

# ELECTRONIC EQUIPMENT

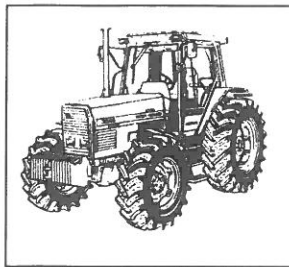
## REPAIRS AND SALES

The UK's leading independent specialist in Agricultural Electronic Equipment offers a cost effective repair service for Electronic Controls and Monitors used in agricultural machinery.

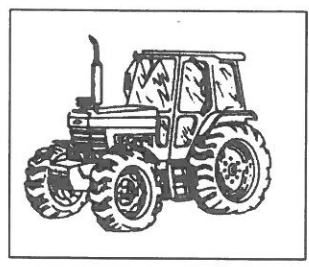
To compliment repair work, a range of new Electronic Controls and Monitors are available, from simple Counters and Area Meters to Controls compatible with ISOBUS Standard (CANBus).

- ❖ Tractor and Combine Monitors & Controls
- ❖ Material Handler Joysticks and SLI's
- ❖ Grain and Precision Drill Controls
- ❖ Sprayer and Fertiliser Spreader Controls
- ❖ Baler and Bale Wrapper Monitors
- ❖ Mower and Forager Controls
- ❖ Diet Feeder Weighing Systems
- ❖ Precision Farming and GPS Guidance Equipment

*For a more detailed breakdown of what we do please see overleaf.*



# Tractor Electronic's Repaired



## **CASE**

- 85 and 95 Dash Panels
- 844 and 856 Dash Panels
- 4200 Dash Panels
- CS Dash Panel
- CS Gear Selection Display
- CVX & MX Front Axle Controller
- CX & MX Analog and Digital Dash Panel
- CX & MX Hitch Controller
- Magnum Hitch Controller and Dash Panel
- MX PTO Controller (F&R, Powershift)
- JX/JXU Controls and Instrument Clusters
- MXU Controllers and Instrument Clusters and Hitch Control Switch Gear
- Work Light Panels
- Carraro Hydra Front Axle Controllers
- AFS Terminals
- MXM Controllers and Instrument Clusters
- Maxxum Controls and Instrument Clusters
- Engine Controls #
- Puma Controls and Instrument Clusters #

## **DEUTZ FAHR**

- Agrottron Fuse and Relay Circuit Board
- Agrottron Interment Cluster #
- Hitch Controls #
- Suspension Controls #

## **FENDT**

- Joystick Controls
- Forward & Reverse Controller
- Bosch Hitch Controller
- Fendt E-Box
- Hitch Control Panel
- Vario Terminal #

## **McCORMICK**

CX, MC & MTX Dash Panel

## **SAME / LAMBORGHINI**

- Hitch Control Panel
- Hitch Control Calculator (Bosch)
- Heater PCB

## **JOHN DEERE**

- 6000 Series
  - Tractor/Loader Joystick
  - Tractor Performance Monitor
  - BCU
  - Dash Panel
- 2650 and 3050
  - Simple Tractor Performance Monitor
  - Bosch Hitch Controller
- 2600 Touchscreen Terminals
- DE10 Tier 2 Engine ECU's
- 10/20 Series Instrument Clusters
- 30 Series Command Centres #

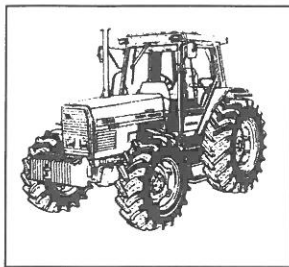
## **MASSEY FERGUSON**

- 3000
  - Autotronic 1 and 2
  - Datatronic 1
  - Hitchtronic Calculator and Control Panel
  - Dynashft Transmission
  - Fuel Counter Unit
  - Dash Panel
- 4200/4300
  - Dash Panel
- 61, 81 and 62, 82 and 64, 74, 84 series
  - Hitch Control Panel
  - Hitchtronic Calculator
  - Dash Panel
  - Autotronic 2 and 3
  - Datatronic 2, 3 and 4
  - Autotronic 5 #
- Work Light Panel
- Carraro Hydra Front Axle Controllers

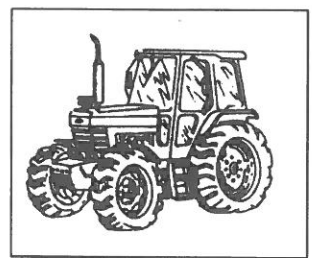
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### **David King Electronics Limited**

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Email: [info@dkelectronics.co.uk](mailto:info@dkelectronics.co.uk)      [www.dkelectronics.co.uk](http://www.dkelectronics.co.uk)



# Tractor Electronic's Repaired



## **VALTRA**

- Instrument Clusters
- Spool Valve Control (Danfoss)
  - T Series #
  - M Series #

## **RENAULT/CLAAS**

- Ares Drivetronic and Revershift
- Dash Panels
- TCE 10, 15, 20, 25 Hitch Control
- DE10 Tier 2 Engine ECU's
- Carraro Hydra Front Axle Controllers
- Cebis Terminals #

## **FORD / NEW HOLLAND**

### **10 Series**

- Dash & Light Panel
- Performance Monitor
- Linkage Control

### **40 Series**

- Dash Panel - Analog & Digital
- Gear Display Unit
- Lift Control Panel
- Transmission Controller -post Quad mod
- Transmission Controller -pre Quad mod #

### **8630 Models**

- Gear Display Unit
- Gear Selector Assembly
- Transmission Unit

### **60 Series & TM models**

- Dash Panel - Analog & Digital
- Area, Speed Monitor
- Electronic Management Unit (EMU)
- Gear Display Unit
- Hitch Control Panel
- Hitch Controller
- Performance Monitor
- Transmission Controller #

### **70 Series**

- Dash Panel
- Hitch Controller #
- Transmission Controller #

## **NEW HOLLAND**

- TSA Controllers and Instrument Clusters
- TL/TLA Controllers and Instrument Clusters
- Intelliview Terminals
- TN 4WD Controller, Transmission Controller # Hitch Controller #
- T6000 Controller and Instrument Cluster #
- T7000 Controller and Instrument Cluster #

## **MATERIAL HANDLERS**

- Matbro / Sanderson / JCB
  - Dash Panels
  - Joysticks and F & R Levers
  - Safe Load Indicators

## **MISCELLANEOUS**

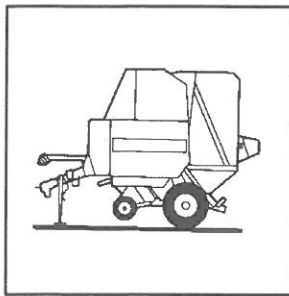
- Fiat F130 Hitch Control
- Fiat 100 Dash Panel Light Unit
- Fiat F115 Dash Panel
- Fiat F130 Hitchtronic Controller
- Fiat Agri Linkage Control Panel
- Front Diff Lock Control
- Front PTO Control
- Front PTO RPM Monitor
- Radar - Dickey John
- Radar - Vansco

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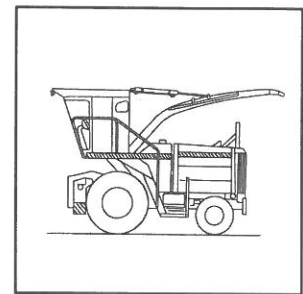
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# Grass Care Electronic's Repaired



## **BAMFORD**

- See Massey Ferguson

## **CASE**

- Square Baler Controls
- Forager Monitors
- Round Baler Controls

## **CLAAS**

- Range of Rollant Baler Controls
- 250/280 Baler Controls
- Forager Controls
- Communicator Terminals
- Variation Range of Baler Controls
- Square Baler Controls #

## **CONOR**

- Wrapper Controls & Remote Controls

## **DOWDESWELL**

- 700 & 800 Series Wrapper Controls

## **ELHO / NHK**

- Wrap Monitors and Remote Controls

## **FARMHAND**

- See Massey Ferguson

## **FORD / NEW HOLLAND**

- New Holland Balers
  - 1014 Bale Controllers
  - 640-650 Relay Unit
  - 640-650 Bale Command Controllers
  - 644-654 Bale Command Plus Controllers
  - 841 Bale Controllers
  - 848 Bale Controllers
  - D1000 Baler Control System
  - D1010-1210 Baler Control System
  - Intelliview Terminals
  - BB Series Baler Controls #
  - BR Series Baler Controls #

- FX Series - unless otherwise stated
  - Lighting Print
  - Valve Print
  - Actuator Print
  - Arm Rest Module
  - Main Control Panel Switch and LED Prints
  - Multi-function Lever and Print
  - 2405 Series Adjust-o-matic Shear Bar Controller
  - 717 Metal Detector Controller
  - Infoview Screen
  - Adjust-o-matic Print #
  - Header Height Control Print (Bosch) #
  - Main CPU Print #

## **HESSTON**

- Big Bale Control #
- Density Con Rods #

## **JOHN DEERE**

- Round Baler Controls
- Large Square Baler Controls

## **KRONE**

- Big Pack Square Baler Controls
- KR10-16 Baler Control
- KR130/160/125/155 Baler Controls
- KR8-16 Round Baler Controls
- Vario 1500/1800 Round Baler Controls
- Comprima Series
- Combipack #

## **KVERNELAND / VOLAC**

- Wrapper Controls

## **LAWRENCE EDWARDS**

- Bale Wrapper Controls

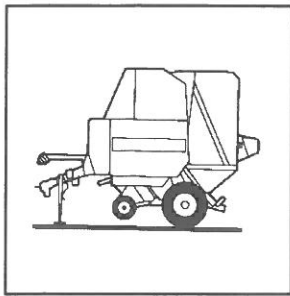
## **MASSEY FERGUSON**

- 1455E, 824, 828 Baler Controls
- 610 Forager Controls
- Fieldstar Terminals
- Hesston/MF Big Baler Controls
- Density Con Rods #

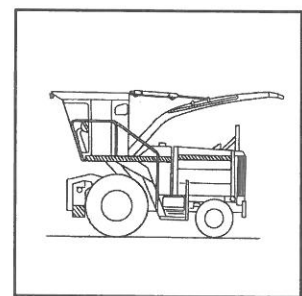
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# Grass Care Electronic's Repaired



## **McHALE**

- Round & Square Wrapper Controls
- Fusion Series
- Round Balers Controls

## **PARMITER**

- Bale Wrap Monitor
- Bale Wrap Manager Controls
- Post Knocker Controls

## **RECO**

- Auto Wrappa Controls

## **TELLEFSDAL**

- Wrapper Control

## **WOLVO**

- Baler & Wrapper Controls

## **TAARUP**

- Forager Controls
- Autoswather Controls
- Autoswather Control Units
- Mower Controls

## **TANCO**

- Wrapper Controls

## **VICON**

- Baler/Wrapper Controls

## **WELGER**

- Baler Control, Baler Control 2 & 3
- D Series Baler Controls
- RP Series Baler Controls
- Welgamatic Baler Monitor & J-Box

## **MISCELLANEOUS**

- Additive Pump Motor Control
- Morawetz Composter Control Panel
- Sensors – New available

## **HEDGE CUTTER CONTROLS**

Bomford

McConnell

ORSI

Twose

Kuhn #

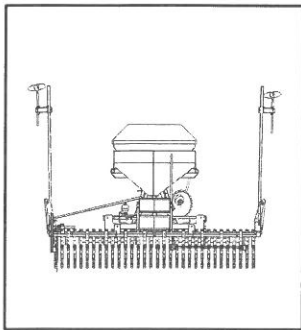
Shelbourne Reynolds #

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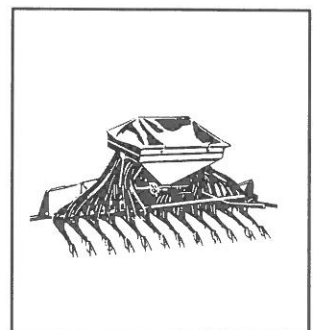
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# Seed Drill and Fertiliser Spreader Electronic's Repaired



## **ACCORD**

- FGS Tramline Monitors
- ESC Controls
- OEC Controls
- Focus Terminals
- Isobus Terminals

## **AMAZONE**

- Amatron Units
- Amacontrol Monitor, and Amados I, II, III + Monitors and Actuators
- Amatron+, Amatron III Terminals and Job Computers
- Amaset
- Amalog

## **BECKER**

- 1500 Series Precision Drill Monitors

## **BETTISON**

- Drill Monitor

## **DANAGRI**

- Precision Drill Monitor

## **FARMSCAN**

- 1106 Monitor

## **FIONA**

- Drill Monitor

## **GASPARDO**

- PK602 & SK400, Precimat Precision Drill Monitor

## **KONGSKILDE**

- Grain & Precision Drill Monitors

## **KUHN**

- Drill Controls
- Fertiliser Quantron Series Control Systems

## **KRM**

- Roger Drill Monitor

## **LELY**

- Polytronic and Centronic Units

## **MASSEY FERGUSON**

- 510 Drill Control

## **MULLER**

- MFC3004 Drill Monitor
- Drillmat I and II

## **BAMLETT / OVERUM TIVE**

- Seed Drill Monitor and Control System

## **RAUCH**

- Fertiliser Spreader Controls

## **ROLAND**

- Fertiliser Spreader Controls

## **SULKY**

- Seed Drill Monitor

## **VADERSTAD**

- Drill Controls

## **VICON**

- LZ505, LZ515, LZ520 Drill Controls

## **WILL RICH**

- Drill Monitor

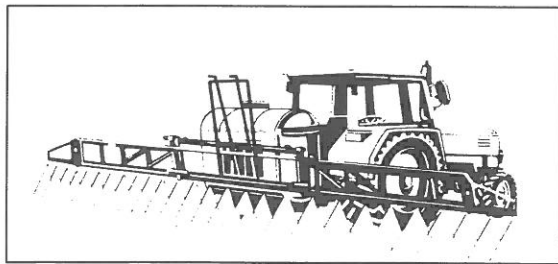
## **MISCELLANEOUS**

- Gregoire Besson Plough Controls
- Bird Scarers Controls
- Slug Pelleters Controls
- Reekie Potato Bed Setters
- Sensors – New available

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# Field Sprayer Electronic's Repaired

## **ALLMAN**

- Sprayer Control

## **AMAZONE**

- Amatron Units
- Spraycontrol
- Switch Boxes & J-Boxes

## **BERTHOUD**

- Sprayer Monitors and Switch Boxes

## **CASE**

- Sprayer Controls, Monitors & Rate Governors

## **GEM**

- Auto-Trak Sprayer Steering Control

## **HARDI**

- Sprayer Monitors and Switch Boxes

## **LH AGRO**

- Sprayer Monitors and Switch Boxes

## **MULLER-ELEKTRONIK**

- Sprayer Monitors, Controls and Switch Boxes for a range of manufacturers including Knight Farm Machinery, Sands, Chafer etc

## **RAU**

- Sprayer Switch Boxes & Controls

## **RDS**

- Sprayer Monitors

## **TECHNOMA**

- Sprayer Switch Controls

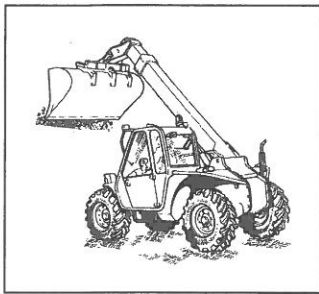
## **VARIOUS**

- Sprayer Ball Valve Motors
- Velaman Control Boxes #

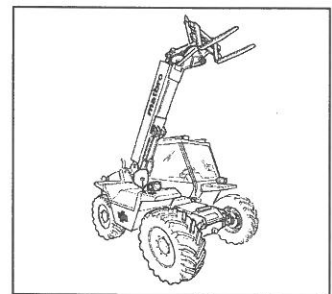
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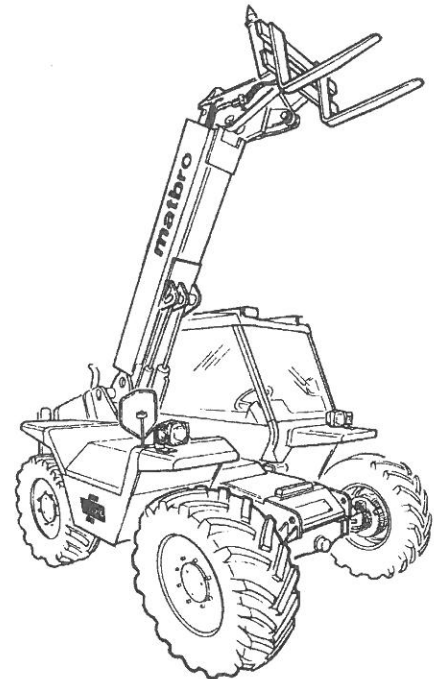


# Material Handlers



## REPAIRS

- Joysticks
- Forward and Reverse Levers
- Safe Load Indicators
- Strain Sensors
- Instrument Panels
  - Various manufacturers including Merlo, Matbro etc
- Susmic Hydrostatic Transmission Controllers
  - Various manufacturers including Merlo etc



### NEW SUPPLIED

- Joysticks and Valves

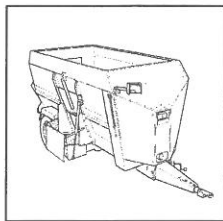


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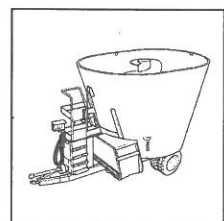
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# Diet Feeder Weighing Systems

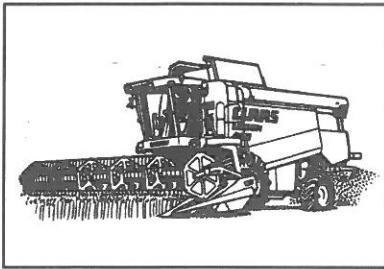


- **Approved UK Service Centre for repairs to electronic weighing indicators and weigh bars manufactured by:-**
    - Digi-Star
    - Dinamica Generale
    - Eaton
    - Griffith Elder
    - Label
    - Moba
    - Perin
    - PTM
    - Weigh-Tronix
  - **And weighing systems fitted to feeders manufactured by:-**
    - Abbey
    - BVL
    - Gehl
    - General Mix
    - Gilioli
    - Hispec
    - J F Stoll
    - Keenan
    - Khun
    - Knight
  - Kverneland
  - Malgar
  - Mutti
  - Oswalt
  - Reco
  - Redrock
  - RMH
  - Sgariboldi
  - Seko
  - Shelbourne Reynolds
  - Star
  - Storti
  - Strautmann
  - Trioliet
  - West
  - Westmac
  - Zargo
- **New weighing indicators and weigh bars also available**

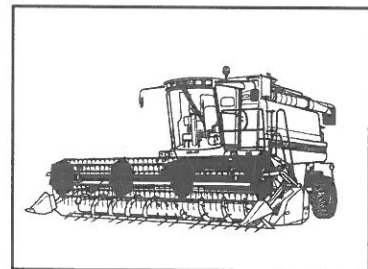
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# Combine Electronic's Repaired



## CASE

- 1460/1660
  - Grain Loss Monitors and Sensors
  - Performance Monitor
- 2100 and 1300
  - Air Conditioning Controllers
  - Cab Pillar Dash and Monitor
  - Table Height Controls and Levelling System

## CLAAS

- 90 and 100 series
  - Grain Loss Monitors and Panels
- Air Conditioning Controllers
- Cebis Terminal #

## MASSEY FERGUSON

- 750 and 760
  - Combine Monitor and Tacho
- 27 and 31
  - Unicontrol
- 32, 34, 36, and 38 Models
  - Datavision 1 Monitor
  - MA, FO, OV Units
  - Auto Level Control
  - Yield Sensors
- 40 RS
  - RH and LH Auto Level Computers
  - Yield Sensors
  - Datavision 2 Monitor #
- Grain Loss Tubes
- Grain Loss Panels

## NEW HOLLAND

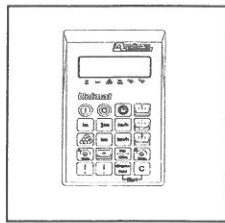
- CR & CX Series
  - Intelliview Terminals
  - CCM Modules #
- TF Series
  - Actuator Print
  - Engine Actuator Print
  - Lighting Print
  - Optical Hub Print
  - Valve Print
  - Engine CPU Print #
  - Main CPU Print #
- TX Series
  - C-Board Interface Print
  - Fuse Print
  - Grain Loss Monitor
  - Main CPU Print #
- 8000 Series
  - Grain Loss Monitor
  - Grain Loss Panels
- TF & TX Series
  - Tachometer (Older Models)
  - Autolevel Print
  - Level Control (Bosch) Print
  - Shaft Speed Monitor (Older Models)
  - Auto Interface Float Print
  - Lateral Float Print
  - Main Control Panel Switch and LED Prints
  - Multi-function Lever and Prints
  - Relay Print
  - Infoview Screen
  - Grain Loss Panels (Older Models)
  - Header Compensation Module X57#

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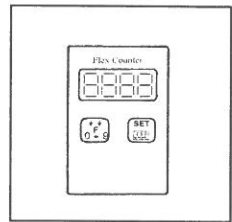
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# New Controls and Monitors



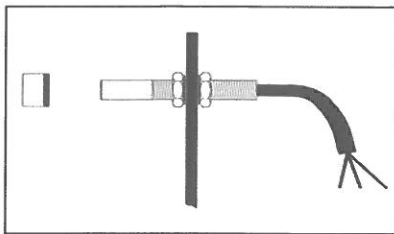
To complement our repair work, a range of new electronic controls and monitors are now available, from very simple counters and area meters to controls compatible with ISOBUS. Phone for more information.

- **Simple Counter**
  - Use as a unit counter (measuring distance or registering flow), speed indicator, area counter, revolution counter (shaft speed), working hours or wrap counter.
- **Speed / Area / Distance Meter**
  - Calculate part and total area worked, operating time, area performance in hectares per hour.
  - Display distance covered, forward speed
  - Monitor 2 shaft speeds
  - Item Counter
- **Bale Wrap Counter**
  - Count number of wraps per bale, number of wrapped bales per "job", total number of wrapped bales.
  - Semi-automatic wrap control (optional)
- **Seed Drill Monitors and Sensors for:**
  - Grain Drills
  - Precision Seed Drills
- **Sprayer / Fertiliser Spreader Controls and Monitors**
  - Monitor / Control flow and pressure, control spray rate, adjust boom sections, calculate area quantity sprayed, distance covered etc
  - Trailed Sprayer Controls and Sensors
  - Tank Controls and Meters
  - Distribution Manifolds and Switch Boxes
- **Diet Feeder Weighing Systems**
  - Weight Indicators – from simple "weigh up / weigh down" indicators, to indicators that include rations with different components and output to remote display, printers or PC.
  - Weigh bars to fit most diet feeders.
- **Pulse Loss Detection Monitors**
  - (Warns of a loss in rotation/shaft speed) Made to Order
- **Joysticks and Valves for material handlers (Sauer-Danfoss)**
- **Hedge-cutter Controls**
- **Sensors, Switches and Connectors etc**

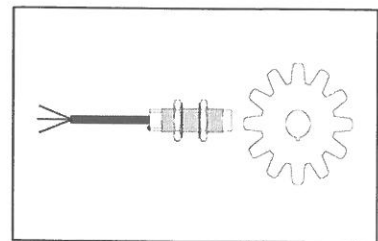
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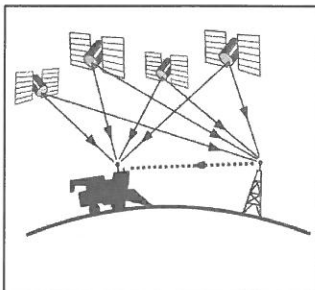


# Sensors

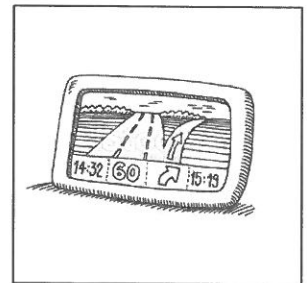


The following types of sensor available:-

- Reed Switch
- Hall Effect
- Inductive
- Capacitive
- Optical
- Radar (True Ground Speed)
- Flow
  - Turbine
  - Bucket Wheel
  - Magnetic Inductive
- Pressure



## Precision Farming, GPS and Guidance Electronic's



### REPAIR

ISOBUS, Guidance Terminals and GPS Recievers from a range of manufacturers including:-

- Ag Leader
- Claas
- CNH
- Hemisphere
- John Deere
- Kverneland
- LH Agro
- Muller
- NovAtel
- Patchwork
- Raven
- Teejet
- Topcon
- Trimble

### NEW SUPPLY

A range of Precision Farming Equipment including Guidance Terminals, GPS Receivers up to full ISOBUS Precision Farming Systems. These also include Auto Steering along with a range of accessories and cables.

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