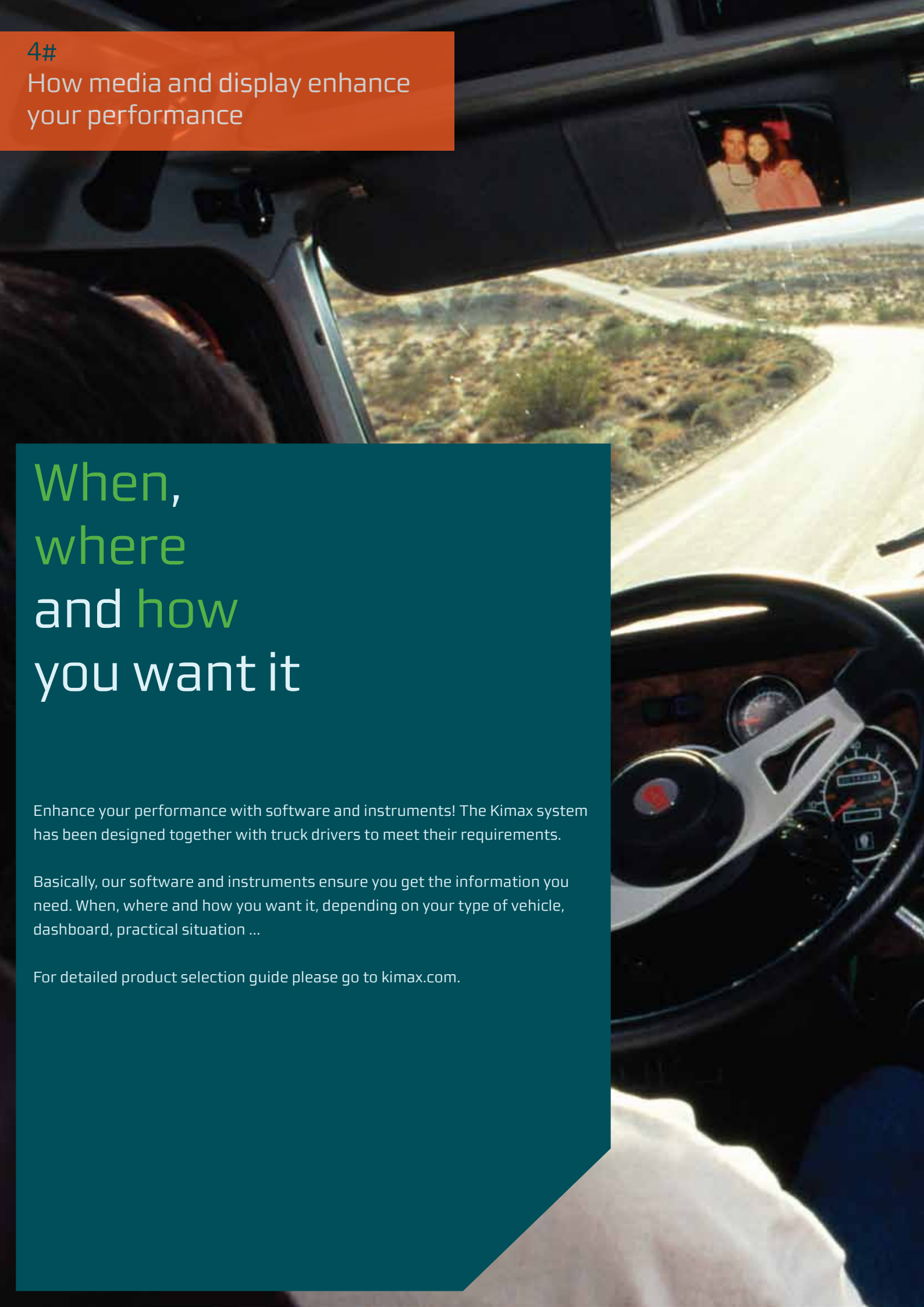
How media and display enhance  
your performance

# When, where and how you want it

Enhance your performance with software and instruments! The Kimax system has been designed together with truck drivers to meet their requirements.

Basically, our software and instruments ensure you get the information you need. When, where and how you want it, depending on your type of vehicle, dashboard, practical situation ...

For detailed product selection guide please go to [kimax.com](http://kimax.com).



## Kimax 1 Cabin

For economical and handy supervision of axle load of your vehicle. Directly on your dashboard, displays total weight for one axle or an axle group.



## Kimax 1 Trailer

Waterproof trailer directly mounted outside on the chassis of trailer or semi-trailer. See total weight for one axle or an axle group.



## Kimax 1 Hydraulic

Sensor for heavy load vehicles equipped with hydraulic suspension. Also for loading equipment such as forklifts.



## Kimax 2 DIN radio panel

Adaptable instrument for supervision of load on all axles on your carriages. Seamless fitting into your cabin. Customized for all KIMAX accessories for your individual layout, including swapping between different trailers.



## Kimax 2 Universal

Instrument equal to DIN radio panel functionality, however specially invented for panel mounting.



## Kimax 2 Sensor

Sensor placed on the chassis sensor box. Enables easy communication with the DIN radio panel and the Universal display instrument.



## Accessories Wireless

The choice for enhanced freedom and flexibility. Load your vehicle, even when you are on the top of tank trailer.



## Accessories Printer

Print hard copies of your actual load for easy and effective documentation.



## Accessories SG sensor

For vehicles equipped with parable or leaf springs on one or more axles.



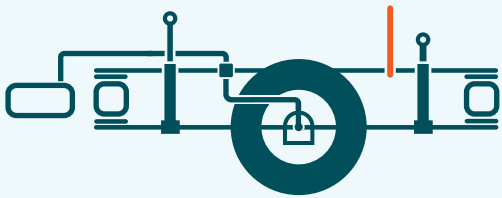
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## How Kimax systems support different measuring principles

# Designed and measured for all vehicles

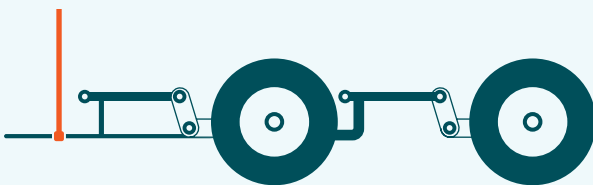
Originally, the Kimax system was developed for vehicles with air suspension. However, Kimax has been developed to support different suspension principles equally well. This enables you to have Kimax installed on a vehicle with multiple suspension principles.

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



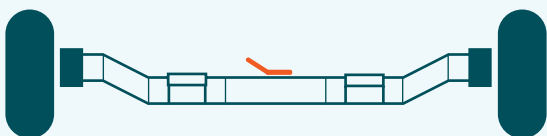
### Air suspension

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 drivers have their driving licenses revoked

Truck drivers who are repeatedly caught driving with overloads have their driving licenses revoked by the authorities. They often lose their jobs, and transport companies lose good employees.

### 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.



## Have something to weigh? Call us today!

Call us today to learn more about the Kimax system and how it can be tailored to your business. The company behind the Kimax system, Sense-Tech Weighing Systems, has based its research and development on continuous collaboration with experts and practitioners.

**Your call is our job.**

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**E-mail: [mail@sense-tech.com](mailto:mail@sense-tech.com)**

*Sense-Tech Weighing Systems are used all over the world. From the hectic harbours of Amsterdam to the dusty outback of Australia.*

*And everywhere in between.*

 **SENSE-TECH**  
Weighing Systems