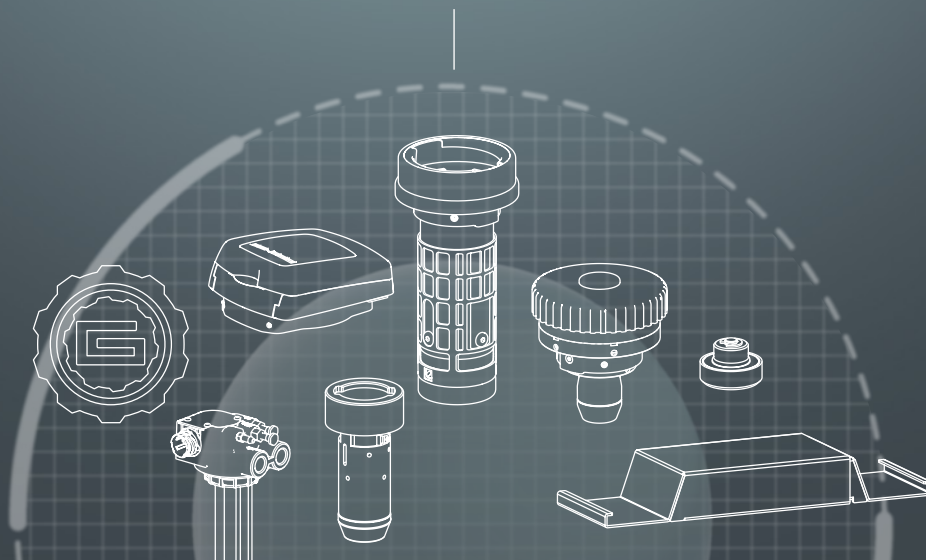


GENESIS

FORGING THE FUTURE

FUEL MANAGEMENT SOLUTIONS



FORGING THE FUTURE

BY ACTING TODAY ON A UNIQUE RECIPE OF VISION, CREATIVITY, ANALYSIS AND ENGINEERING:

ENGINEERED EFFECTIVENESS AT THE SERVICE OF EFFICIENCY

IS THE MANTRA BY WHICH GENESIS WORKS IN ITS DEDICATION TO PROVIDE EFFECTIVELY ENGINEERED

SOLUTIONS THAT SAFEGUARD OPERATIONS AND OPERATORS ALIKE,

WHEREVER FUEL DRIVEN HEAVY VEHICLES AND WORK MACHINERY ARE INVOLVED.

GENESIS
FORGING THE FUTURE



Over the years GENESIS has accumulated a deep and varied experience of this sector, of the numerous variables which road transport operations and heavy equipment operators face in their day to day ambition to be competitive and effective, hence to SUCCEED.

Such experience is expressed in single products or combined solutions: GENESIS sets the benchmark where fuel proves just too precious to be left to chance.

Aware of the increased competitiveness of the overall context of transportation sectors spanning logistics, waste management, civil engineering, public transport and agriculture, GENESIS melds simplicity with effectiveness into sustainable solutions, voted to protect and manage fuel by concentrating all value where it truly makes a difference.

Our keen understanding of real world issues which lie both at the front end of R&D, in the technologies we can rely on for better products, and in later bringing the result of our efforts to the market, has revealed a unique opportunity: to generate hardware dedicated to managing fuel, preventing theft and increasing overall efficiency.

THIS IS NOW THE REALM IN WHICH GENESIS OPERATES,
A REALM IN WHICH FEW OTHERS CAN CHALLENGE THE STANDARDS,
WHICH HAVE NOW BEEN ESTABLISHED.

THE RIGHT COMBINATIONS TEMS FROM THE RIGHT QUESTIONS

WHAT CONSTRAINTS ARE PRESENT
AROUND THE TANK?

Low freight deck, space constraints, tank
neck shape, etc.

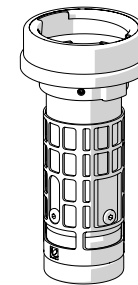
WHAT IS THE BRAND AND THE MODEL
OF THE VEHICLE?

This determines the fixing attributes of
KOCKÒN device.

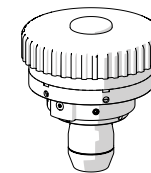
WHAT TYPE OF CLOSING/LOCKING
REQUIREMENTS ARE THERE?

Conventional caps, low profile caps, self
closing anti loss caps, smart caps, and
various combinations thereof.

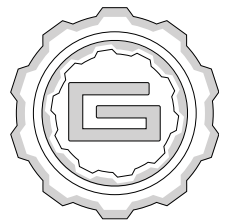
The last of these decisions is reversible, as the MACH II system provides for the possibility of adopting new solutions even after the first installation, as new technologies become part of the system or as the context evolves.
All this without the need to replace the KOCKÒN, which often constitutes the most substantial part of the investment.



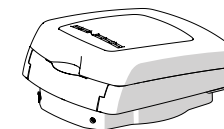
KOCKÒN
PAGES 4-5



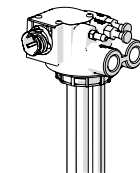
MACH II MODULAR SERIES
PAGES 6-7



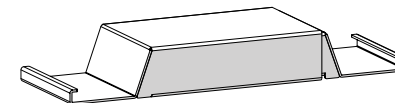
TELEMATIC CONVERGENCE
PAGE 11



ZIPPER
PAGES 12-13



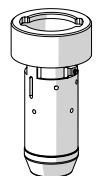
FUEL CONTROLLER
PAGES 14-15



SENSARMOUR
PAGE 16



STROPOL
PAGE 17



KOCKÒN VX
PAGE 18

GENESIS
FORGING THE FUTURE



This catalogue provides the descriptions and features of all GENESIS products. Features and specifications which are subject to change without notice.
All the latest technical specifications sheets are available at www.lagogenesis.it

24/7 FUEL PROTECTION

In 2008 we launched KOCKÒN internationally.

KOCKÒN is still today the most effective family of devices for protecting fuel.

It represents the standard in preventing theft of diesel fuel from industrial and commercial vehicles.

Science shows that improvement often comes with investment, so in developing the new KOCKÒN products our research has focused on enhancing each of the 3 main factors that characterise an effective fuel protection device:

SECURITY SIMPLICITY AND RELIABILITY FUNCTIONING AT HIGH FLOW RATES

KOCKÒN IS THE FUEL PROTECTION DEVICE

It is recognized internationally as the solution with the highest standards in preventing fuel theft from the tanks of industrial and commercial vehicles. Kockòn is not simply a deterrent against the misappropriation of fuel from tanks, but thanks to its internal geometry, total absence of holes and cracks, and proven robustness, it protects your fuel from the first drop to the last!

The new version Kockòn 105, renewed and adapted to new tank conditions, is universal and therefore compatible with most vehicle tanks of European makes.



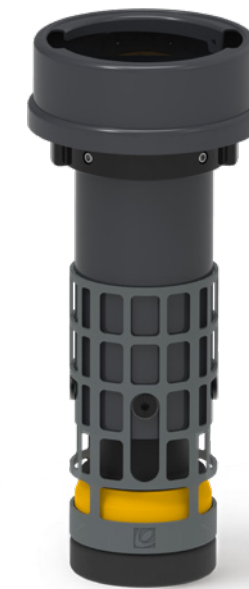
COMPATIBLE WITH
95%
OF EXISTING ORIGINAL
OEM FUEL CAPS

A PREVIEW OF
THE ROBUST CORE
OF OUR TIME TESTED
TECHNOLOGY.

INSTALLATION: AS EASY AS!



Kockòn is installed easily through a simple patented system which only requires you to insert and twist the device until it locks:
NO DRILLINGS - NO SCREWS - NO RIVETS - NO ADHESIVES - NO SEALANTS are necessary.



KOCKÒN 105

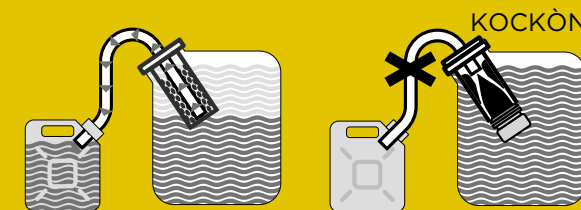
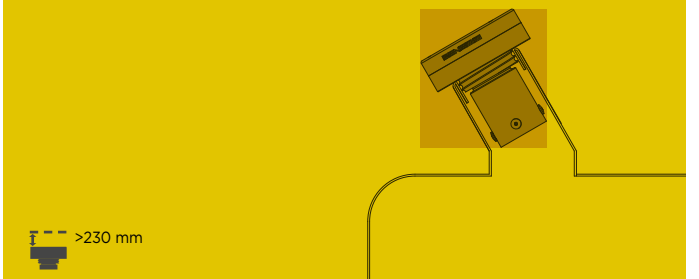


KOCKÒN 80

Typical conditions where the KOCKÒN barrel is wetted by the fuel. The float prevents fuel siphoning from the upper part of the tank.



Dedicated to situations where the length of the KOCKÒN barrel is imposed by the shape of the tank inlet.



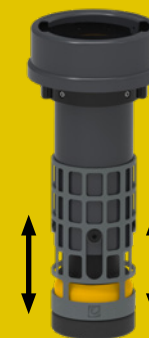
UNPARALLELED PROTECTION

Complete absence of holes or slits large enough to allow the introduction of pipes, probes or other devices for the unauthorised siphoning of fuel.



QUICK REFUELLING

Thanks to the innovative internal geometry, the fuel flows without creating disturbing turbulence, drastically preventing reflux and backflow.



FLOAT WITH PROGRESSIVE CLOSURE

The float with which some KOCKÒN models are equipped protects the entire fuel level contained in the tank, from the first drop to the last.

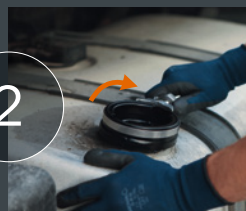
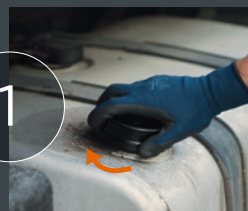
WHEN AN EFFECTIVE TECHNOLOGY BECOMES A "SYSTEM"

About 10 years after KOCKÒN began to meet the satisfaction of its now loyal user base, the need for fuel management underwent a substantial evolution, generating a demand for additional functionality both on board vehicles and on the ground. Penetration into geographically heterogeneous markets also dictated the need for very specific and often different solutions. GENESIS' response to this evolving environment is MACH II, a system composed of modules that, when assembled in different combinations, provide a range of solutions under different conditions that are dictated by the characteristics of the vehicles combined with the nature of the specific needs of fleets and operators.

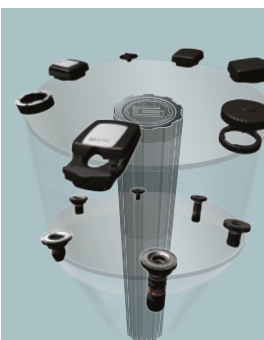
Before this innovative approach was implemented, it was the vehicle brand that determined which device to use but a large number of vehicles with less than ideal conditions around the tank remained uncovered. With the advent of MACH II and the ambition to provide adequate coverage for 100 per cent of vehicles and conditions, we have introduced a sequence of decisions to approach the product configuration that best suits a specific context.



INSTALLATION: AS EASY AS!



Kockòn MACH II is installed easily through a simple patented system which only requires you to insert and twist the device until it locks:
NO DRILLINGS - NO SCREWS - NO RIVETS - NO ADHESIVES - NO SEALANTS



TRANSFORM - ABLE UPGRADE READY

TRANSFORM-ABLE and UPGRADE READY are features that allow KOCKÒN's mechanical devices, mounted on the tank filler, to be combined with innovative complements, either at first installation or later.



NEED FOR A MACH II UPGRADE KIT

All KOCKÒN MACH II base modules must be completed with the upgrade kit best suited to the needs of the operator. See MACH II - CAP KITS on the following pages.

KOCKÒN MACH II BASE MODULES TRANSFORM-ABLE



ULTIMATE
KOCKÒN MACH II -
ULTIMATE MODULE

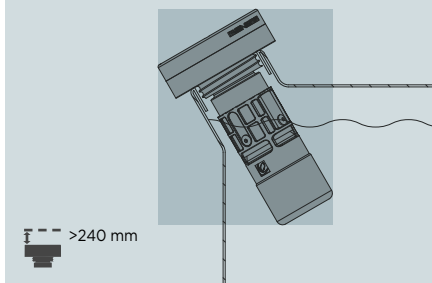


SB
KOCKÒN MACH II -
SHORT MODULE

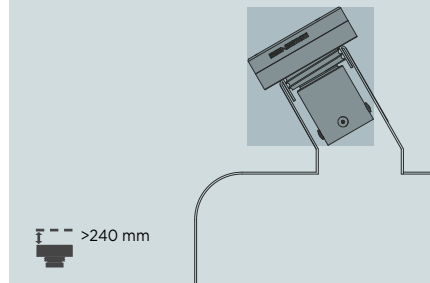


XL
KOCKÒN MACH II -
EXTRA-LOW MODULE

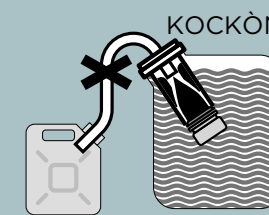
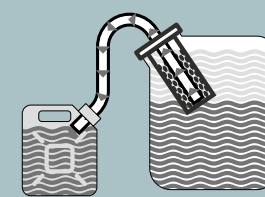
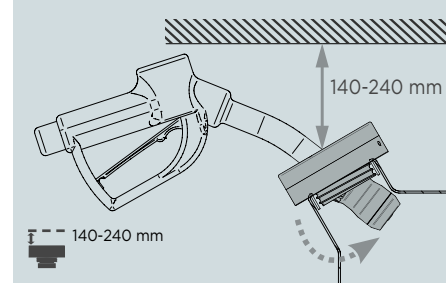
Typical conditions where the KOCKÒN barrel is wetted by the fuel. The float prevents fuel siphoning from the upper part of the tank.



Dedicated to situations where the length of the KOCKÒN barrel is imposed by the shape of the tank inlet.

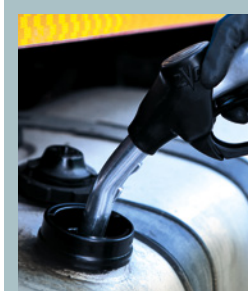


Especially suitable for all situations where there are external conditions that affect the positioning of the fuel nozzle.



UNPARALLELED PROTECTION

Complete absence of holes or slits large enough to allow the introduction of pipes, probes or other devices for the unauthorised siphoning of fuel.



QUICK REFUELLING

Thanks to the innovative internal geometry, the fuel flows without creating disturbing turbulence, drastically preventing reflux and backflow.



FLOAT WITH PROGRESSIVE CLOSURE

The float with which some KOCKÒN models are equipped protects the entire fuel level contained in the tank, from the first drop to the last.



SPECIAL VERSIONS FOR INTERFACING WITH IN-HOUSE REFUELLING PUMPS

Special versions with the newly added functionality dedicated to the automatic recognition of in-house fuel pump guns, for the management of controlled dispensing (RFID system).

CAP KITS: QUICK-LOCK OPTIONS TO COMPLETE THE KOCKÒN MACH II BASE MODULE

Each solution addresses specific working conditions: the MODULARITY is the answer!

For their first installation on tanks, KOCKÒN MACH II base modules must in fact be completed with CAP KIT modules, which can later be changed and upgraded to meet a variety of very specific performance options arising from evolving operational needs or technical requirements of vehicles.

CONVENTIONAL CAP KITS

Conventional Caps Kits are for those who prefer rotating caps, lowered or not, with or without lock.

PL CAP

Standard 2-point bayonet type 105 locking kit. Includes a low profile locking cap and a bunjee chain allowing cap to dangle when open.



XXL CAP

Locking kit allowing a cap with extra extra low profile. Includes a cap without lock.



XXL-LOCK CAP

Locking kit allowing a cap with extra extra low profile. Includes a cap with lock.



ENHANCED SECURITY OPTIONS

The Enhanced Security Cap Kits meet the needs of those who are concerned about losing conventional fuel caps or forgetting to replace them after refuelling, thus preventing accidental fuel spillage. These cap kits are available with and without locks.

Also available in the newly added functionality, dedicated to the automatic recognition of in-house fuel pump guns, for the management of controlled dispensing (RFID system).

ZIP

Cap Kit without lock, self-closing ventilated fuel cap and rapid mounting. It can be fitted by the user without removing the KOCKÒN MACH II base module from its installed position on the tank.



ZIP LOCK

Cap Kit with lock, self-closing ventilated fuel cap and rapid mounting. It can be fitted by the user without removing the KOCKÒN MACH II base module from its installed position on the tank.



SECURITY & CONTROL CAPS KITS

Security and Control Cap Kits incorporate all the features of enhanced security, plus IOT Telematic Convergence capability.

Also available in the newly added functionality, dedicated to the automatic recognition of in-house fuel pump guns, for the management of controlled dispensing (RFID system).

ZIPPER

ZIPPER WIRED UPGRADE KIT
ZIPPER WIRELESS UPGRADE KIT



ZIPPER LOCK

ZIPPER LOCK WIRED UPGRADE KIT
ZIPPER LOCK WIRELESS UPGRADE KIT



Smart, electronic Cap Kit providing telematics interfacing capability in wired and wireless versions, plus a lock-free, ventilated, self-closing and quick-mounting fuel cap. It can also be fitted by the user without removing the KOCKÒN MACH II base module from its installed position on the tank.

Smart, electronic Cap Kit providing telematics interfacing capability in wired and wireless versions, plus a lockable, ventilated, self-closing and quick-mounting fuel cap. It can also be fitted by the user without removing the KOCKÒN MACH II base module from its installed position on the tank.

These Cap Kits represent the IOT Telematics Convergence options and with RFID systems, as they work in combination with third-party equipments in order to provide quality data that becomes valuable information once managed by properly integrated telematics software.



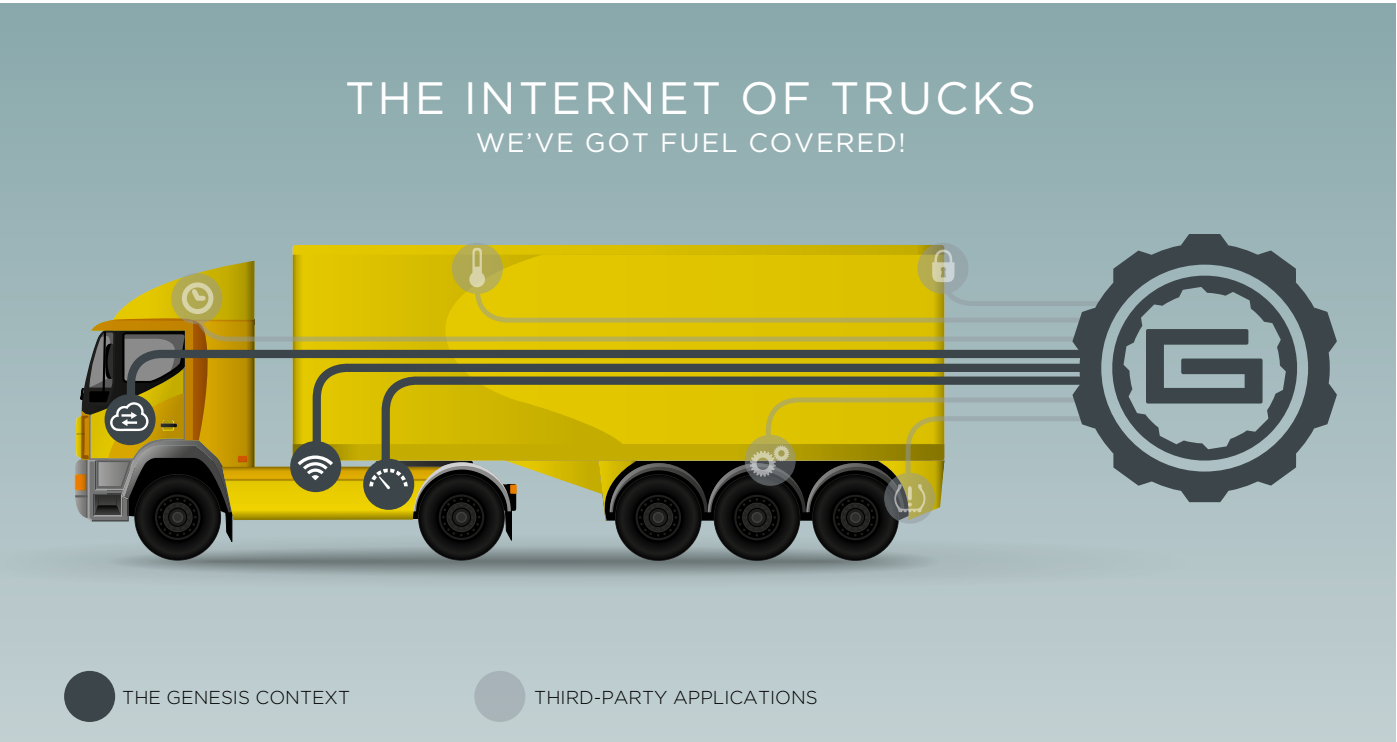


TELEMATIC CONVERGENCE

IOT: THE INTERNET OF THINGS, TRANSLATED BY GENESIS INTO THE INTERNET OF TRUCKS

GENESIS IOT denotes a scenario where products and solutions are designed to converge with everything that is already there in terms of technology, platforms and protocols.

The GENESIS approach has always been to make the most of what is already on the vehicle rather than an attempt to create obsolescence aimed at replacing parts. An approach that not only proves to be more responsible and sustainable to progress in the broadest sense, but also very convenient as an alternative for operators who wish to have equipment that is always up-to-date without having to resort to replacing it from scratch every time technology and requirements evolve.



WHEN IT COMES TO FUEL, GENESIS HAS IT COVERED!

The combined potential which results from said integrations then constitutes the unique effectiveness which can be tailored to each individual need.

ZIPPER SMART CAP

GLOBAL FUEL TANK PROTECTION SYSTEM

SMART CAP? THAT'S IT!

Once upon a time, a fuel cap was designed to keep the fuel inside and the contaminants outside the tank.
Today ZIPPER does all that, plus more.



SECURITY

ZIPPER ensures that the fuel tank is always closed when the refueling pistol is not inserted.

CONTROL

ZIPPER can warn a local or remote operator of events occurring on the tank, including opening and closing.

EASY INSTALLATION

Whether ZIPPER mounted directly to the tank or as a MACH II Cap Kit, the installation takes only few seconds.

TELEMATIC CONVERGENCE

ZIPPER is designed to be integrated with third-party telematics and telemetry equipment.



ZIPPER WIRED

ZIPPER WIRED version uses a physical wired connection. In this case ZIPPER is provided to be connected to the onboard electronics by running a bipolar cable from the fuel tank to the cabin interior. Given the configuration of the on-board telematics system, any wire cutting or tampering can be identified.

Also available in the newly added functionality, dedicated to the automatic recognition of in-house fuel pump guns, for the management of controlled dispensing (RFID system).

ZIPPER WIRELESS

Cable-free (WIRELESS) ZIPPER version for fast and secure connection to the on-board system.

ZIPPER comes complete with a battery-protected coded micro-transmitter inside the body itself. On board the vehicle a dedicated and universally connectable gprs receiver allows reception of all tank opening and closing notifications. Can be integrated with RFID refuelling authorisation systems.

Also available in the newly added functionality, dedicated to the automatic recognition of in-house fuel pump guns, for the management of controlled dispensing (RFID system).

ZIPPER WIRED VERSION USES A PHYSICAL WIRED CONNECTION. IN THIS CASE ZIPPER IS PROVIDED TO BE CONNECTED TO THE ONBOARD ELECTRONICS BY RUNNING A BIPOLAR CABLE FROM THE FUEL TANK TO THE CABIN INTERIOR. GIVEN THE CONFIGURATION OF THE ON-BOARD TELEMATICS SYSTEM, ANY WIRE CUTTING OR TAMPERING CAN BE IDENTIFIED.



CLASSIC OR MACH II VERSION?

The classic versions, stand-alone solutions, replace the original fuel caps: they provide a form of control from opening and closing the cap.

MACH II versions are designed as dedicated additions to the KOCKÖN MACH II BASE MODULES range of devices and together provide a form of enhanced fuel protection.



ZIPPER

ZIPPER is a diesel tank fuel cap opening analysis system compatible with the vast majority of vehicles on the market (DAF - SCANIA - MAN - MERCEDES - VOLVO - IVECO - RENAULT - FORD, ecc.). ZIPPER can therefore be used to check when and where the cap is opened, making it a reliable safety and control system for diesel fuel.

ZIPPER is to date installed on thousands of vehicles worldwide. Unique in its kind, it is a safe alternative to the original tank fuel cap.



ZIPPER MACH II TRANSFORM-ABLE

ZIPPER MACH II hooks up instantly to any KOCKÖN MACH II base module model, providing unprecedented performance that leverages the functionalities of ZIPPER and the proven performance of KOCKÖN's MACH II base module, dedicated to the fuel mechanical protection.

ZIPPER ACCESSORIES

ALARM UNIT

for ZIPPER WIRED



Used in conjunction with ZIPPER WIRED, this accessory provides an acoustic warning to the occupant of the vehicle cabin whenever the ZIPPER cap is opened. This unit also provides two separate digital outputs so that it can be connected to telemetry units that have inputs with inverted logic, should telematics connection be required.

SMS UNIT

for ZIPPER WIRELESS



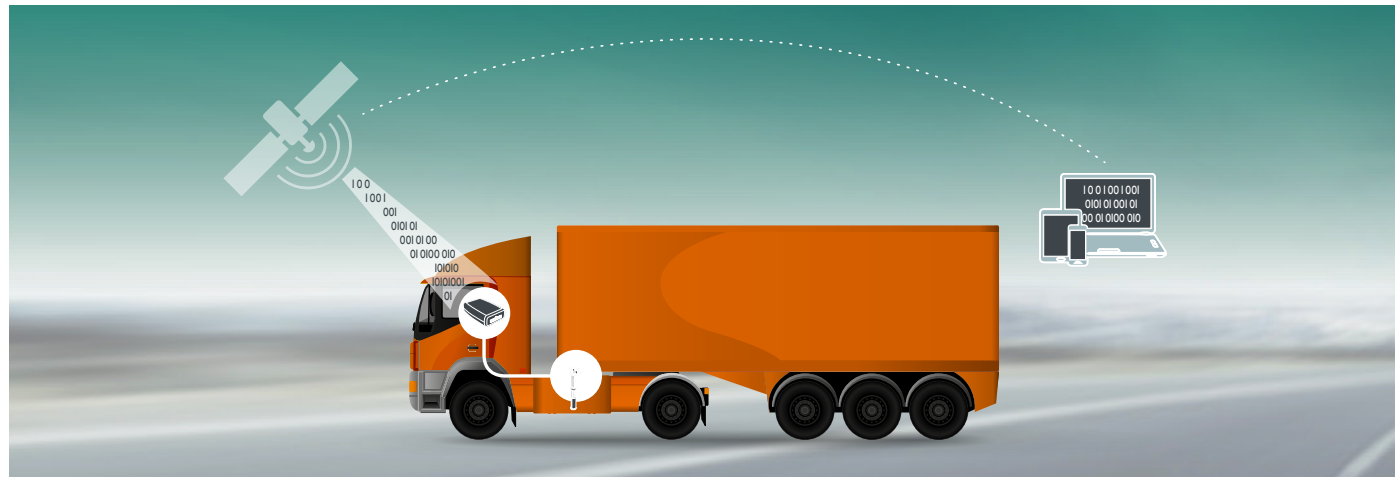
Connected to ZIPPER WIRELESS and equipped with an M2M SIM card, it can be programmed to send a warning SMS to the programmed mobile phone number, indicating that the fuel tank has been opened, in real time.

FUEL CONTROLLER

HIGH-PERFORMANCE FUEL MANAGEMENT SYSTEM

WHAT IS FUEL CONTROLLER:

FUEL CONTROLLER is an aftermarket system that can be installed on heavy-duty vehicles in Plug and Play mode, with the aim of obtaining highly accurate information on the content of the vehicle's fuel tanks in real time, with all the subsequent benefits that derive from the analysis of the data collected. FUEL CONTROLLER, replacing the vehicle's original measurement system, provides the necessary signal for on-board instruments, as well as the precise data needed by third-party telematics systems for the timely analysis of the fuel used. FUEL CONTROLLER is therefore an ideal addition for telematics service providers to transport and logistics companies, as well as being an out-of-the-box solution for independent operators who are interested in having accurate data on which to rely for the proper management of their business.



FC CONTROL UNIT



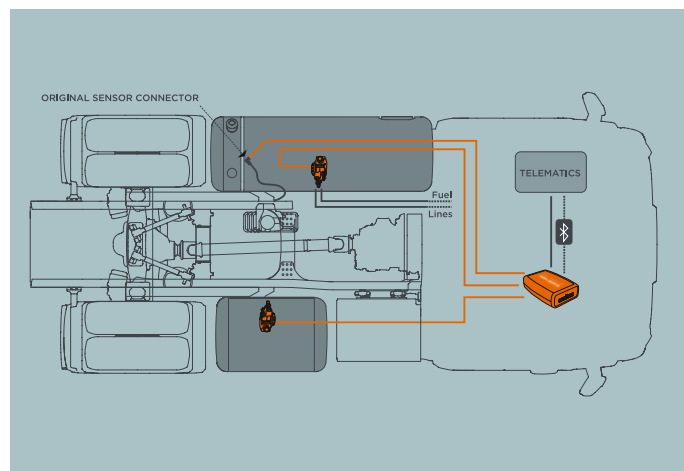
FCS FUEL SENSOR



FC CABLING



FC FITTINGS KIT



HOW FUEL CONTROLLER IS COMPOSED:

FC CONTROL UNIT

The FC control unit is connected to the FUEL CONTROLLER system's fuel sensor. It is responsible for converting fuel level data into quality information for the vehicle and third-party telematics systems.

FCS FUEL SENSOR

The FCS fuel sensor, a capacitive type with very high precision, is easily installed in place of the vehicle's original sensor. The FCS sensor is mechanically identical to the original sensor on most vehicles, including fuel send and return. Measurement takes place over the entire length of the FCS sensor and there are no dead spots or uncovered areas as is often the case with original sensors. FCS sensors also monitor tank temperature and tank angle.

FC CABLING

Pre-assembled extension cable to connect the ECU FC to the FCS fuel sensor.

FC FITTINGS KIT

Kit of compatible fittings.

FUEL CONTROLLER REQUIRES NO MODIFICATIONS TO THE VEHICLE: ALL ORIGINAL CONNECTORS AND CONNECTIONS REMAIN UNCHANGED AND THE CONNECTIONS ARE SIMPLE AND ABOVE ALL REVERSIBLE.

With a minimum of integration work, FUEL CONTROLLER can be useful for integrating new functions to third-party telematics systems, or even adding precision to current functions, a necessity dictated by an evolving environment where fuel control and management is proving necessary in the face of high costs.

FCS SENSOR SPECIFICATIONS

CPU 8 bits | **Technology:** capacitive sensor based on the dielectric constant of automotive diesel fuel (standard diesel fuel currently in use) | **Resolution:** 10 bits (1024 points) | **Fully static** | **Operating temperature** -40 to + 85°C | **No dead centre, full length reading** | **Available with standard fittings for major vehicle makes** | **Temperature sensor** | **Motion sensor** / **Accelerometer**

FUEL CONTROLLER SPECIFICATIONS

Power supply 12/14 Volt DC | **Power consumption** 75 mA / 24 V | **Operating temperature** -40 to + 85°C | **32-bit ARM® CPU processor** | **16 MB non-volatile data memory** | **Bluetooth® 2.1 module** | **433 MHz RX radio receiver module** | **1 CAN Bus channel 2.0** | **1 RS232 / RS485 serial port** | **1 dedicated resistive output** | **1 secondary resistive output (optional)** | **2 open collector outputs: I_{max} 1A, R_{on} 0.5 ff** | **1 analogue output: 1-12 V or 4-20 mA** | **3 analogue inputs: R_{in} 1Mff, V_{max} 100V** | **2 dedicated digital inputs (only for FCS fuel sensors)**

PERIPHERAL OPTIONS

High resolution FCS sensor | **External powered buzzer** | **ZIPPER wired** | **ZIPPERPlus wireless** | **IGT input**

THE FUEL CONTROLLER PORTAL - BETTER INFORMATION FOR BETTER MANAGEMENT

Tools for converting complex data into simple, effective information that anybody can use. GENESIS makes available web solutions that have been specifically created to show the information that comes from the balanced combination of FUEL CONTROLLER data with data coming from other sources, such as third-party telematics systems or other dedicated applications.

Such solutions prove useful in cases where it is not possible to intervene with specific graphical integrations in third-party telematics systems with no specific section dedicated to punctual fuel management.



FUEL MEASUREMENT

Fuel is measured in litres for the main tank, the secondary tank and the sum of the two.

SUPPORT FOR OPERATIONAL DECISIONS

Possibility to better manage refuelling strategy, to avoid carrying too much unused or unnecessary fuel, reducing the weight carried.

TELEMATIC CONVERGENCE

Designed to be integrated with third-party telemetry hardware.

REAL TIME INFO

To monitor on-board tank operations, fuel usage fuel, theft or misappropriation. All information is provided on an individual tank basis, the total amount of fuel, and shown against kilometres and against time.

ON-BOARD TANK ACTIVITY

Convergence with the ZIPPER cap connected to telemetry, for monitoring cap openings and closures.

OTHER INDEXES

Temperature and inclination of each tank, useful in understanding the reasons for any changes in fuel level.

SENSARMOUR

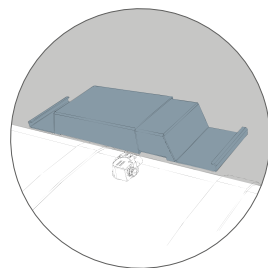
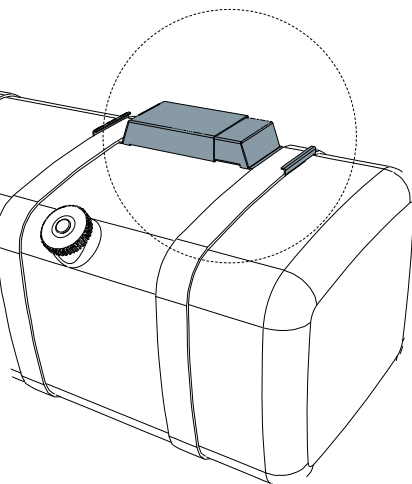
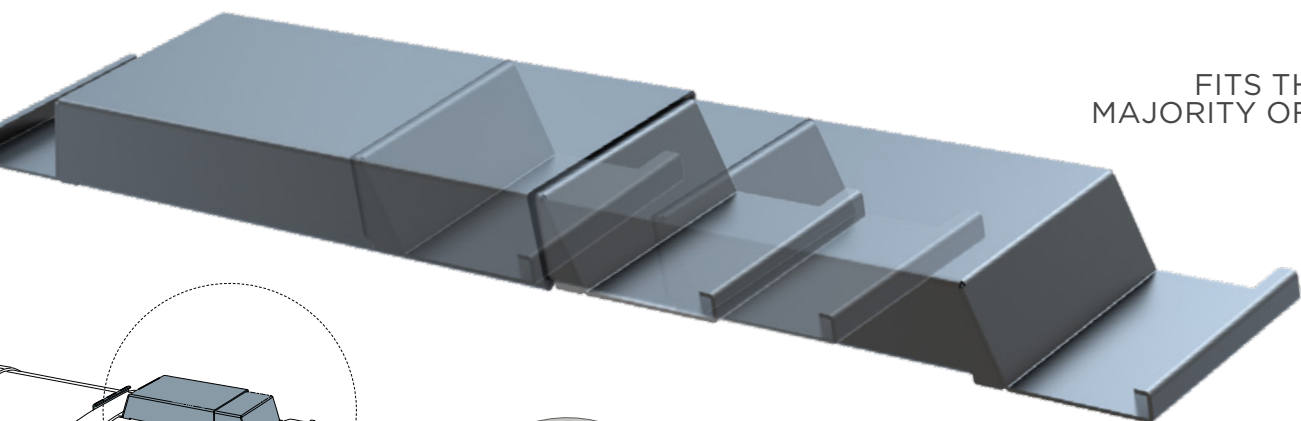
PROTECTIVE ARMATURE
FOR LEVEL SENSOR

SIMPLE & EFFECTIVE
DOUBLE PROTECTION AGAINST FUEL THEFT

SENSARMOUR is dedicated to protecting the access through the fuel sensor opening in commercial vehicle fuel tanks. It is designed to be mounted quickly and without the need for additional tooling or working: it is simply held in place by the tank's retaining straps.

Once SENSARMOUR is installed, the fuel in the tank can no longer be accessed through the sensor opening or through the fuel delivery and return lines.

FITS THE VAST
MAJORITY OF TANKS

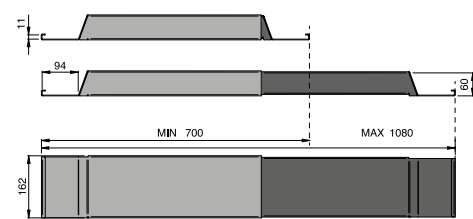


SENSARMOUR LARGE
FUEL SENSOR PROTECTION

READY-TO-USE

TECHNICAL SPECIFICATIONS

Alu Galvanised steel
also available
SENSARMOUR - IN

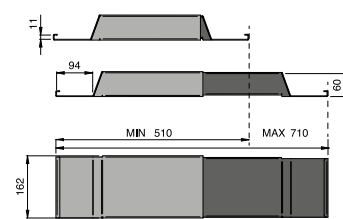


SENSARMOUR SMALL
FUEL SENSOR PROTECTION

READY-TO-USE

TECHNICAL SPECIFICATIONS

Alu Galvanised steel
also available
SENSARMOUR - IN

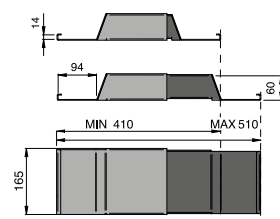


SENSARMOUR EXTRA SMALL
FUEL SENSOR PROTECTION

READY-TO-USE

TECHNICAL SPECIFICATIONS

Alu Galvanised steel
also available
SENSARMOUR - IN



STROPOL

HIGH-SECURITY
DRAIN PLUG

SMALL BUT BIG!
SMALL OBJECT, BIG EFFECT!

STROPOL is a small, highly engineered device dedicated to the big task of protecting the main tank drainage hole of industrial vehicles from removal and access by unauthorised operators.



STROPOL M24

READY-TO-USE

TECHNICAL SPECIFICATIONS

Alu
24 mm

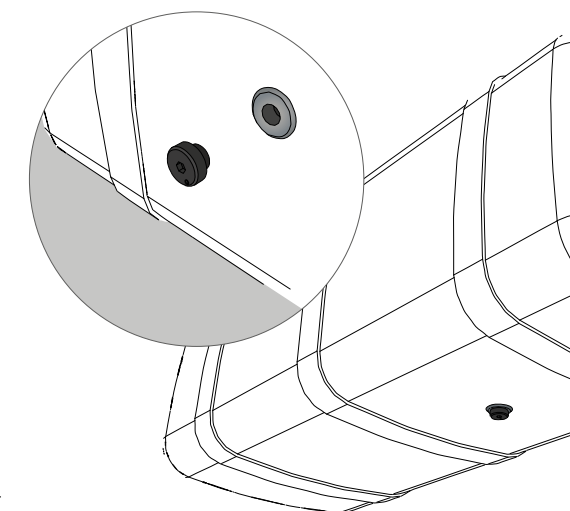


STROPOL M22

READY-TO-USE

TECHNICAL SPECIFICATIONS

Alu
22 mm



STROPOL M18

READY-TO-USE

TECHNICAL SPECIFICATIONS

Alu
18 mm



STROPOL 3/4 BS

READY-TO-USE

TECHNICAL SPECIFICATIONS

Alu
3/4"

KOCKÒN VX SERIES

FUEL ANTI-THEFT DEVICE
FOR LIGHT COMMERCIAL VEHICLES

EFFECTIVE FUEL PROTECTION FOR LIGHT COMMERCIAL VEHICLES

The logistical revolution caused by the distribution resulting from e-commerce, the increase in the number of light commercial vehicles on the road and the subsequent fragmentation of the total volume of fuel on the road has generated the need for dedicated fuel protection solutions in this vehicle class as well. Our VX series has miniaturised the KOCKÒN technology, bringing this popular solution to a class of vehicles that would otherwise be exposed to the inefficiencies of fuel theft.



UNPARALLELED PROTECTION

Complete absence of holes or slots large enough to allow the introduction of pipes, probes or other devices for the undue intake of fuel.

FAST REFUELLING

Complete absence of holes or loopholes large enough to allow the introduction of pipes, probes or other devices for the improper siphoning of fuel.

INSTALLATION: AS EASY AS!

Very easy and quick installation: Kockòn VX is installed easily through a simple patented system which only requires you to insert and twist the device until it locks: no drillings, no screws, no rivets, no adhesives, no sealants are necessary.

In this way, installations are reversible in order to restore the original state of the vehicle without affecting the homologation.



FAQ WHAT OUR USERS ASK

WHAT DEGREE OF PROTECTION DOES THE GENESIS SYSTEM GUARANTEE?

The KOCKÒN by GENESIS, unlike many other systems available on the market, offers total protection. KOCKÒN is not a deterrent, it is an effective barrier against fuel theft that occurs from the tank filler neck.

WHAT PRODUCTS AND SERVICES ARE INCLUDED IN THE GENESIS OFFER?

The GENESIS range consists of integrated vehicle's fuel protection, control and management products and services.

DO GENESIS ELECTRONICS PRODUCTS REQUIRE WIRE CONNECTIONS?

There is a wireless product version (ZIPPER WIRELESS) that connects via radio to the receiver unit installed inside the cabin, eliminating the need for physical connections between the fuel tank and the cabin.

CAN I EASILY REMOVE GENESIS PRODUCTS FROM THE FUEL TANK ONCE THEY ARE INSTALLED?

No, to ensure the highest security, many of our products cannot be easily removed after installation.

CAN I REFUEL NORMALLY?

Yes, the diesel flow and refuelling rate does not change. Most of our products are tested and guaranteed for flow rates up to 120 l/min. In the case of products for light commercial vehicles, the flow rate is reduced to 80 lt/min.

DO GENESIS PRODUCTS REQUIRE SEPARATELY SOLD ACCESSORIES?

Most GENESIS products are immediately usable 'out of the box'. In some cases it is necessary to match two codes, which allows you to customise the application to specific needs.

IS MY ORIGINAL TANK FUEL CAP RE-USABLE?

Often the original vehicle tank cap is re-usable. If it is not, a replacement cap is provided.

ARE GENESIS PRODUCTS EASY TO INSTALL?

Yes, the installation is done with a simple step depending on the type of tank filler neck and without any modification, no rivets, screws, sealants or adhesives.

ARE GENESIS PRODUCTS COMPATIBLE WITH MY FUEL TANK?

The GENESIS system is compatible with more than 90% of the heavy vehicle fleet on the road in Europe. Special applications can also be evaluated on request, and the range is expanding to include vehicles of non-European origin.

ARE GENESIS PRODUCTS SAFE?

Yes, our products are safe: ZIPPER, for instance, meets the latest European standards (70/221 CE, 2000/8 CE, 2006/20 CE). The products are tested, patented and all manufactured entirely in Italy, following a careful and rigorous production process and quality control protocols.

HOW MUCH CAN I SAVE WITH GENESIS PRODUCTS INSTALLED?

On a statistical basis, taken from a sample in Western Europe, the amount of diesel fuel subject to misappropriation has proven to be around 4%. More recently we have seen cases where this figure rises to 40%. Our products, by TOTALLY preventing the theft of fuel from the tank, therefore allow significant cost savings, which after a very short amortisation period of the device itself, translates into pure PROFIT for the fleet.

CAN GENESIS PRODUCTS BE INTEGRATED ON VEHICLES ALREADY EQUIPPED WITH A GPS TRACKING SYSTEM?

Yes, our products belonging to the IOT - TELEMATIC CONVERGENCE category can be integrated with other GPS tracking and fleet control systems, subject to proper integration between the two systems."

Concept: Grevi



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GENESIS is a brand of LagoGENESIS s.r.l.

LagoGENESIS reserves the right to make changes and improvements to its products and to this document at any time and without prior notice.

040020001 r04 - EN - January 2025

