



GPS TRACK-TOR

ALARM SYSTEM FOR AGRICULTURAL AND
EARTH MOVING MACHINERY



*“In seed time learn, in harvest teach,
in winter enjoy”. (William Blake)*



**INTRUSION
ALARM**



**IGNITION
ALARM**

**GPS
TRACK-TOR**



**SHOCK
ALARM**



**BATTERY
ALARM**

TECHNOLOGIES



GSM



GPRS



GPS

GPS TRACK-TOR

The System

GPS TRACK-TOR is the new alarm system for Agricultural and Earth Moving machinery, developed by Paser.

The device is equipped with a GPS / GPRS / GSM that allows to detect and communicate in real time on your phone, the following alert:



INTRUSION ALARM: (with presence sensor) if the thief attempt to introduce himself in the cockpit



SHOCK ALARM: if the thief tries to physically move the vehicle



IGNITION ALARM: if the thief attempts to start the engine of the vehicle



BATTERY ALARM: if the thief cuts the battery

For each of the listed cases, the SMS sent to the phone's owner reports also a link to the GPS location of the vehicle, so as to monitor the possible movement during the attempted theft.

It is also possible to enable the Engine Block in case of theft alarm!

The product is compatible with all kinds of vehicles!



The central unit

The **GPS Tractor** unit central is compact, small sized and integrates within it:



- a simple connection system for connecting the wiring
- a radio reception system for remote control management
- a GPS transmission system
- a GSM transmission system
- a GPRS transmission system
- an acoustic alert system
- a switch for learning remote controls

Simple to install and to set up, the central unit is equipped with a shell made of sturdy steel, in order to protect the electronic equipment in its interior, that is protected from the weather and humidity through casting of a plastic coating totally waterproof.

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The sensor



The **sensor** used to our system is a **triple technology**, volumetric detector equipped with:

- Two passive infrared and microwave at 10.525 GHz
- An internal processing system of the information given by the sensors, which discriminates against environmental variations with respect to the true movements and their people on the move.
- Anti-masking system that allows you to detect anomalies caused by obscuring attempts or blindness.
- Possibility of operating both in AND (protection against false alarms) in OR.
- 3 LED excludable to the directions of operation.
- Trimmer adjustment of the sensitivity of the microwave and infrared sensitivity adjustment for internal dipswitch. masking output, anti-tampering contact.

The device can be fastened to the cockpit internal wall via the sturdy joint included in the kit.



The Remote Controls



GPS Tractor system is manageable by dedicated remote controls.

You can also enable the alarm remotely by a SMS command!

The remote controls memorizing is a procedure already performed in phase of programming by the manufacturer.

It is sufficient, therefore, done the installation of the system, to use these keys to:



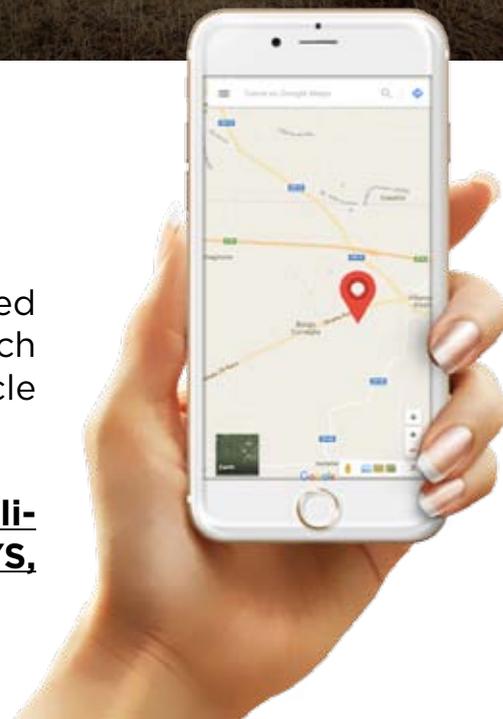
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Tracking by Smartphone

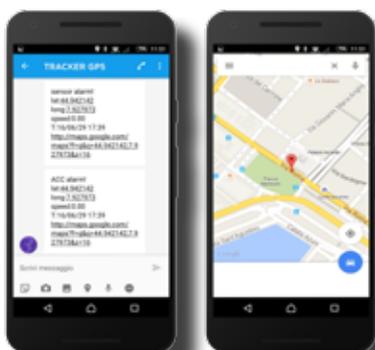
The alarm system **GPS Tractor** is equipped with a **GPS / GPRS / GSM technology** which makes possible the localization of the vehicle on which it is installed.

You also query the system about the localization via SMS EVERYWHERE and ALWAYS, also if the alarm is not enabled!



Whenever an alarm occurs, it will send a SMS to the phone number set as the Administrator, in which it will be reported all relevant information for the tracking of the vehicle, such as:

- the **kind of alarm** detected
- the Latitude and Longitude **coordinates**
- the **speed** at which the vehicle proceeds during the reporting
- the **date and time** of the alarm reception
- a **link to Google Maps** site that, when opened, will display the place where the vehicle is located and monitor the location



Tracking by Smartphone



The **GPS Tractor** alarm system can also work as a simple stand-alone alarm, without the use of **GSM technology**.

Therefore it will sound at each alert detection but will not send any text message on a cell phone pre set.

For operation via GSM, instead, you will need to insert a **sim card** in the device.

The SIM CARD is not provided by the manufacturer.

GPS TRACK-TOR



Tracking by PC or Tablet



The tracking of the vehicle is also possible by means of Tablet or PC.

You only have to show the link sent on mobile phone in the search bar of your browser.

This will open the Google Maps page with the **exact GPS location** of your agricultural machinery.

Our strenghts



TOTAL PROTECTION

The **GPS Tractor** ensures **TOTAL protection** of agricultural vehicle, consisting of:

- protection against intrusion in the cockpit
- protection against starting the engine
- protection against physics lifting and removing of the vehicle
- protection against cutting of the battery



VEHICLE TRCKING

The **GPS tracking** system product gives the opportunity to know the location of your vehicle in case of alarm and display it on your smart-phone or on your PC!

In addition to the notification of the location in case of alarm, however, you can also check remotely the system **ALWAYS** and **EVERYWHERE via SMS command** to find out where in the vehicle.

This feature, it is evident, is very useful in the case specific of Agricultural Machinery, as these vehicles are often in open and unguarded areas, that is where the conditions for a possible theft are optimal!



PROGRAMMING VIA SMS

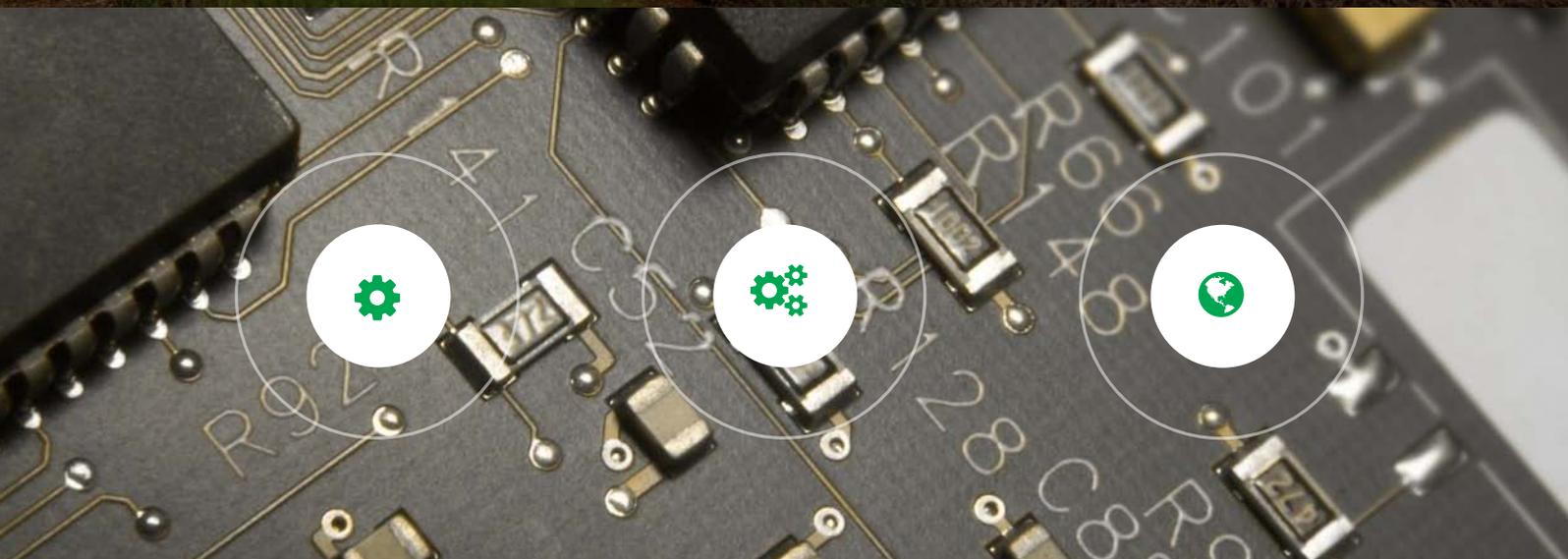
Thanks to this feature of setting and interaction with the system, **GPS Tractor** is able to:

- **receive faster** settings and commands
- real-time notify on your phone ALL alarms detected
- **quickly manage** all functions of the system

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Technical specifications



>> UNIVERSAL DEVICE

Size: 12,5 cm x 7 cm x 6 cm

Weight: 500 g

Network: GSM / GPRS / GSM

Band: 850/1800/1900 mHZ

oppure 900/1800/1900 mHZ

oppure 850/900/1800/1900 mHZ

GPS Sensivity: -159 dBm

GPS Accuracy: 5 m

Power: 12v - 24v

Battery: 3.7v 1500 mAh Lithium ion

Standby: 48 hours

Working Temperature: - 20° c / + 55° c

Paser Products

The **Paser Alarms** line includes systems to monitor and protect:

- **Agricultural machinery**
- **Earth moving machines**
- **Cars**
- **Commercial vehicles and Transport Vehicles**
- **Motorcycles**
- **Campers and RVs**
- **Boats and Yachts**
- **Domotic Implants & Home**
- **Scaffolding and security structures**

The Paser culture is characterized by a strong focus on innovation and flexibility, with a particular and constant focus on the Customer.

All Paser products are universal and compatible with each type of vehicle.

All entire Paser production cycle is developed in Italy.

All Paser products are known for ease of use, excellent quality and exquisite design.

Paser is certified UNI EN ISO 9001: 2008, ensuring total quality in all business processes, from design, to production, to after-sales services such as highly **qualified technical assistance!**

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Paser Alarms



Study

Specific solutions studying, versatile and multifunctional for the protection and security of your Transport Vehicle



Design

Realization of devices with cutting-edge design and suitable for all types of automotive configuration



Installation

Easy installation, ensuring system efficiency, ease of use and total safety for the end user



Develop

Nearly all connections are Plug&Play, simple and intuitive, in order to reduce costs and installation times

Why to choose a PASER Alarm?

Paser boasts an experience of over 20 years in the electronics applied to the most different sectors.

Paser Alarms integrate the functionality and the most common features of the alarms in the world for civil vehicles and homes, with the specificities of each time needed in varied contexts.

The **Paser Alarms** constitute a whole of integration between the various security contexts, protection and tracking systems and thus allow to the end user to install and use an **advanced technology system** that covers in their entirety the requirements for the protection of the vehicle, but offering a use and operation **easiness for everyone!**

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Why to choose a PASER Alarm?

The Paser Alarms are designed, made and produced by the company PASER Ltd., for over 20 years a leader in the security industry!

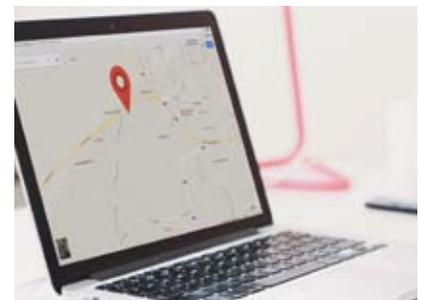
PASER Ltd. also offers the service of study and realization of Alarms for all uses and applications!



Design



Comfort



Easy to use

GPS TRACK-TOR

Contacts

Paser is always at your disposal!



Strada per Poirino, 29 -14019-
Villanova D'Asti (AT) - Italy



+39 (0)141 947694



+39 (0)141 946000



paser@paser.it

<http://automotive.paser.it>



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Paser Srl: Str. Per Poirino 29 - 14019 - Villanova D'Asti (AT) - Italia - P.Iva: IT 01060670054

