Datalogger

The dataloggers of HANSENHOF_electronic are multi-functional devices to equip all tractors, trucks, devices and cars at a farm.

They log GPS-position, time and several other data of machines and workers, depending on the version of the datalogger.

It is possible to log signals from external sensors, machine data from ISOBUS and another CAN-BUS and also data of devices by ISOBUS or by ApCo [Application Controller] All data will be sent online automatically to a server [by GPRS] and you can download this data immediately

Whether online-overview or complete cost accounting

- all data up-to-date and safe -

for example
machine data:
speed
engine torque
fuel consumption
driver
tank level

device data:
application rate
working position
working width

sensors:
yield
moisture
weight
NDVI

document completely - dispatch optimally
ensure quality of work - account accurately
analyze up-to-date - assign reliably

HG-TimeLog
▶ stationary
▶ logs working time in buildings/garages

HG-Ident
▶ additional datalogger equipmen
▶ identifies the driver in the machine by a personalized RFID-chip

Documentation and cost optimization . . .

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for each intended use

HG-MiniLog
▶ small & cheap
▶ internal antenna
▶ installation inside cabin

HG-EasyLog E
▶ 3 inputs
▶ internal or external antenna
▶ installation inside cabin
▶ internal battery

HG-EasyLog C
▶ additionally logs CAN-BUS-data of machines & devices
▶ 1 input

HG-MultiLog 32
▶ universal
▶ with ISOBUS task controller
▶ logs CAN-BUS-data of machines & devices
▶ logs ISOBUS - data
▶ 10 inputs/8 outputs
▶ external antenna
▶ installation inside cabin

ApCo [Application Controller]
▶ for device equipment, with ISOBUS-datalogger- or ISOBUS-terminal-connection
▶ integrates devices into ISOBUS
▶ identifies and logs process values
▶ can realize switching functions, e.g. hydraulic valves, light

recommendation due to the type of vehicle

1. Cars
HG-MiniLog

2. a) Trucks with CAN-BUS
HG-EasyLog C

2. b) Trucks without CAN-BUS
HG-EasyLog E

3. a) Tractors without CAN-BUS with ApCo
HG-EasyLog C

3. b) Tractors without CAN-BUS without ApCo
HG-EasyLog E

4. Tractors with CAN-BUS without ApCo
HG-EasyLog C

5. Tractors with CAN-BUS with ApCo or ISOBUS-jobcontroller
HG-MultiLog 32

6. Stationary use
HG-TimeLog

. . . automatic, fast and reliable.