



AWIA Machines

Heavy machinery monitoring system



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Description of the device

AWIA Machines is an effective tool for the effective operational research of operating cost of heavy machines. The system applies based on the communication device clearing data away from the receiver GPS and of sensors put in the operated machine (e.g.: probe of the level of fuel, flowmeters, sensor of turnovers of the engine, interface of the CAN trunk line). AWIA Machines is supporting the fleet management of heavy machines through:

- ≡ current control of the fuel consumption
- ≡ control of the quantity of fuel fueled up
- ≡ reporting pozaeksploatacyjnych of depletion of fuel
- ≡ registration of engine parameters of the machine
- ≡ keeping a diary of the completion of service duties, control of working hours of operators.

Certificates

- ≡ Certification certificate EC of the Ministry of the Infrastructure to compliance with the directive 2004 / 104 / EC.
- ≡ Certificate of the compliance with the requirements of the PN-S 76020 norm.
- ≡ Technical opinion confirming meeting practical requirements in the effectiveness of protecting in the standard class (STD) issued by the Industrial Institute to the Motorization.
- ≡ Certificate of the compliance with the requirements of the norm PN-EN 50155: 2007 train Applications Electronic equipping applied in means of transporting.

Basic functionality

- ≡ Monitoring of the fuel consumption along with the possibility of control of losses voids.
- ≡ Tracking the position of the machine on the digital map.
- ≡ Complete information of the machine about the status given to a job.
- ≡ The measurement and monitoring significant exploitation parameters of the machine.
- ≡ The identification/authorization and registering working hours of the staff (RFID ID badges).
- ≡ Quick access to reports, statistics and balance sheets.
- ≡ Cordless data transmission to the system centralengo in the real time (GSM).
- ≡ Function of the "flight recorder".
- ≡ Precise measurement of the time of using the machine and accessories put in.
- ≡ Expanded diagnostic testing of the machine thanks to integration

Structure of the system

