# PRODUCT GUIDE

PROVIDING EFFICIENCY TO FARMERS WORLDWIDE

**7th Edition REV A**

■ Variable Rate ■ AutoSteer ■ GPS Land Levelling ■ Monitoring ■ Control ■ Spare Parts

**FARMSCANAG**

www.farmscanag.com

# ■ A bit about us

Since 1976 Farmscan Ag has developed, acquired and employed industry leading technologies, innovations and innovators to help Australian farmers become among the world's most efficient producers via a complete range of electronics to steer, map, monitor and control spraying, spreading, planting and harvesting machinery.

The three Directors of Farmscan Ag - John Chalmers, Jason Stone and Ian Giles - have over 60 years of industry experience between them, and are backed by an experienced team of professionals.

Being Australian and having strong ties to the farming community means customer feedback directly defines the quality and content of our products, and ensures they are perfectly suited to Australian and international farming needs. Farmscan Ag is now the only wholly Australian-owned Precision Agriculture design, manufacture and solution provider.

Farmscan Ag products are continuing to gain international recognition with expanding operations in New Zealand, Europe, North America, South America, China and South Africa.

## FARMSCAN AG PRODUCTS

Farmscan Ag products are developed under the harshest Australian conditions, with input from farmers and contractors to ensure practical features and user-friendly operation.

Our AgGuide GPS guidance, vehicle and implement auto steering products are leading the world with special capabilities to operate round and round, contour and in parallel mode for both broad-acre and row crop farming.

Advanced mapping, record keeping and GPS Laser-Levelling capabilities mean AgGuide is a comprehensive system for productivity and precision agriculture.

The 1020 seeder blockage monitor is one of our original products and has stood the test of time to be one of our most sought after monitors, due to its simplicity to install and operate.

The release of the 7000 series product line in 2015 gives us one of the most comprehensive and user friendly range of controllers with capabilities ranging from spray, seeding and fertiliser applications.

Combined with the Jackal (with it's increased features and multilingual options) the company is in its strongest position ever.

## FARMSCAN AG SALES NETWORK

Farmscan Ag products are available as standard equipment on new machines or can be purchased as a retrofit kit through most farm machinery dealers and stores under the CRT/RuralCo network, Elders & Landmark. The complete list of dealers is listed on our website www.farmscanag.com

Farmscan Ag currently supplies leading manufacturers in Australia and New Zealand including Gason, Simplicity, Horwood Bagshaw, Smales, John Shearer, Agrowplow, Duncan Ag, Silvan, Marshall & Bredal

GPS guidance and auto steering products are sold and supported by Farmscan Ag Premium Dealers. These are a specialised group trained by Farmscan Ag personnel and equipped to conduct in-field demonstrations and provide frontline product support.

## FARMSCAN AG SERVICE

Farmscan Ag has a series of dedicated service outlets throughout Australia and New Zealand that are able to carry out fast repairs to minimize downtime at critical times throughout the year. They also carry a range of hire units to allow the farmer to keep working when even a quick repair will cost the farmer in time and money.

We also have an in house service department that can assist farmers over the phone and, if required, in the field. Our recently added TechDirect service allows for remote assistance in the field when in a mobile coverage area and connected to your guidance system.



Ian Giles, John Chalmers, Jason Stone

# ■ Index

# What's new for 2017

**NEW
3G HIDDEN
CAMERA**

The Farmscan Ag Camo CAM HD with 3G is the ultimate in farm surveillance where mobile reception is within reach.

Unsuspecting thieves can be caught in the act stealing your fuel, tools & other farm property.

Receive notifications and images via MMS (Picture messaging) or e-mail when movement is detected.  SMS Commands are also accepted. - More Information & Specs on our website

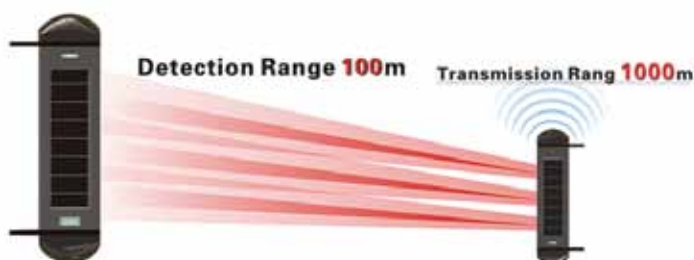| Order Code | |
| --- | --- |
| 3250-3G | Camo Cam HD + 3G |

**Pan,Tilt,Zoom (PTZ)
3G/4G - Coming Soon**

The Farmscan Ag 3260 is a new revolutionary solar powered Wifi 3/4G enabled camera and is perfect for surveillance of remote construction sites, farms and properties. The camera has a built in rechargeable batteries that provide ample power sufficient to run the camera for 48 hours uninterrupted.

The camera requires a data SIM card to provide wireless connectivity, enabling the camera to be viewed remotely from an iOS or Android smartphone. - More Information & Specs on our website. To be released late 2017.

| Order Code | |
| --- | --- |
| 3260 | Solar Camera with Wifi & 3G/4G |

**NO Wirng Beam Sensor**

Technology of Solar patent
Cloudy and rainy days can be normally use

Detection Range 100m          Transmission Rang 1000m

- Driveway / Shed alert system
- Completely wireless & solar powered
- 1 km clear line of sight with transmitters
- Long range options available
- Indoor house alert unit
- Indoor strobe & siren options
- 2-8 solar beam options available

## SOLAR POWERED FARM ALARM - COMING SOON

**BEST SELLER**

RUN | OK
55 RATE L/Ha
18.0 SPD km/h
54.6 AREA Ha

**Jackal
3 Section Spray Controller
Page 8**

**74V1**
**Spray Control**

18 | 456
Speed km/h | Pressure kPa
50 | 4584
Tank 1 Rate L/Ha | Tank Level L

**Page 22**

**7500**
**Seed Control**

8.6 | 1499
Speed km/h | Fan rpm
50.0 | 40.0
Seed kg/Ha | Urea kg/h

**Page 28**

**7300**
**Spread Control**

14.0
Speed km/h
12 | 1500
Spread Width m | Spinner 1 rpm
46 | 7.5
Bin 1 Belt 1 kg/Ha | Job 1 Applied Ha

**Page 30**

# Farmnavigator G7 - Ezy

## A precision farming display like you have never seen before!

The Farmnavigator G7 Ezy is the ultimate starter GPS solution for today's precision farmer. Italian designed and German engineered to withstand Australia's harshest conditions. If you thought Intelligent Farming technology was not for you, the Farmnavigator G7 Ezy will change your mind.

**DID YOU KNOW:**

The G7 allows you to export your maps to Google Earth & print them out!

Free to Air GNSS Receiver

**Optional Remote Control**

- The G7 Ezy Farmnavigator is powerful yet weighs only 640g. The special bracket includes a cigarette power cable and 3 serial ports for the external GPS input. The display is covered edge to edge with hard glass that can be easily cleaned from dust. Suitable for use on tractors without a cab on farm motor bikes.
- The Farmnavigator G7's easy to use icon based menu makes navigating easy. With easy to read pictures and descriptions anyone can use the unit with minimal training & guidance experience.
- Not only can you zoom in and out with two fingers on the 7″ touch screen, you can use the optional remote control, which can be fixed anywhere in the cab, to ensure precise commands when driving over bumpy fields.

Not only does the Farmnavigator G7 give you complete on screen guidance, it also keeps a record of  jobs, implements & fields at all times for quick reviewing and retrieval during operation.

Choose among 4 different types of guide lines: straight parallel, Contour, Round and Round or existing tramlines. Save and recall guidelines for further activities in the field.
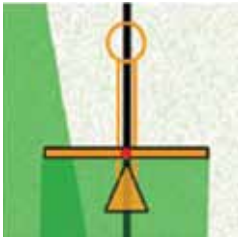
## CHOOSE YOUR GUIDANCE PATH

Easily set the guidelines and the working width to get your navigation runlines & guidance.

Follow the on screen lightbar showing how much the vehicle has to be corrected when you drive by hand.

## The Farmnavigator G7 has you covered.
## Any SiZe, any shape!

# RATE CONTROL & AUTO BOOM SWITCHING - COMING 2017

## The Farmnavigator G7 "Special" guidance icon

The unique cursor design indicates your exact position and heading: making sure the black guidance line is always visible through the circle on the top of the cursor. The cursor will help you understand the tractor turn radius, when working with large widths. This will help you correct your steering and assist with returning to the line sooner.

## Sections control with implement profiles

Create a profile for each implement and activity e.g. seeding, fertilising, or spraying: set the working width, or the number of boom sections and their individual width. Then choose a profile and get indications for manual boom switch control to start reducing costs. *In late 2017 we will be introducing rate control and automatic boom switching. Give us a call to discuss your options.*

## Database of fields and jobs

Start creating your fields' database: measure your field boundary, calculate the area and save the position of obstacles or soil samples.
The Farmnavigator G7 records data for each job (each activity on a specific field) for Cross Compliance checking, including quantity of application, driver's notes, total time, worked area, implement profile etc.

### DID YOU KNOW:

**The Farmnavigator G7 is constantly growing & FREE updates can be downloaded when available.**

| Order Code | |
|---|---|
| FARMNAV-G7 | Farmnavigator G7 Ezy |

Spare parts are available on request

*Looking for better accuracy?*
*Talk to us about the NovAtel range of receivers.*
*Free to Air - Dual Frequency - RTK - GPS/GLONASS*

## MAP YOUR FIELD

**1**

- Create headlands & recall in each field
- Calculate field boundaries & applied field area
- Save boundary & data (including worked area) of the fields in a database & export to Google Earth™
- Save the position of obstacles or soil sample sites

## FIELD GUIDANCE

**2**
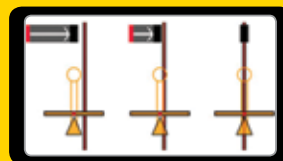
- Choose among 4 types of guidelines to be followed when working the fields
- Farmer-friendly guidance cursor
- Save and recall guidelines for further activities in the field

## SECTION CONTROL & SWITCHING

**3**

- Virtual Boom switching
- Auto Boom Switching & Rate Control *(Coming 2017)*
- Implements profile set up

## JOBS & IMPLEMENTS

**4**

- Recall implements for each new job
- Save jobs and export
- Simple & easy to use

# Jackal Multifunction Monitor & Controller

**NOW WITH
RATE & 3 SECTION CONTROL**

- *speed & area meter*
- *flow meter*
- *batch meter*
- *RPM monitor*
- *surveillance*
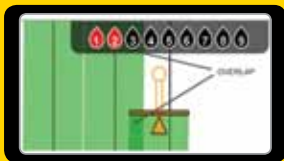- *plus more . . .*

The Jackal is a compact, robust multifunctional monitor & basic spray controller that adapts onto any machine. Performing simultaneous tasks, recording trips and alarm outputs the Jackal is a truly outstanding device that every farming operation should have.

Here are just a few of the many functions possible :

| | | |
|---|---|---|
| Area/Speed Meter | Tacho/RPM Meter | Flow Meter |
| Batch Meter | Flow Controller | Rate Monitor |
| Level Meter | Counter | Pressure Monitor |
| Depth Meter | Wheel slippage | Temp Monitor |

- The Jackal is capable of monitoring and controlling 6 functions simultaneously.
- With appropriate sensors attached the Jackal can display simple speed, area & RPM to providing a full 3 section rate control for liquid applications. A single Jackal can do it all!
- A total of 12 ports available which are split between monitoring and control functions.
- Sensors are simply terminated into the rear of the unit or a handy 5m + 5m Jackal harness can also be provided.
- There are multiple trip counters as well as an overall total allowing the operator to track numerous jobs in a period of work.
- The Jackal can be put 'on hold' by the operator or by a suitable signal switch from the machinery implement.

**3 Unlock Levels - Basic - Monitoring - Control**

# GREAT FEATURES INCLUDE

- Easy wizards for fast setup of Area & speed Meter, Area & speed meter with GPS, Tacho Meter, Flowmeter, Slippage Meter, Spray Controller & Generic Wizard

- 1UP, 2UP or 3UP line display - Your choice of up to 3 lines per screen (page)

- LIVE data as you scroll through each page

- Ability to short name each port. i.e. label Shaft 1 as SF1

- Set high & low alarm points for each input

- Enhanced Trip function for single & cumulative

- The ability for each input used to display information using imperial and metric units.

- Your choice of number of decimal places

- Arrange front page to your liking.... You select what you want to show on each line

- Auto calculate or manually set calibration factors

- External run/hold or alarm function

- Quickly enable/disable ports without losing settings for next time usage

- Radar function output

- 3 Section Rate controller with the ability to automatically & manually control a flow control valve , 3 sections plus dump valve.

## ■ Jackal Spray Controller

**Jackal Controller**

**5m Tractor Harness**  **5m Implement/Section Harness**

wheel sensor
or GPS Input
available

inlet from pump

pressure
sensor
(optional)

flow
sensor

pressure
relief
valve

flow
control
valve

dump
valve
(optional)

section valves
1  2  3

See Page 24 for Valve Control Bank Options
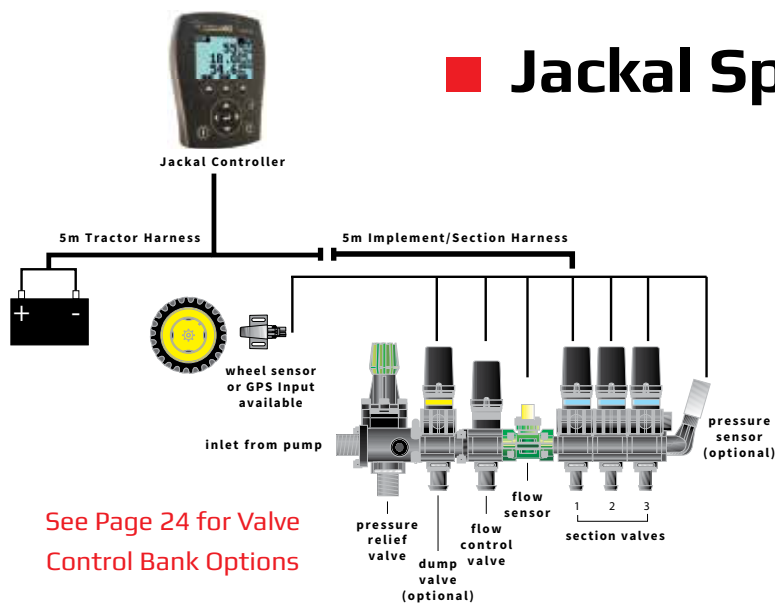
The Jackal 3 section spray controller offers great flexibility and simple to operate. Suitable for all sprayers, the Jackal Spray Controller integrates with your existing motorised or solenoid valves to provide fully automatic spray control.

The target rate is maintained automatically, so even when shutting down sections or when there is variation in speed or pressure, over/under application is virtually eliminated.

The Jackal displays application rate, speed, area tank level and more. Operators can increase or decrease rates on-the-go through preset steps.

Manual rate control is also available when flow or speed is not present. - Simply refer to your pressure gauge - adjust the flow control valve and get spraying!

**Need help? - Call to discuss your options**

## Pre Packaged Kits (Jackal & Sensor Kit)

| Order Code | | |
|---|---|---|
| Jackal-Basic-Area ^ | Jackal - Basic Area/Speed Meter Kit | (Limited - 2 Functions Unlocked) |
| Jackal-Monitor-Area ^ | Jackal - Monitor Area/Speed Meter Kit | (All Monitor Functions Unlocked - No Control) |
| Jackal-Control-Area ^ | Jackal - Control Area/Speed Meter Kit | (All Monitor & Control Functions Unlocked) |
| | | |
| Jackal-Basic-Tach * | Jackal - Basic Tachometer Kit (100-9999RPM) | (Limited - 2 Functions Unlocked) |
| Jackal-Monitor-Tach * | Jackal - Monitor Tachometer Kit (100-9999RPM) | (All Monitor Functions Unlocked - No Control) |
| Jackal-Control-Tach * | Jackal - Control Tachometer Kit (100-9999RPM) | (All Monitor & Control Functions Unlocked) |
| | | |
| Jackal-Basic-Tach-S # | Jackal - Basic Tachometer Kit (1-1500RPM) | (Limited - 2 Functions Unlocked) |
| Jackal-Monitor-Tach-S # | Jackal - Monitor Tachometer Kit (1-1500RPM) | (All Monitor Functions Unlocked - No Control) |
| Jackal-Control-Tach-S # | Jackal - Control Tachometer Kit (1-1500RPM) | (All Monitor & Control Functions Unlocked) |
| | | |
| | A-JACKAL | Jackal Monitor |
| | AA-110C ^ / # | Compact Reed Sensor (Black) - Area Meter Kit |
| | AA-133 ^ | Mini Wheel Magnet & Nut - Area Meter Kit |
| | AA-112C * | Compact Coil Sensor (Yellow) |
| | AA-117 * / # | Shaft Magnet - Hose Clamp Style |
| | AH-407 | Suction Mount Bracket |
| | AC-105 | Jackal Power Cable |
| | AC-205 | Sensor Extension cable 5m |
| | | |
| Jackal-Control-Spray | Jackal Spray Controller Kit - 3 Section | Kit Includes 5m + 5m Tractor & Implement harness |
| | - Excludes Valve Control Bank / Dump Valve / Speed Input | AC-4501/T - Tractor Harness 5m | AC-4501/S - Implement Harness 5m |

**See over the page for more add-ons or build you own kit**

# Build your own & Add-on Kits

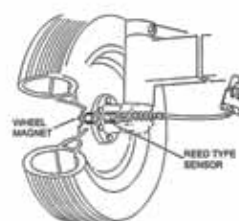| Order Code | | EXCLUDES SENSORS |
|---|---|---|
| Jackal-Basic | Jackal Basic Kit ONLY | (Limited - 2 Functions Unlocked) |
| Jackal-Monitor | Jackal Monitor Kit ONLY | (All Monitor Functions Unlocked - No Control) |
| Jackal-Control | Jackal Control Kit ONLY | (All Monitor & Control Functions Unlocked) |
| | A-Jackal | Jackal Monitor (Unlocked to level purchased) |
| | AH-407 | Suction Mount Bracket |
| | AC-105 | Jackal Power Cable |
| | P-321/P-322 | Jackal Input Plug (Grey & Green) |
| | HM-506 | 2.4mm Blade Screw Driver |

**GPS READY**

| Order Code | | |
|---|---|---|
| 1007P | Wheel Sensor Kit | |
| | AC-205 | 2 Way 5m Packard Extn Cable |
| | AA-133 | Wheel magnet & nut |
| | AA-110C | Compact Reed Type Sensor |
| | Suits Jackal, 1100, 1550, 2000, 2300, 2400, 24V1 | |

| Order Code | | |
|---|---|---|
| 2009 | Tailshaft Sensor Kit | |
| | AC-205 | 2 Way 5m Packard Extn Cable |
| | AA-133 | Tailshaft Magnet (AA-106) & Clamp (AH-423) |
| | AA-110C | Compact Reed Type Sensor |
| | Suits Jackal, 1100, 1550, 2000, 2300, 2400, 24V1 | |

| Order Code | | |
|---|---|---|
| 2034 | Pulley Sensor Kit (100-9999RPM) | |
| | Only one fast input available on the Jackal | |

| Order Code | | |
|---|---|---|
| 2060 | Bin/Tank level Sensor Kit | |
| | Detects full or empty, solids or liquids (2200, 3X00 or Jackal ONLY) | |
| | A-2220P | Bin level sensor |
| | AH-400 | Packard cable bracket |
| | AC-305 | 3 Way 5m connection cable |

| Order Code | | |
|---|---|---|
| 2076 | Shaft Sensor Kit (1-1500RPM) | |
| | AC-205 | 2 Way 5m Connection Cable |
| | AH-117 | Shaft Magnet & Clamp |
| | AA-110C | Compact Reed Type Sensor |
| | Suits Jackal & 2200 Surveillance | |
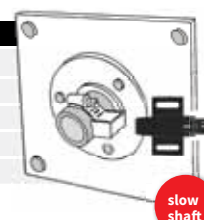
**slow shaft**

| Order Code | | |
|---|---|---|
| 2077 | Shaft Sensor Kit (100-9999RPM) | |
| | AC-205 | 2 Way 5m Connection Cable |
| | AH-117 | Shaft Magnet & Clamp |
| | AA-112C | Compact coil sensor |
| | Suits Jackal & 2200 Surveillance | |
| | Only one fast input available on the Jackal v1 | |
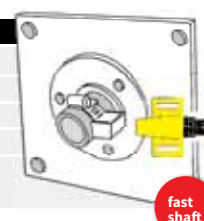
**fast shaft**

| Order Code | |
|---|---|
| **AA-119-L** | Pressure Sensor Kit **(0-20KPA) - LOW PRESSURE** |
| **AA-119-H** | Pressure Sensor Kit **(0-1000KPA) - HIGH PRESSURE** |
| | Suits Jackal, 7000 Series |
| | |
| | HM-406 |  1.5m 6mm Tubing |
| | HM-408 |  6mm Connector |
| | AH-427 |  Hose Clamp |

| Order Code | |
|---|---|
| **1501** | Solenoid Shutdown Kit |
| | AH-488 |  Solenoid Kit (2") |
| | AC-205 |  5m Solenoid Power Cable |

*When filling the tank, the operator can watch the display and shutdown the water manually or preset a required batch volume and use the optional solenoid shutdown kit to automatically stop the flow.*

# Flow meters - Control Valve Bank options
# PAGE 24 - 27

| Order Code | |
|---|---|
| **2202** | Jackal Junction Box **(Maximum of 13 Inputs) - Requires 12v** |
| | Provides 5m extension cable to weatherproof connection point for sensor/batch/remote options |
| **AC-LTW24V1T-01-M/F** | 5m Male/Female Extension cable |
| | Provides extra 5m male/female extension |

| Order Code | |
|---|---|
| **T-135** | Free to Air 5hz GPS (Approx 2.5m Accuracy) |
| | Can be used in place of wheel sensor when used with a Jackal V2/V3 and 7000 Series |

**SPEED INPUT**

| Order Code | |
|---|---|
| **2010P** | Proximity Sensor Kit (3 Wire) |
| | AC-305 |  3 Way 5m Packard Extn Cable |
| | AH-400 |  Packard cable bracket |
| | AA-2010P |  Proximity switch |

**Windows Desktop simulator also available for the Jackal**

# Optional Simulator

| Order Code | |
|---|---|
| **1001** | Sensor Simulator |
| | Connects in place of Flow/Wheel or Shaft sensor, generates variable pulse rate for stationary testing. |

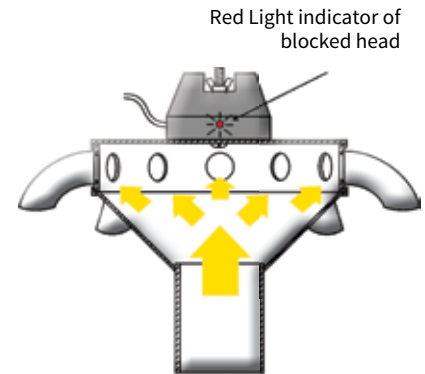## 1020 Airseeder Head Blockage

**#1 SELLER FOR OVER 40 YEARS**

Red Light indicator of blocked head



### NO MORE COSTLY UNSOWN STRIPS

Day or night there's no need to continually check your machine. The 1020 monitor warns you before major blockages end up costing you time and money!

The result is much less downtime, faster seeding and complete peace of mind.

The sensors are a proven performer with thousands of systems in operation. It can pay for itself fast!

### HOW IT WORKS

Fully sealed impact sensors are equipped with a bright red LED and bolted to each primary or secondary distribution head.

Sensors are then interconnected via a simple party line cable system that runs across the implement, avoiding the need for messy separate wires to each sensor.

As material flows, the sensor listens to the sound level according to sowing rates of seed and fertiliser. All the operator adjusts is the sensitivity control until the cab warning light remains just off - simple as that!

A drop in flowrate or blockage at any primary or secondary head will activate the Red LED at the sensor causing the cab alarm and warning light to activate.

By switching to HOLD, the operator can freeze the system and a quick inspection of all sensors will immediately pinpoint the problem.

The 1020 assists in picking many other problems with airseeders such as fan too slow or not engaged, disconnected and blocked primary hoses, lids not properly shut, empty bins, broken drives etc.

\*   Optional Low Bin Sensors are available for connection on the party line system to give early warning on low bin levels. (1022 Kit)

**TYPICAL LAYOUT**
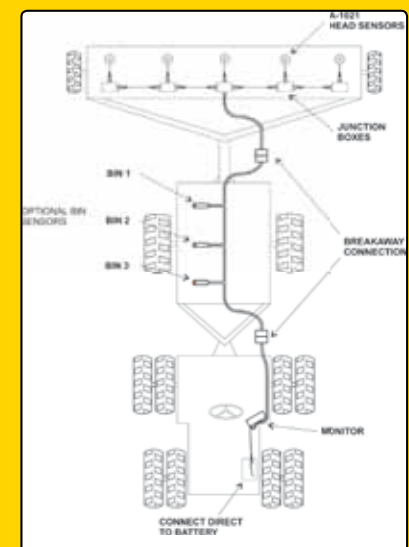


Layout example with head & bin level sensors attached.

## No more costly unsown strips

seed faster with complete peace of mind

**Kit Includes**
**6x Head Sensors**

| Order Code | |
| --- | --- |
| **1020** | Airseeder Blockage Monitor Kit - Single Shoot **(6 Heads)** |
| A-1020/3 | Air Seeder Monitor |
| A-1021 | Secondary Head Sensor (x6) |
| AC-101 | 8m Light Duty Power Cable |
| AC-1020T | 5mt 1020/3 Tractor Cable |
| AH-406 | Monitor Mounting Bracket - XM |
| AH-546 | 4 Way Junction Box (x1) |
| AH-547 | 3 Way Junction Box (x4) |
| AH-548 | 2 Way Junction Box (x2) |
| AH-861 | Thumbscrew - ¼" x ½" (x2) |
| AP-147 | 3 Pin Brylite Plug & Socket |
| C-003/30 | 3 Core BLACK/RED/WHITE (30m) |
| HG-706 | Cable Tie 290mm x 5.0mm (x50) |
| HN-3/8 | Nut 3/8 "UNC" (x6) |
| HS-10X3/4 | 10G X ¾ Pan S.Tapper (x2) |
| HS-3/876SS | 3/8 X 3 UNC Set Screw (x6) |
| HW-3/8 | Flat Washer 3/8 (x6) |

**Kit Includes**
**2x Monitors**
**12x Head Sensors**

| Order Code | |
| --- | --- |
| **1020T** | Airseeder Blockage Monitor Kit - Twin Shoot (12 Heads)<br>Kit contains as above with the addition of an extra Air Seeder Monitor, extra 4,3,2 way junction boxes, 50m 3 core cable & 12 secondary head sensor. |

# Spare Parts

| Order Code | |
| --- | --- |
| **A-1020/3** | 1020 Airseeder Blockage Replacement Monitor ONLY |

| Order Code | |
| --- | --- |
| **1021** | Secondary Head Sensor & Junction Box Kit |
| A-1021 | Secondary head sensor |
| AH-547 | 3 Way junction box, cable ties, bolt & copper spacer |

| Order Code | |
| --- | --- |
| **A-1021** | Secondary Head Sensor Replacement ONLY |

| Order Code | |
| --- | --- |
| **AH-548** | 2 Way Junction Box |

| Order Code | |
| --- | --- |
| **AH-547** | 3 Way Junction Box |

| Order Code | |
| --- | --- |
| **AH-546** | 4 Way Junction Box |

# 1025 Wireless Hose
■ # Blockage & Flow Monitor



**ISOBUS OPTION
NOW AVAILABLE**



- OPEN OR LEAKING CART LID
- PRODUCT BRIDGING IN BIN
- METER ROLL BUILDUP
- LEAKING OR BLOCKED PRIMARY
- LEAKING OR BLOCKED MANIFOLD
- BLOCKED OPENERS

a product from
**INTELLIGENT**
Agricultural Solutions
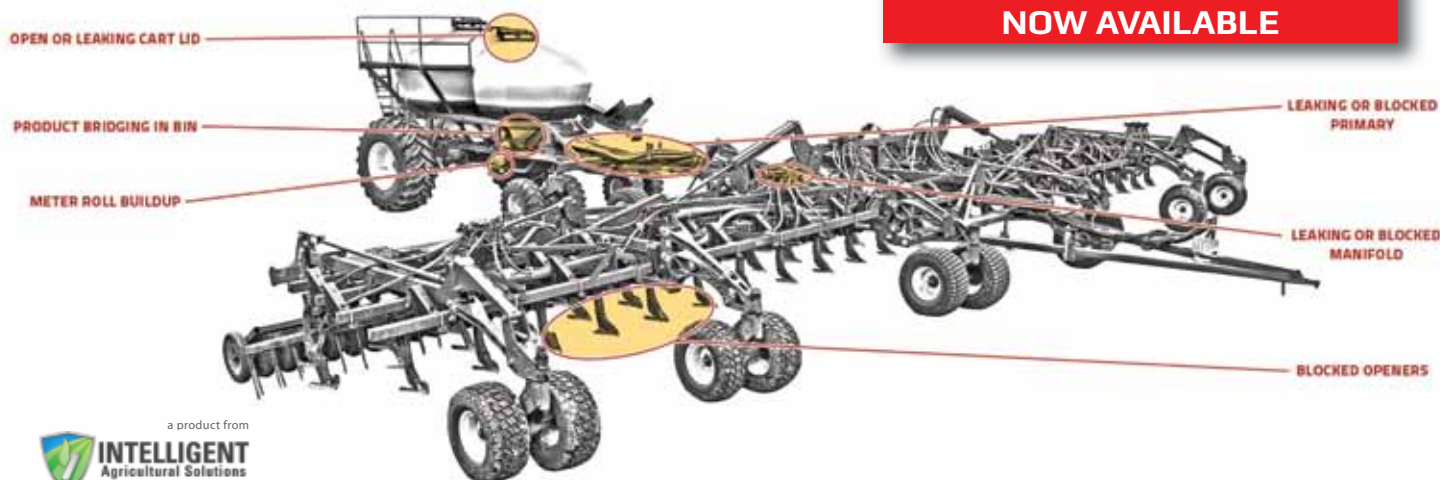
■ **INSTALL VIDEOS & FURTHER INFORMATION CAN BE FOUND ON OUR WEBSITE : WWW.FARMSCANAG.COM**

**CALL
1800 327 672
FOR A QUOTE**

| Order Code | |
|---|---|
| 1025-#-XX | Wireless Blockage Monitor Kit |

1025 - (# of heads) - (XX of tubes) - iPad not included / ISOBUS options available

| Order Code | |
|---|---|
| 1025-ECU | WBM Replacement ECU - Master/Slave |
| 1025-AP | WBM Replacement Wireless Access Point |
| 1025-ISO | WBM ISOBUS Tractor Kit |

| Order Code | |
|---|---|
| 1025-S | WBM Replacement Sensor Kit 1" (Includes Hose Clamps & Adapters) |
| A-1025-S | WBM Replacement Sensor ONLY 1" |
| 1025-S1.5 | WBM Replacement Sensor Kit 1.5" (Includes Hose Clamps & Adapters) |
| A-1025-S1.5 | WBM Replacement Sensor ONLY 1.5" |
| 3205-IP | Wireless Camera - *Please call for configuration options* |

# WIRELESS BLOCKAGE & FLOW MONITOR

BECAUSE YOU CAN ———
ONLY REAP
WHAT YOU SOW!

## ■ IT PAYS TO LISTEN TO YOUR AIRSEEDER.

Blockage and flow monitoring systems are essential to get good airseeder performance. But technical limitations and durability problems can quickly limit their profit maximising potential.

Optical sensors get covered in dust and residues. Wires can be pinched or come loose. Inaccuracies multiply as the system endures the harsh reality of the field. Then you're flying blind again. Not anymore. The Wireless Blockage and Flow Monitor developed by Intelligent Agricultural Solutions (IAS) & distributed exclusively in Australia by Farmscan Ag takes a different approach.

## ■ HEAR THE PROBLEM.

Wireless Blockage Sensors : Our sensors function like a stethoscope, resulting in a more durable solution for real seeding conditions.

As seeds leave the manifold, they impact a stainless steel membrane, creating small pulses of sound. These pulses are monitored by the electronic control unit (ECU), and information is relayed wirelessly to the cab where it's displayed on an Apple iPad or ISOBUS terminal.

## ■ SEE THE PROBLEM.

Once the information is displayed on your screen, you get a clear, complete view of your air-seeder's performance, whether it's flow levels or flow variance from manifold to manifold. If there's a blockage or even a decrease in flow, anywhere in the system, you'll know.

The capture function allows you to analyze data and tune your seeder for maximum performance.

The key difference between most monitors and the Wireless Blockage and Flow Monitor from IAS is its use of patent-pending acoustic sensors. These sensors instantly detect blockages or reduced seed flow, anywhere on the seeder.

## ■ IT'S SIMPLE.

### Monitor flow levels, flow variance and blockage with one simple solution.

**Easy to install:** The system is easy to install on new or existing air seeders. Most of the kits we sell are installed by the growers who bought them.

**Easy to use:** Visual and audible alerts let you know which runs on which manifolds need attention. One screen contains all the information you need.

## ■ IT'S FLEXIBLE.

Wireless Blockage Monitor - ECU & Sensor. The Wireless Blockage and Flow Monitor gives you options for unique operations – whether you want to use the system with multiple product types and rates; dry fertilizer applications, including deep banders and strip-till units; or dual-shooting and mid-row banders. With multiple sensor options, the system easily adapts to fit nearly any rig or application.

## ■ WIRELESS CAMERA

Wireless cameras can be added to the Wireless Blockage Monitor via a separate APP that can be installed on the iPad. While viewing the camera's, blockage alerts are still visible through the iPads' on screen notifications.

## ■ IT'S RELIABLE.

Wireless Blockage Monitor - ECU. Because the system doesn't rely on optical or electromechanical technology, you're better protected from the dust, debris and residues that are an accuracy-killing fact of life on the farm.

The vast majority of failures in seeder monitors involve a wire problem. So we eliminated the wires between the ECU and display. Wi-Fi technology and robust rubber tubing take bad connections out of play and bring your productivity to new heights.

# ■ 2166 Portable Digital Grain Moisture Meter

**BEST SELLER**

### Dependable performer

The Grain Moisture Meter 2166 is a dependable performer, providing consistent grain moisture readings across a wide variety of grain types.

The unit is extremely robust and simple to use with in built temperature compensation to minimise variations in the field.

### Features

- ■ 40 grain scales
- ■ Multi-Point™ adjustable calibration.
- ■ Averaging capability displays running  average of tests.
- ■ Back lighted display.
- ■ Higher-frequency, capacitive circuit improves accuracy.
- ■ Enhanced temperature compensation circuit.

### Technical specifications

- ■ Operating Range (Moisture): 5% to 40% (depending on grain tested.)
- ■ Operating Range (Temp): 0° - 45° C
- ■ Repeatability: +/- 0.5% (normal moisture range for stored grain)
- ■ Accuracy: +/- 0.5% (normal moisture range for stored grain)
- ■ Display Resolution: 0.1% moisture

| Order Code | |
|---|---|
| 2166 | Digital Grain Moisture Meter |

# ■ 2167 Digital Grain Moisture Meter PLUS

### Ultimate performer

The all new non-compaction Digital grain moisture meter PLUS unit features a direct readout for 20 different grains without pre-weighing, at the touch of a button.

Within seconds, the unit provides the moisture level and test weight. The unit also features a backlit LCD display, no-spill technology with a patented swiper arm and a heavy-duty carrying case with strap.

### Features

- ■ Direct readout for 20 different grain scales
- ■ Displays grain test weight (no pre-weighing)
- ■ Measures moisture fast, easy, and accurately
- ■ Non-compaction design with LCD display
- ■ USB compatibility
- ■ Automatic temperature compensation

### Technical specifications

- ■ Moisture range of 6% - 45%, depending on the grain tested, with a temperature range of 5 ° - 45 °C.
- ■ The repeatability and accuracy is +/- 0.3% in normal moisture range for stored grain with a display resolution of 0.1% moisture.

| Order Code | |
|---|---|
| 2167 | Digital Grain Moisture Meter PLUS |

# 2178 Baler Moisture Meter PLUS



## Multi Sensor On The Go Moisture Reading

The 2178 with multi-sensor technology takes readings on the left and right side, as well as through the bale, for greater accuracy.

The 2178 mounts in the cab of the tractor and provides a direct readout for % moisture while baling hay. Having multiple moisture content readings during each step of the hay making process is critical to finishing with a high quality product.

## Features

■ Bale type: small square and round

■ Multi-sensor technology takes readings from the left, right and middle of the bale for greater overall accuracy

■ Average of readings updated and displayed every 3 seconds

■ Large, illuminated LCD display and keypad for easy viewing during day or night

■ ± Moisture offset adjustments

■ Adjustable high/low limit of moisture reading

■ Firmware/calibration curves upgradable via standard USB

## Includes

■ Display module

■ 3m power cable

■ Two sensor pads

■ Two 10x sensor cables

■ Twelve sensor cable ties

■ Mounting Hardware

■ USB Cable

■ Installation instructions

Operating Range (Moisture): 8% to 40% depending on baler type u sed
Accurate throughout the normal range of stored hay
Display Resolution: 0.1% moisture

| Order Code | |
|---|---|
| 2178 | In Chamber Baler Moisture PLUS Sensor Kit |

## Spare Parts

| Order Code | |
|---|---|
| 2178S | In Chamber Moisture PLUS Sensor Replacement (Single) |

| Order Code | SUITS  2177 & 2178 |
|---|---|
| 2177C | 3m Extension Cable (Packard to Packard Extension) - 2 Wire |
| 2177SC | 8.5m Extension Cable (Packard to Ring Terminals for Sensor) - 2 Wire |
| 2178C | 10.5m Extension Cable (Packard to Ring Terminals for Sensor) - 2 Wire |
| 2178PC | 3m Power Cable - Suites 2178/2177 (Fused to Bare) - 2 Wire |

| Order Code | |
|---|---|
| 2177S | In Chamber Moisture Sensor Replacement (Single) - White or Black |

# 2188 Digital Hay Moisture Meter

### Get the moisture right

The 2188 hay probe provides consistent moisture and temperature tests to ensure quality bales that are safe to store.

Suitable for large and small square or round bales, the 2188 is light weight, extremely robust and gives a fast result.

### Features

- 50cm tough probe
- Large LCD digits clearly visible day and night
- Handy infield calibration clip *
- Display resolution : 0.1% moisture
- Direct readout for % moisture and bale temperature

Moisture range : 8 - 45 %
Temp range : 0 - 107 degrees

Self Calibration Clip

| Order Code | |
|---|---|
| 2188 | Digital Hay Moisture Meter Probe |
| A-2188CC | Replacement calibration clip |

# 2199 Digital Scales

120kg

| Order Code | |
|---|---|
| 2199 | Digital Scales - Max 120kg |

### Features

- 120kg MAX capacity
- 0.02kg/20gram resolution
- Tare function on container weight
- Robust carry case
- Tough di-cast weighing platform
- 9V battery - 60 hours operation

# Quad Screen & Multi Camera Monitoring

## Digital Wired Version

The Multi Camera Monitoring System provides you with the ability to monitor exactly what is happening around you.

Gaining better control and peace of mind that the bin behind you is full, the chain drive is still turning and delivering fertiliser to the ground, or the riddle on your header is not overloaded, will improve the efficiency of your farming operation.

The Multi Camera robustness and ability to endure all Australian weather conditions makes it an essential part of any farming operation.

Easy to install and operate, the cameras have in-built infrared LED's allowing them to see in dark and dusty conditions.

**QUAD DISPLAY**

All kits contain a 7" or 9" Quad Screen with 4 camera inputs, 2x standard (3101) square style cameras & 2x 10m extension cables (3100-EXT-10M)

## Features

- Colour 7" or 9" Quad TFT LCD Screen
- 4 camera inputs built into the wiring harness as standard
- Split screen mode (4 ways)
- Colour camera with infrared night vision sealed in robust cast alloy housing
- Bullet colour (option) camera can view inside bins in complete darkness with infrared night vision
- IP Rated camera
- Weather proof connections
- 12v or 24v
- Scan function (1-4 Cameras)
- Remote control

### NOW INCLUDES "U" BRACKET AND "DASH" MOUNT

| Order Code | |
|---|---|
| 3100 | **Quad Screen Multi Camera Kit with 7" Screen**<br>Kit contains a 7" Screen with 4 camera inputs, 2x standard square style cameras & 2x 10m extension cables. |
| 3109 | **Quad Screen Multi Camera Kit with 9" Screen**<br>Kit contains a 9" Screen with 4 camera inputs, 2x standard square style cameras & 2x 10m extension cables. |

# Add-on & Spare Parts

Other individual spare parts are available on request

| Order Code | |
|---|---|
| 3101 | Colour Camera Square (Night Vision) - 92° Viewing (Sony) |

| Order Code | |
|---|---|
| 3102 | Colour Bullet Camera Kit (Night Vision) - 35mm Long x 31mm Hole |

| Order Code | |
|---|---|
| 3100-EXT-05M | Camera Extension Cable - 5 m |
| 3100-EXT-10M | Camera Extension Cable - 10 m |
| 3100-EXT-15M | Camera Extension Cable - 15 m |
| 3100-EXT-20M | Camera Extension Cable - 20 m |

Brackets    Implement

5m    5m Tractor to screen

| Order Code | |
|---|---|
| 3100-TC-4 | **7 Pin Trailer Connector Kit - 4 camera support**<br>Provides breakaway option to connect 4 cameras. Includes 5m extension |

| Order Code | |
|---|---|
| 3100-CC | Extra Camera Cable Harness with 4 Inputs (Useful for vehicle transfer)<br>** Monitor must have DUAL cable output ** |
| 3100-PC | Extra Monitor Power Cable with Fuse (Useful for vehicle transfer)<br>** Monitor must have DUAL cable output ** |
| 3100-PCC | Extra Monitor Power & Camera cable Harness (Useful for Vehicle transfer)<br>**Monitor must have SINGLE cable output** |

# ■ Analog Camera Monitoring - Dual Channel

**Analog Wireless Version**

## Great for Multiple Vehicles!

**NEW FREQUENCY CHANNELS 2400MHZ RANGE**

The Multi Camera Monitoring System provides you with the ability to monitor exactly what is happening around you.

Great for use with haul outs, chaser bins in all industries from cane to grape!

The Multi Camera robustness and ability to endure all Australian weather conditions makes it an essential part of any farming operation.

Easy to install and operate, the cameras have in-built infra-red LED's allowing them to see in dark and dusty conditions.

### Features

- ■ Dual Selectable channel (CH1-CH2-CH3)
- ■ Maximum of 3 Cameras
- ■ Display **one** camera at a time (NO SPLIT)
- ■ Colour camera with infrared night vision sealed in robust cast alloy housing
- ■ All the connectors are weather proof
- ■ 12v or 24v
- ■ Remote control
- ■ Camera to monitor distance - Up to 50m

## ORDER OPTIONS
### Order any number of screens & cameras. Sold EACH

| Order Code | |
|---|---|
| 3307 | Analog Wireless 7" Monitor Kit - CH1- CH2 - CH3 |
| 3301-2414 | Analog Wireless Camera ONLY - CH1 @ 2414Mhz - Order in ONLY |
| 3301-2432 | Analog Wireless Camera ONLY - CH2 @ 2432Mhz - Standard Stock |
| 3301-2450 | Analog Wireless Camera ONLY - CH3 @ 2450Mhz - Standard Stock |

**Dual Channel Screen on Channel 2**
Vehicle fitted with Camera on Channel 2

**Dual Channel Screen on Channel 3**
Vehicle fitted with Camera on Channel 3

**Haul-out Vehicle/Chaser Bin #1 with**
Dual channel screen can select
Channel 2 or 3

**Haul-out Vehicle/Chaser Bin #2 with**
Dual channel screen can select
Channel 2 or 3

**Haul-out Vehicle/Chaser Bin #3 with**
Dual channel screen can select
Channel 2 or 3

# Wi-Fi - Rechargeable - Portable

The all new Farmscan Ag Eye View is the perfect Wifi to mobile device camera system designed to assist anyone with troubles backing up, hitching a trailer or simply monitoring traffic behind you while pulling farm machinery.

The Farmscan Ag Eye view camera comes with a magnetic mount, recharge cable and internal battery to last over 5hrs. Simply charge the camera via a USB socket or the same way you charge your phone.

*Android & iOS App available for download*

| Order Code | |
|---|---|
| 3205 | Wi-Fi Portable & Rechargeable Camera |

# Wi-Fi - Rugged - 12v

**Perfect add-on to the Wireless Blockage Monitor Kit or Standalone**

In addition to the Farmscan Ag Eye View we welcome the IP series to our line up. The IP series uses Wi-Fi to display remote cameras direct to your iOS or Android device through an easy to use APP. For those who have the Wireless Blockage Monitor kit this is a great add-on to the system.

Cameras can be used stand alone or when multiple cameras are on the same network easily select the camera you wish to view. A n extra Wi-Fi device can be supplied in each kit to provide the Wi-Fi setup

FULL ORDER DETAILS ONLINE @ WWW.FARMSCANAG.COM

| Order Code | |
|---|---|
| 3205-IP | Wifi IP Rugged Camera |

# Camo Cam 3250 HD Surveillance Camera

**0.3s SHUTTER SPEED**

The Farmscan Ag Camo Cam HD is the ultimate in farm surveillance. Small, compact & portable it's a great edition to reduce farm theft on your property. Unsuspecting thieves can be caught in the act stealing your fuel, tools & other farm property.

The camera is designed to be mounted on a post or tree and is only activated when motion is detected. The BLACK glass allows for the IR (Night) lenses remain undetected during night shots.

The Camo Cam runs on 8x AA batteries and comes with a 16GB SD Card for recording images or videos. We recommend Lithium batteries for extra battery life while in standby mode.

Includes 16GB SD Card

Requires 8x AA Batteries

### Other Features

- Up to 6 months standby : 8x AA Basic Alkaline
- Up to 12 months standby : 8x AA Premium Lithium
- Kit : USB/AV Cables, Strap & SD Card
- Lockable Enclosure

Up 16MP/1080P (HD) | Single/Burst Shot or video capture| Colour by Day, B&W by night | Lens > f=7.36mm;FOV=55°; F/NO:3.2;  Auto IR-Cut-Remove (at night) | 2.4" Colour Display | 1/10~1/2000 Second |<0.3 Second shutter | IR 25m-30m (36 LEDs) | Dark Glass | 4 setting PIR | Programmable trigger values for picture & video | 140*104*70mm/235g | Upto 60° operating temperature

FULL DETAILS ONLINE @ WWW.FARMSCANAG.COM

| Order Code | |
|---|---|
| 3250 | Camo Cam HD - Portable Surveillance Camera (inc 16GB SD card& Excl 8x AA Batteries) |

# ■ Spray Controller 74V1

Up and down hills or through boggy conditions, the 74V1 spray controller compensates for changes in speed, pump pressure or section shutdown to maintain the target rate you select. The 74V1 can also simultaneously manage multiple tanks with individual rates. Perfect for those dual rate systems. Couple this with the in built Jobs setup & easy to use "Tile" & "Tab" system, the 74V1 is the perfect spray rate controller for any farming operation.

**NOW WITH FULL AS APPLIED MAPPING & DUAL RATE CONTROL**

**Innovative software & robust , reliable hardware make this a formidable & versatile product**

TOUCH SCREEN

**GPS READY**

## Flexibility in the field

For heavy and light weed patches, you can increase or decrease rates on-the-go via the master switch box or touchscreen to give instant stop/start control at headlands or when refilling.  With the ability to handle multiple tanks and multiple rates at the same time the 74V1 is a truly flexible unit that can stand up to any challenge in the field.

## The 74V1 is up to the challenge

■ Clever status indicators tell the operator at a glance when the sprayer is operating 100% on target. In the event of any change, a red visual and audible alarm is activated.

■ The on screen prompts assists the operator with simple instructions when calibrating, displays warning messages and provides advice on corrective action.

■ In consideration of quality assurance demands, spray records for virtually unlimited trips are maintained with time/date stamping. A CSV export function is also available. ^

■ Set-up and calibration options can be locked out to avoid unauthorised tampering.

■ The 74V1 will also have the ability to load application shape files for Variable Rate Control (VRC) spraying.

multiple language support

^ data logging built in
*GPS Required*

switch box

# Advanced FEATURES 74V1

## User defined tab & tile display format

You can choose any 4 or 6 tile main display options & up to 4 tabs (pages), so the information you need can be viewed the way you want it.

## Second sprayline feature

The optional second sprayline is activated automatically when the first sprayline reaches maximum pressure.

The benefits of second sprayline have been proven in the field. Operators can now:

- Work faster when conditions allow.
- Change rates without changing nozzle size.
- Get better weed kill through better

## Slow hold

When slowing at headlands or around obstacles, the slow hold facility avoids pressure drop and loss of spray coverage by automatically holding the control valve at a minimum operating pressure.

## Multi-step control

A system that works with different size nozzles in each sprayline.

The controller automatically selects first, second or both spraylines to maintain the best working pressure.

This results in smoother transition from one line to the other and even greater flexibility in rates and working speeds.

## Record Keeping

To simplify record keeping, field names and numbers can be created and stored in memory to suit your farm then simply selected by the operator when starting a new job.
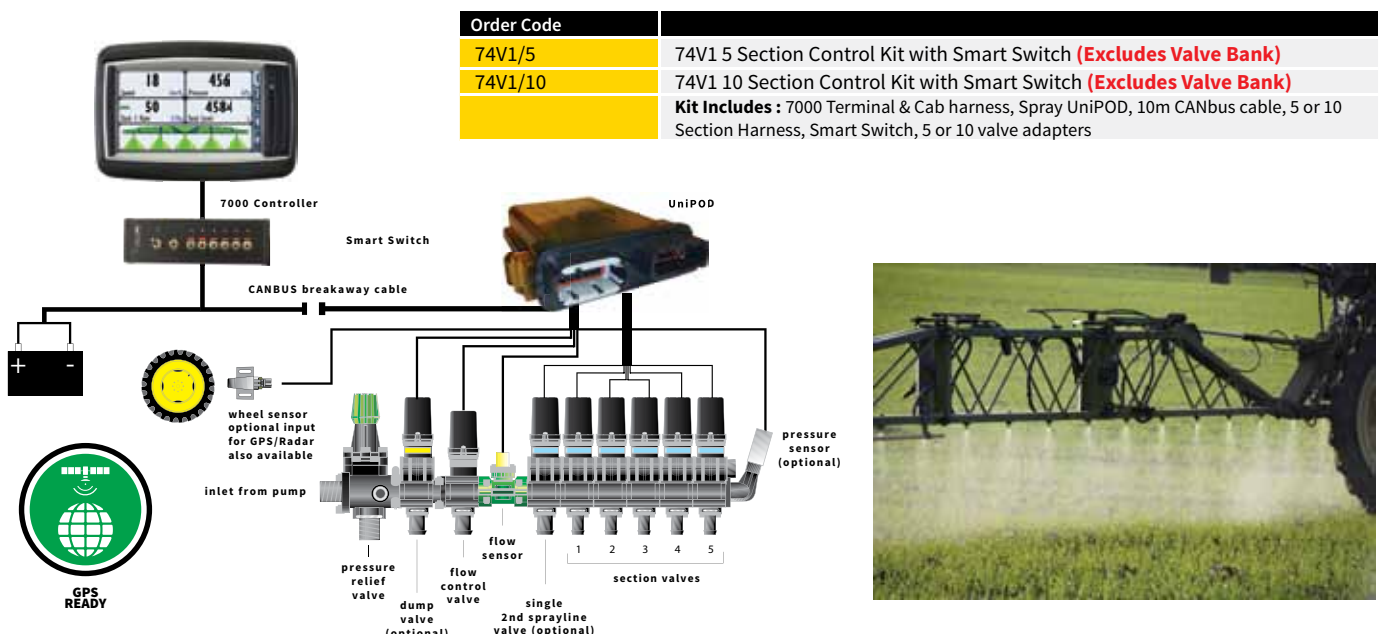
Products and rate calibrations can be pre- selected for each field to save time and reduce potential mistakes.
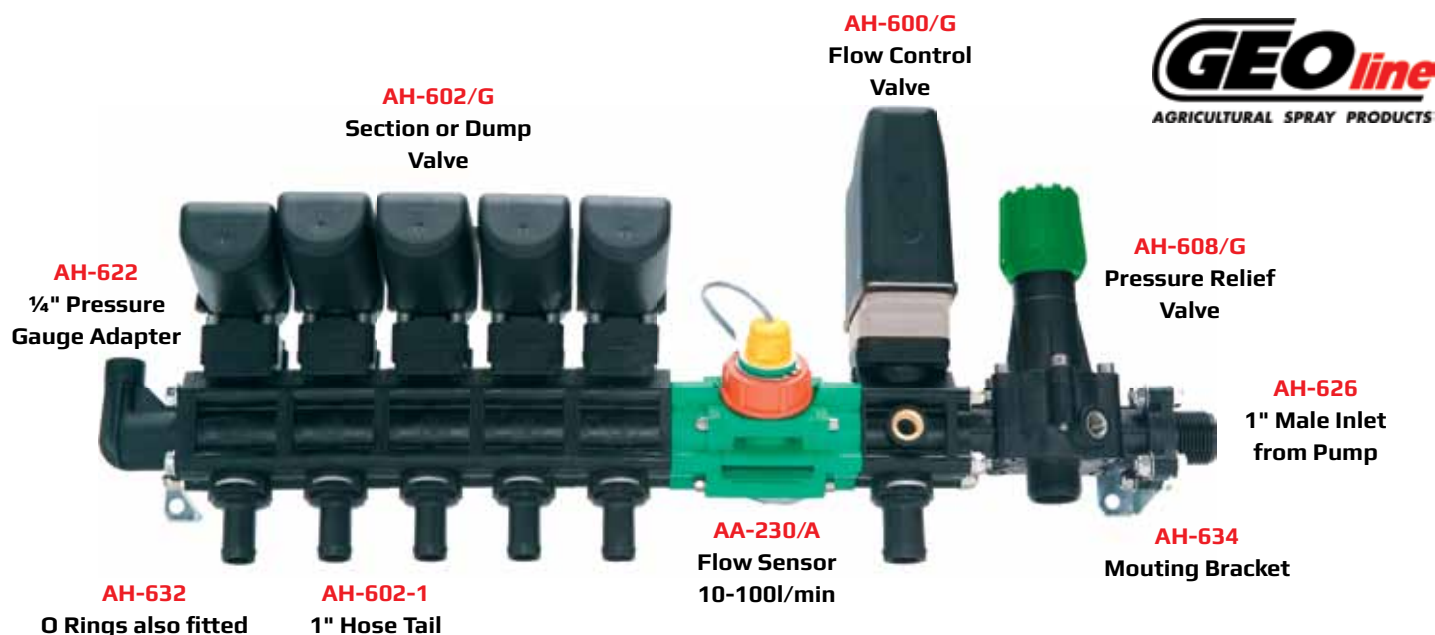
## USB Facility

The 74V1 accepts USB drives to transfer information between your office PC and the field. An in built export to CSV function is available for use with other farming software.

# Control options

■ The standard spray controller 74V1 kit can be supplied with a 3 or 5 section control bank including pressure relief valve (PRV), proportional flow control valve, precision flow sensor and motorised section control valves to suit boom sprayers and low volume horticultural sprayers.

■ An optional dump valve is available to divert pump delivery back to the tank whenever the master switch or section valves are switched off. (This is highly recommended if using a diaphragm pump)

■ A second sprayline can be set up as a single section or split sections using multiple section valves.

■ The optional pressure sensor is available to provide a pressure read-out and pressure-based control of the slow hold and second sprayline functions.

■ The controller will accept radar, magnetic wheel sensor (standard) or GPS speed sensor.

■ Alternative control valves and sensors are available for high volume airblast and ultra low volume applications.

| Order Code | |
|---|---|
| 74V1/5 | 74V1 5 Section Control Kit with Smart Switch **(Excludes Valve Bank)** |
| 74V1/10 | 74V1 10 Section Control Kit with Smart Switch **(Excludes Valve Bank)** |
| | **Kit Includes :** 7000 Terminal & Cab harness, Spray UniPOD, 10m CANbus cable, 5 or 10 Section Harness, Smart Switch, 5 or 10 valve adapters |



7000 Controller

Smart Switch

CANBUS breakaway cable

UniPOD

wheel sensor optional input for GPS/Radar also available

inlet from pump

GPS READY

pressure relief valve

dump valve (optional)

flow control valve

single 2nd sprayline valve (optional)

flow sensor

section valves
1  2  3  4  5

pressure sensor (optional)

# ■ Control Valve Bank (Broadacre)

**AH-600/G**
Flow Control Valve

**AH-602/G**
Section or Dump Valve

**AH-622**
¼" Pressure Gauge Adapter

**AH-608/G**
Pressure Relief Valve

**AH-626**
1" Male Inlet from Pump

**AA-230/A**
Flow Sensor 10-100l/min

**AH-634**
Mouting Bracket

**AH-632**
O Rings also fitted

**AH-602-1**
1" Hose Tail

| Order Code | |
|---|---|
| AA-24V1/3 | GEOline Control Section Kit<br>Assembled as above with 3 section valves |
| AA-24V1/5 | GEOline Control Section Kit<br>Assembled as above with 5 section valves |

*Excludes Dump (AH-602/G) & Pressure sensor (AA-114/9)*

# ■ Single Rate Liquid Controller

The 74V1 Liquid Controller provides ground speed related control of liquid products being delivered at low volume through a single boom or distribution system. The system can be easily adapted to fit existing systems or upgrade older controllers.

The controller will automatically maintain the selected target spray rate regardless of speed or pressure variations within the limits of pump capacity and nozzle/orifice size.

The system employs a low volume flowsensor and stainless steel ball control valve to throttle the main delivery line.  A pressure sensor provides live feedback of the operating pressure and has an alarm function to warn of sudden pressure loss if a hose becomes disconnected.

The control valve opens automatically when the vehicle starts moving and closes when you stop or turn the MASTER switch off. A master valve is installed to allow instant stop/start control of spray when turning at headlands.

Rates can be increased or decreased on-the-run in preset steps using the easy touch screen tiles.

Control Valve
**AH-521**
180.1910.14

**AH-520**
180.1910.6

Pressure Sensor
**AA-119H**

Low Flow Sensor

| Order Code | |
|---|---|
| 74V1-LK | Call us to discuss your liquid control options |

# GEOline Parts

GEO*line*
AGRICULTURAL SPRAY PRODUCTS

| Order Code | | 2 Wire |
|---|---|---|
| **AH-600/G**<br>8386006 | GEOline 1" Proportional Control Valve (2 Wire)<br>150l/min | 20 Bar | 7sec Open/Close | 25mm/1" Hose Tail | 12V dc | |

| Order Code | 3 Wire | Red (+ve) 1 | Black (-ve) 2 | White Earth |
|---|---|
| **AH-602/G**<br>8388002 | GEOline 1" 20 Bar Section or Dump Valve (3 Wire)<br>20 Bar / No Hose Tail |

| Order Code | |
|---|---|
| **AH-608/G**<br>8384018 | GEOline 1" 20 Bar Pressure Relief Valve<br>20Bar / 1" Male |

| Order Code | |
|---|---|
| **AH-602-1**<br>R00000017 | 1" Outlet Hose Tail Fitting<br>For Section Valve |

| Order Code | |
|---|---|
| **AH-602-1/2**<br>R00000015 | ½" Outlet Hose Tail Fitting<br>For Section Valve |

| Order Code | |
|---|---|
| **AH-602-3/4** | ¾" Outlet Hose Tail Fitting<br>For Section Valve |

| Order Code | |
|---|---|
| **AH-602-3/4IN** | ¾" BSP Male Thread Adapter<br>For Section Valve |

| Order Code | |
|---|---|
| **AH-622**<br>F00102006 | ¼" Pressure Gauge Adapter |

| Order Code | |
|---|---|
| **AH-626**<br>F00102008 | 1" Male to Male Adapter<br>Fits to male end of GEOline Valve |

| Order Code | |
|---|---|
| **AH-627**<br>F00102001 | 1" Male to Female Adapter<br>Fits to female end of GEOline Valve |

| Order Code | |
|---|---|
| **AH-632** | O Ring<br>Use between Section Valves |

| Order Code | |
|---|---|
| **AH-634** | Mounting Bracket<br>Used on GEOline Valve bank |

## ■ Polmac Parts

| Order Code | |
|---|---|
| **2031** | **1" 10-100 L/Min Rapid Check Flow Insert & Sensor with Pulse Divider (50bar)** |
| | AC-305 — 3way 5m Connection Cable |
| | AA-230 — Flow Sensor insert & Shielded Sensor |
| | A-2090 — Signal divider |
| | Conversion kit from old AA-200 flow meter (2400 Spray Controller) or update from AA-122P |

Sensor — Rapid Check Insert

31400832 — Male
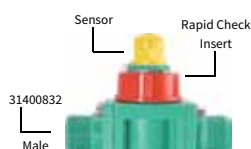
| Order Code | COMPLETE WITH INSERT & SENSOR |
|---|---|
| **AA-230**<br>00375908 \| 413AL3AK.SIL | **1" 10-100 L/Min Rapid Check Flow Insert & Sensor**<br>Suits 2200, 22C5, 2300, 2400 V2.0 / V3.0, 24V1, 3000, 3500, 7X00 |
| **AA-230-C**<br>00375802 \| 413AL3AK.SIL | **1" 3-20 L/Min Rapid Check Ceramic Flow Insert & Sensor (50bar)**<br>Suits low flow & Flexi-N \| 2200, 22C5, 2300, 2400 V2.0 / V3.0, 24V1, 3000, 3500, 7X00 |

41311332 — Female     41311532 — Male

| Order Code | NORMALLY USED IN VALVE BANK |
|---|---|
| **AA-230/A**<br>00375908W/A \| 413AL3AK.SIL | **1" 10-100 L/Min Rapid Check Insert & Sensor (Arag Flange M/F) (50bar)**<br>Suits 2200, 22C5, 2300, 2400 V2.0 / V3.0, 24V1, 3000, 3500, 7X00 |

34400332 — Male

| Order Code | COMPLETE WITH INSERT & SENSOR |
|---|---|
| **AA-232**<br>00376208 \| 413AL3AK.SIL | **1½" 35-350 L/Min Rapid Check Flow Insert & Sensor (40bar)**<br>Sapphire Bearings & Steel Shaft<br>Suits 2200, 22C5, 2300, 2400 V2.0 / V3.0, 24V1, 3000, 3500, 7X00 |

| Order Code | GREAT FOR BATCH APPLICATION |
|---|---|
| **AA-231**<br>00370247 \| 30306032 | **2" 75-750 L/Min Coil Flow Sensor (2 Wire / Sine Wave) / 20bar**<br>Suits 1400 Remote & 1500VF, Jackal<br><br>If using with a Jackal replace sensor with AA-231S/AL |

| Order Code | |
|---|---|
| **AH-230/A**<br>41319199 | **1" 3-20 L/Min Rapid Check Insert ONLY**<br>Suits AA-23X \| Ruby Support & Steel Shaft |
| **AH-230/A-C**<br>41302299 | **1" 3-20 L/Min Rapid Check Insert ONLY**<br>Suits AA-23X \| Ceramic Support & Shaft (Can be used with Flexi-N) |
| **AH-230/B**<br>41316399 | **1" 10-100 L/Min Rapid Check Insert ONLY**<br>Suits AA-23X \| Sapphire Bearings & Steel Shaft |
| **AH-230/B-C**<br>41305799 | **1" 10-100 L/Min Rapid Check Insert ONLY**<br>Suits AA-23X \| Ruby Support & Ceramic Shaft |

| Order Code | |
|---|---|
| **AH-232/A**<br>44301699 | **1½" 35-350 L/Min Rapid Check Insert ONLY**<br>Suits ONLY AA-232 \| Standard Bearings |
| **AH-232/B**<br>44312499 | **1½" 35-350 L/Min Rapid Check Insert ONLY**<br>Suits ONLY AA-232 \| Adjustable Sapphire Bearing with Steel Shaft |

| Order Code | |
|---|---|
| **AA-230S/ALU**<br>413AL3AK.SIL | **Shielded Sensor Replacement (3 Wire / Square Wave)**<br>Suits AA-23X Range |
| **AA-230S/RCS**<br>41308899 | **Rapid Check Sensor Replacement (2 Wire / Sine Wave)**<br>Suits AA-23X Range |
| **AA-231S/AL**<br>303049AL | **Standard 12v Flow Sensor (3 Wire / Square Wave)**<br>Use with Jackal ONLY or AA-231 |

FARMSCAN AG WIRING : Pin A - Green (Signal) • Pin B - White (Ground) • Pin C - Brown (+12v)

# Spray Parts

| Order Code | |
|---|---|
| **AA-123P** | **2-90 L/Min 1" BSP Metal Body Flow Sensor (91.2PPL)**<br>With 3 pin packard<br>Suits 2300, 22C5, 2400, 24V1, 3000, 3500, Jackal, 7X00 |

| Order Code | |
|---|---|
| **AA-123EP** | **Flow Sensor Electronic Top ONLY (91.2 PPL)**<br>Suits AA-123, AA-122P & AA-121P |

| Order Code | |
|---|---|
| **HC-091** | **Replacement Metal Flow Body ONLY**<br>Suits AA-123 & AA-122P |

| Order Code | |
|---|---|
| **HC-308** | **Replacement Impellor**<br>Suits AA-123 & AA-122P |

| Order Code | |
|---|---|
| **HC-309** | **Replacement Pressure Plate**<br>Suits AA-123 & AA-122P |

| Order Code | PPL FACTOR : 147 |
|---|---|
| **AA-125**<br>(935-1500/2 + 9410002/3) | **½" 0.24-17 L/Min Flow Meter (Plastic PBT) / 20bar**<br>Can be used with Flexi-N |

| Order Code | NO IMPELLOR |
|---|---|
| **AA-242**<br>(04550420) | **1 ¼" 2.5-75 L/Min IR Flow Meter (Plastic) - 450PPL**<br>Can be used with Flexi-N<br>8-24V INPUT ** Not recommended for cloudy mixes as double pulsing can occur ** |

# ■ Rate Controller 7500

The all new 7500 sets a standard in airseeding technology. With software developed from the ground up and with practical farmer feedback, the 7500 delivers unprecedented flexibility and control over airseeder operation together with an integrated USB facility and task control capabilities, ready to run manual or fully automatic variable rates.

**NOW WITH FULL AS APPLIED MAPPING, VRC & LOAD CELLS**

**Gear up your airseeder with the complete monitoring and control solution.**

TOUCH SCREEN

GPS READY

## A new standard in airseeding technology

The 7500 is a truly 'GPS Compatible' system that provides both user friendly manual operation or fully automatic rate map control with GPS connected. All functions are easy to read on a large 4.8" colour graphic touch display with simple functions and a smart warning system to alert the operator on critical conditions. The system is designed for open compatibility and is field upgradable, so regardless of colour or brand, you can gear up your airseeder with a complete control system that's ready to put your decisions into action precisely.

## Variable Rates

The 7500 displays 'live' rates for each bin which can be adjusted to suit varying soil types or to conduct seed and fertiliser field trials. Product rates can be manually increased or decreased in pre-defined steps and any bin can be switched off or reduced to half rate at the press of a button, saving costly wastage in poor soils and at headlands. When operating with GPS control, the 7500 adjusts rates automatically according to your prescription rate map on the USB device. (Standard application SHAPE files will be accepted)
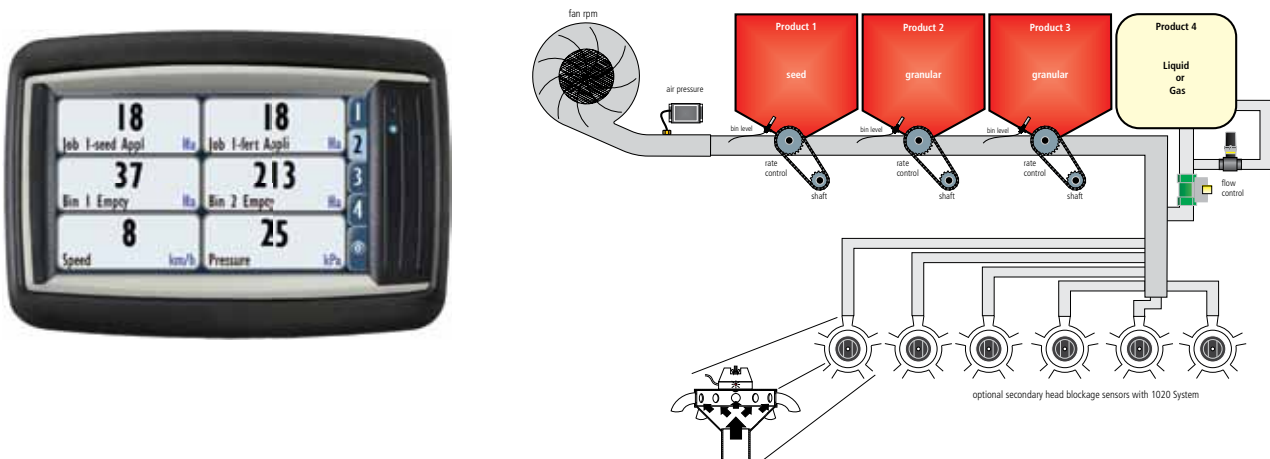
# Advanced FEATURES 7500

## User defined tab & tile display format

You can choose any 4 or 6 tile main display options & up to 4 tabs (pages), so the information you need can be viewed the way you want it.

## Monitored Functions

Critical airseeder functions are displayed for user convenience, backed up with audible warnings and a visual message to direct the operator if functions are operating outside predefined limits.

Monitored functions include :

- Rate warning if selected rates cannot be maintained.
- Fan high/low speed warning with low speed cutout to save machine blockages.
- Air Pressure Kpa high/low alarm to detect damaged hoses or blockages.
- Bin Sensors to warn of low bin levels.
- Final Drive sensors to warn of broken chains or incorrect gear ratio.
- Readouts of Ground Speed, Area per Hour and Distance : plus more.
- An optional Depth Indication sensor displays implement hydraulic ram position, which automatically stops the control functions when the implement is raised above a set point.
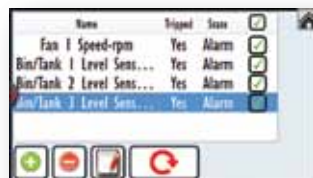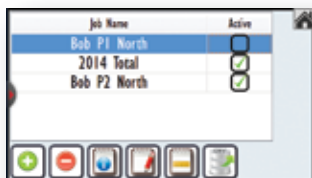
## Product Calibration

The 7500 stores an unlimited amount of product calibration factors by name.

Product names can be created to suit specific seed and fertiliser types, then simply recalled into operation when ever needed.

Product calibration factors are established by entering the weight of product delivered from a set number of metering unit revolutions.

## Record Keeping

For your convenience, the 7500 maintains a complete record of areas covered and products used for each field, plus overall totals of product tonnages and areas covered for the season.

To simplify record keeping, field names and numbers can be created and stored in memory to suit your farm then simply selected by the operator when starting a new job.
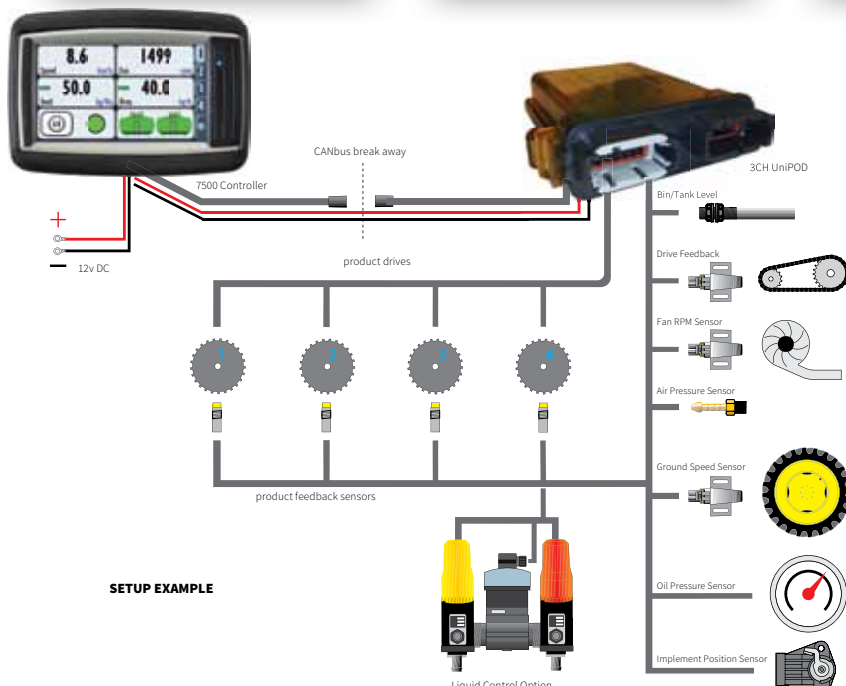
Products and rates can be pre- selected for each field to save time and reduce potential mistakes.

## USB Facility

The 7500 accepts USB drives to transfer information between your office PC and the field. An in built export to CSV function is available for use with other farming software.

| Order Code | |
|---|---|
| POA | Call to discuss ordering options |



SETUP EXAMPLE

CANbus break away
7500 Controller
product drives
12v DC
product feedback sensors
Liquid Control Option

3CH UniPOD
Bin/Tank Level
Drive Feedback
Fan RPM Sensor
Air Pressure Sensor
Ground Speed Sensor
Oil Pressure Sensor
Implement Position Sensor

## Metering CONTROLS 7500

A simple CANbus cable connects the 7500 cab module to the airseeder control UniPOD, which regulates up to 3 product metering drives and reports airseeder performance back to the operator. (For more than 3 Channels simply add another UniPOD)

Metering control options include DC electric drive, electric over hydraulic drive or linear actuator control to adjust existing ground driven metering systems.

The 7500 systems are available as fully integrated standard equipment on leading airseeder brands or as retro fit kits for some late model airseeders.

**Linear Actuator**

**Liquid Control**

**Hydraulic Drive**

**DC Electric Drive**

# Spreader Controller 7300

The all new 7300 sets a standard in spreading technology. With software developed from the ground up and with practical farmer feedback, the 7300 delivers unprecedented flexibility and control over spreader operation together with an integrated USB facility and task control capabilities, "ready to run" or manual, simply monitor or fully automatic variable rates.

**NOW WITH FULL AS APPLIED MAPPING & LOAD CELLS**

**Gear up your spreader with the complete monitoring and control solution.**

TOUCH SCREEN

GPS READY

## A new standard in spreading technology

The 7300 is a truly 'GPS Compatible' system that provides both user friendly manual operation or fully automatic rate map control with GPS connected. All functions are easy to read on a large 4.8" colour graphic touch display with simple functions and a smart warning system to alert the operator on critical conditions. The system is designed for open compatibility and is field upgradable, so regardless of colour or brand, you can gear up your airseeder with a complete control system that's ready to put your decisions into action precisely.

## Variable Rates

The 7300 displays 'live' rates for each bin (maximum of two) which can be adjusted to suit varying soil types and maintains desired kg/ha when a change in speed is detected. Product rates & spread widths can be manually increased or decreased in pre-defined steps and any bin/spinner can be switched off or reduced to half rate at the press of a tile, saving costly wastage in poor soils and at headlands.

When operating with GPS control, the 7300 adjusts rates automatically according to your prescription rate map on the USB device.

**The ultimate monitor or controller**

| ⚙ Single Belt Control | ⚙ Dual Belt Control |
|---|---|
| ⚙ Single Spinner Control | ⚙ Dual Spinner Control |

# Advanced FEATURES 7300

## User defined tab & tile display format

You can choose any 4 or 6 tile main display options & up to 4 tabs (pages), so the information you need can be viewed the way you want it.

## Monitored Functions

Critical spreader functions are displayed for user convenience, backed up with audible warnings and a visual message to direct the operator if functions are operating outside predefined limits.

• Rate warning if selected rates cannot be maintained,

• Belt speed warning with high/low alarms

• Monitor speed by wheel input, Radar or GPS

• Monitor multiple belts & spinners

## USB Facility

The 7300 accepts USB drives to transfer information between your office PC and the field. An in built export to CSV function is available for use with other farming software.

## Product Calibration

The 7300 stores an unlimited amount of product calibration factors by name or product & you can instantly adjust spread width and application rate at the touch of a tile.

Product names can be created to suit specific fertiliser types, then simply recalled into operation whenever needed.

Product calibration factors are established by entering the weight of product delivered from a set number of metering unit revolutions.

## Record Keeping

For your convenience, the 7300 maintains a complete record of areas covered and products used for each field, plus overall totals of product tonnages and areas covered for the season.

To simplify record keeping, field names and numbers can be created and stored in memory to suit your farm then simply selected by the operator when starting a new job.

Products and rates can be pre- selected for each field to save time and reduce potential mistakes.
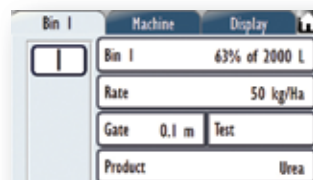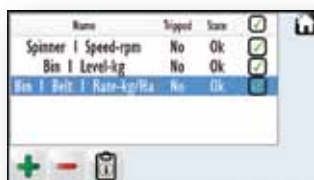
| Order Code | |
|---|---|
| POA | Call to discuss ordering options |
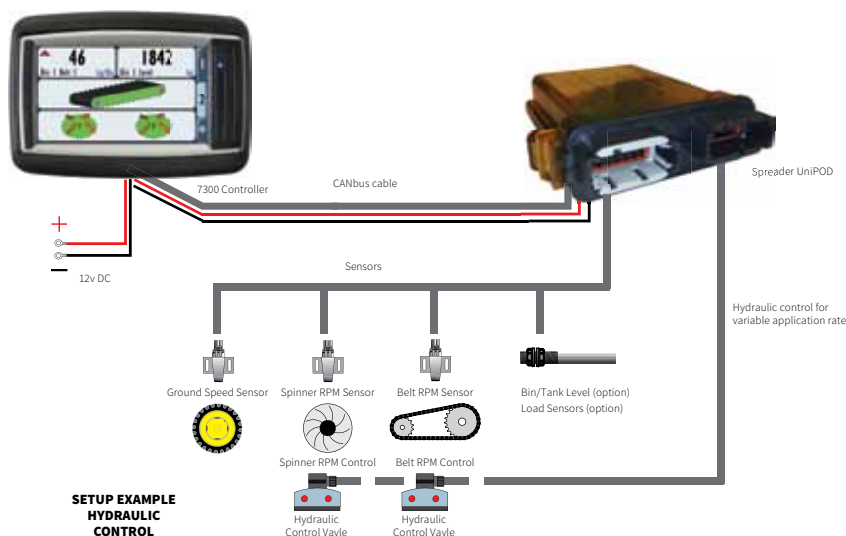
# Metering CONTROLS 7300

A simple CANbus cable connects the 7300 cab module to the spreader control UniPOD, which regulates the metering drive.

Metering control options include DC electric drive, electric over hydraulic drive or linear actuator control to adjust existing ground driven metering systems.

The 7300 system can be available as fully integrated on standard equipment on leading spreader brands or as retro fit kits for most model spreaders.

**Hydraulic Control**

7300 Controller
CANbus cable
Spreader UniPOD
12v DC
Sensors
Hydraulic control for variable application rate
Ground Speed Sensor
Spinner RPM Sensor
Belt RPM Sensor
Bin/Tank Level (option)
Load Sensors (option)
Spinner RPM Control
Belt RPM Control
SETUP EXAMPLE HYDRAULIC CONTROL
Hydraulic Control Vavle
Hydraulic Control Vavle

**Actuator Control**

**Belt Control**

# Sensor Pickups & Magnets

| Order Code | |
|---|---|
| **2010P** | **Proximity Sensor Kit (3 Wire)** |
| | AC-305      3 Way 5m Packard Extn Cable |
| | AH-400      Packard cable bracket |
| | AA-2010P      Proximity switch |
| | Allows speed pick up from moving metal part (eg bolt head) |

| Order Code | |
|---|---|
| **AA-110C/5** | **Compact Reed Type Sensor - Black (Packard) - Pack of 5** <br> 1-1500 RPM |

| Order Code | |
|---|---|
| **AA-110P/5** | **Reed Type Sensor (Packard) - Pack of 5** <br> 1-1500 RPM |
| **AA-110G** | **Reed Type Sensor (Gason)** <br> 1-1500 RPM |
| **AA-110HB** | **Reed Type Sensor (Horwood Bagshaw)** <br> 1-1500 RPM |

| Order Code | |
|---|---|
| **AA-112C/5** | **Compact Coil Type Sensor - Yellow (Packard) - Pack of 5** <br> 100-9999 RPM |

| Order Code | |
|---|---|
| **AA-112P/5** | **Coil Type Sensor - Yellow End Cap (Packard) - Pack of 5** <br> 100-9999 RPM |
| **AA-112G** | **Coil Type Sensor Fan Speed (Gason)** <br> 100-9999 RPM |
| **AA-112HB** | **Coil Type Sensor Fan Speed (Horwood Bagshaw)** <br> 100-9999 RPM |

| Order Code | |
|---|---|
| **AA-106/5** | **Hose Clamp Magnet/Pickup (Pack of 5)** <br> Attaches to any hose clamp |

| Order Code | |
|---|---|
| **AA-117/5** | **Tailshaft Magnet & Clamp (Pack of 5)** <br> 17-32mm Hose Clamp with AA-106 Hose Clamp Sensor |

| Order Code | |
|---|---|
| **AA-133/5** | **Wheel Magnet & Nut - Pack of 5** <br> 1-1500 RPM |

| Order Code | |
|---|---|
| **AA-423/5** | **Tailshaft Magnet & Clamp (Pack of 5)** <br> 100mm Hose Clamp with AA-106 Hose Clamp Sensor |

AA-105

| Order Code | |
|---|---|
| **AA-105/5** | **Pulley Magnet (10mm x 15mm) - Pack of 5** <br> 100-9999 RPM |
| **HM-103** | **Rare Earth Magnet (10mm x 10mm)** <br> Used in AA-106 |

AA-105

HM-103

| Order Code | |
|---|---|
| **HM-102/5** | **Rare Earth Button Magnet (20mm x 5mm) - Pack of 5** <br> Replacement for AA-133 or standalone |

# Sensors & Interfaces ONLY (No Kits)

*PLEASE CALL FARMSCAN AG TO DISCUSS OPTIONS.*
*MONITOR MUST BE RETURNED TO SERVICE FOR MODIFICATION*

| Order Code | REPLACES A-2085 |
|---|---|
| AA-113 | Pressure Sensor ONLY (0-20KPA) - 1/4" BSP<br>Suits Canlink 3000 & 3500 ONLY \| 0.75v - 2.99v |

| Order Code | |
|---|---|
| AA-114 | Pressure Sensor ONLY - (0-600KPA / 10Bar) - 1/4" BSP<br>Suits 24V1 / 74V1 \| 1v - 5v<br>** 5206 ABS & 22C6 also requires an AA-22CI6 Pressure interface if upgrading **<br>** Please contact us to check compatibility if upgrading from old style ** |
| AA-119-L | Pressure Sensor ONLY - (0-20KPA) - 1/4" BSP<br>Suits 7000 Series & Jackal |
| AA-119-H | Pressure Sensor ONLY - (0-600KPA / 10Bar) - 1/4" BSP<br>Suits 7000 Series & Jackal |

| Order Code | REPLACES A-2080 |
|---|---|
| AA-116 | Pressure Sensor ONLY (0-20KPA) - 1/4" BSP<br>Suits 2200 Surveillance \| 0.29v - 2.77v |

| Order Code | |
|---|---|
| A-2090 | Pulse Divider<br>Divides flowmeter pulse output by 10 (ie 680ppl = 68.0ppl) |

| Order Code | |
|---|---|
| A-2091 | 3 Wire to 2 Wire In-Line Adapter<br>Used to convert 3 wire section valves to 2 wire section/control valves |

| Order Code | |
|---|---|
| A-2202 | Master Clutch Control (Single Switch) - 2200 Series |
| A-2203 | Master Clutch Control (Dual Switch) - 2200 Series |

| Order Code | |
|---|---|
| A-2220P | Bin/Tank Level Sensor ONLY (152mm)<br>2200 & Jackal ONLY |

| Order Code | |
|---|---|
| AA-112M | Inductive Fan Sensor - Morris |

| Order Code | |
|---|---|
| AA-2006P | Hall Effect Sensor (Morris) |

| Order Code | |
|---|---|
| AA-2010P | Proximity Switch ONLY (Blue End) |

| Order Code | |
|---|---|
| AA-22CI6 | Pressure Sensor Interface (Use with AA-114 Only) |

| Order Code | |
|---|---|
| AA-430 | Depth Position Sensor (3 Wire) - Used on Canlink/Pico/7000 |

| Order Code | FOR USE WITH CANLINK ORDER CODE AA-3032 |
|---|---|
| AA-484 | Depth/Remote Run Hold Switch ONLY |

## ■ Cables

| Order Code | |
|---|---|
| AC-105 | Monitor Power Cable - 5m<br>Suits Jackal |

| Order Code | |
|---|---|
| AC-101 | Monitor Power Cable - 8m<br>Suits all monitors |

| Order Code | Used with WBM |
|---|---|
| AC-141F | Monitor Power Cable (Fused) - 5m |

| Order Code | |
|---|---|
| AC-202 | Sensor Extension Cable - 2 way 2m |

| Order Code | |
|---|---|
| AC-205 | Sensor Extension Cable - 2 way 5m |

| Order Code | |
|---|---|
| AC-088 | Sensor Extension Cable - 2 way 7.5m |

| Order Code | |
|---|---|
| AC-210 | Sensor Extension Cable - 2 way 10m |

| Order Code | |
|---|---|
| AC-305 | Sensor Extension Cable - 3 way 5m |

| Order Code | |
|---|---|
| AC-089 | Sensor Extension Cable - 3 way 7.5m |

| Order Code | |
|---|---|
| AC-310 | Sensor Extension Cable - 3 way 10m |

| Order Code | |
|---|---|
| AC-312 | Sensor Extension Cable - 3 way 12m |

| Order Code | |
|---|---|
| C-003/30 | 3 Core Cable 30M (black/white/red)<br>Suits 1020 airseeder monitor |
| C-003/50 | 003/50 3 Core Cable 30M (black/white/red)<br>Suits 1020 airseeder monitor |
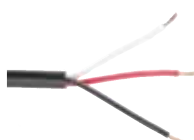
# Brackets

| Order Code | |
|---|---|
| AH-405 | Monitor Mounting Bracket (large)<br>Suits 2100, 2400, 24V1, 3000, 3500 |

| Order Code | |
|---|---|
| AH-406 | Monitor Mounting Bracket (Medium)<br>Suits 1020, 2000, 2200, 2300, 22CX |

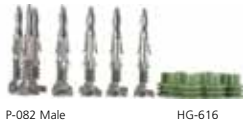| Order Code | |
|---|---|
| AH-407 | Jackal Mounting Bracket with Suction Cup |

| Order Code | |
|---|---|
| AH-409 | Monitor Mounting Bracket (Small)<br>Suits 1100, 1200, 1400R |

# Packards, Pins, Plugs, Seals

P-083 Female    HG-616

| Order Code | |
|---|---|
| AH-441F | 10 Female Packard pins and seals |

P-082 Male    HG-616

| Order Code | |
|---|---|
| AH-441M | 10 Male Packard pins and seals |

P-076 Female
P-077 Male

| Order Code | |
|---|---|
| AH-442 | 5 Sets Packard 2 way M/F connectors |

P-079 Male
P-078 Female

| Order Code | |
|---|---|
| AH-443 | 5 Sets Packard 3 way M/F connectors |

| Order Code | |
|---|---|
| P-006 | 12 Pin Input Plug (suits 2400, 2200 and 22CX) |

| Order Code | |
|---|---|
| P-321 | Jackal input plug - GREEN (Sold Single) |
| P-322 | Jackal input plug - GREY (Sold Single) |

# RAM Mounting Hardware

| Order Code | | |
|---|---|---|
| **AH-5401** RAM-201U | **A** | RAM Double Socket Arm for 1.5" Ball |
| **AH-5402** RAM-B-101U | **B** | RAM 1" Ball Mount Set (2x Base & Ball + RAM Arm *Can be used to modify Jackal Mount* |

| Order Code | | |
|---|---|---|
| **AH-5601CL** RAP-B-400U | **A** | RAM Small Tough-Claw with 1" Ball |
| **AH-5401AP** RAM-246U | **B** | RAM Square Attachment Plate with 1.5" Ball (Panasonic Bracket) |
| **AH-5601RB** RAM-202U | **C** | RAM 2.5" Round Base with 1.5" Ball |
| **AH-5601RRM** RAM-235U | **D** | RAM Stainless Steel Double U-Bolt Base with 1.5" Ball |
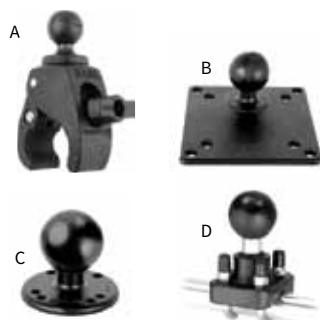
# Hardware

| Order Code | |
|---|---|
| **AH-861** | ¼" Finger Screw (Packet of 2) |

# Dual Lock

| Order Code | |
|---|---|
| **U-030** | Dual Lock (Side A & B) |

# Surge Protection

The tractor noise & filter set is perfect for spike protection up to 24v and noisy unclean power coming from the battery and alternator.

| Order Code | |
|---|---|
| **A-1300** | Tractor noise & filter set |

# Spray Nozzle Lighting

**NEW**
**CALL TO QUOTE**

## A PERFECTLY ADAPTED SYSTEM

The "SPRAY LED SYSTEM" has a waterproof encapsulated electronic plate completely sealed from chemicals & dust.

Using the very latest in CREE (LED) technology it's one of the best available on the market today in terms of efficiency, quality & longevity.

Spray LED module powered by CREE LED protected by a lens

## THE SIMPLEST IDEAS ARE OFTEN THE MOST EFFICIENT ONES

The LED is covered and protected by a purpose built lens which concentrates the light in a curved flat beam shape

This technology gives a more efficient and intense lighting of each spray pattern. The "SPRAY LED SYSTEM" brings the light where it is necessary to be, and keeps in the dark what is not supposed to be illuminated.

Because of this specific lighting, a blocked nozzle can easily be identified and repaired fast!
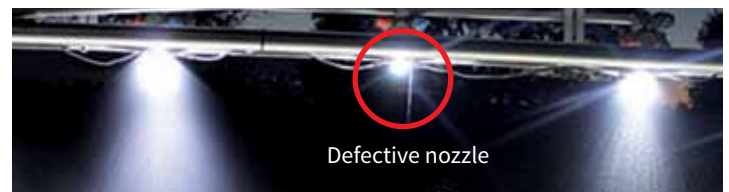
Defective nozzle
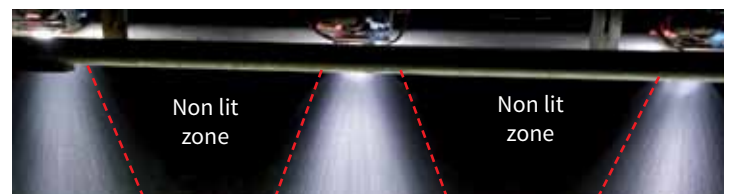
Non lit zone        Non lit zone

Thanks to the lens, the light beam is concentrated on the spray mist

## A FIXING SYSTEM CREATED TO MAXIMISE LIGHTING AND SIMPLIFY FITTING

The "SPRAY LED SYSTEM" module holder is made of stainless steel and designed to protect both module & lens. It also features a clever screw free assembly system.

The holder is fixed on the supporting spray line with connecting flanges (available in 6 different diameters).

It's designed to be adapted to all main nozzle support brands and their options (multi-nozzle, anti-drip etc.)

Different cable lengths also allow for left or right side fitting.

With the added advantage of using a mast clamp you have the ability to precisely adjust the light & shade angle to the spray pattern to allow for the most efficient lighting.

Stainless steel holder for a simple fitting

Connecting flanges available in 6 diameters

# Flexible Precision Ag Solutions

Farmscan Ag offers a choice of cab terminals with GPS guidance, auto steer, rate control, mapping, levelling & record keeping capabilities for parallel, contour or round and round farming operations.

With Farmscan Ag you can start at any level then simply add components to control your sprayer, air seeder, spreader, planter, cultivator or harvesting machinery all at minimal cost and all compatible in one system.

## ■ Choose your guidance terminal

- Choose between our 10" Pro Series & 8" Entry Level Tablets
- All our tablets run Windows 7 or Windows 10
- Internal battery on both models
- Inbuilt Wi-Fi & 3G for remote support on both models
- RAM Mounting & Docking options
- Talk to us about BYO Windows device

## ■ Choose your accuracy

- Free to air SBAS & GLIDE receivers (No on-going subscription)
- 40cm precision (TerraStar-L Subscription)
- 4cm precision (TerraStar-C Subscription)
- 2cm RTK base station & RTK rover options
- Bring your own (Call for confirmation of required setup)

## ■ Choose your add-ons

- Hydraulic AutoSteer
- Assisted FlexiSteer™ (Portable on wheel steering solution)
- Spray Control with Automatic Boom Switching & Dual Line Control Options (SprayGuide)
- GPS Land Levelling (LevelGuide)
- Variable Rate Seeder Control
- Implement steering (RigGuide)

## Support anywhere, anytime with TechDirect

All AgGuide systems come with our TechDirect service that allows a support team member to remotely login into your guidance system and help you out when you need it !  We can see what you see and make changes on the fly. Its like having a technician sitting right beside you. This results in less down time to identify and solve problems fast. (This requires a mobile service connection & Service Fees do apply)

# ■ AgGuide

AgGuide allows for recording, storage, analysis, printing and record keeping for a virtually unlimited (depending on memory and storage) number of farms, fields, jobs, field perimeters, runlines, marked points, spray and weather data, coverage and elevation maps. On-screen and audible notification of important upcoming obstacles (e.g trees, rocks, poles, perimeters) reduces the risk of in-field collisions.

AgGuide produces a 'live' coverage map for each product with coloured areas to verify actual rates of applied for each job including summary data that can be stored or printed in hard copy.

## smart features include

- Windows® Based operating system
- Multiple Guidance choices
- Optional Flexi-Steering (Motor on Wheel)
- Round & Round (Contour / Race Track)
- Up & Back (Parallel)
- Pivot
- Permanent parallel runlines
- Multiple A/B Lines in any job
- Auto Boom Switching (Single or Dual-Line)
- CANbus Technology
- Plug & play to "AutoSteer Ready" machines
- Tag/Mark Point Function
- Day/Night Vision Mode

- Able to choose any GPS accuracy (Inc RTK)
- Printable coverage maps & reports
- Position & height recording
- Record unlimited farms & fields
  (Internal Memory Dependent)
- Easy Menu system
- Real time solid coverage mapping
- On Screen lightbar
- Nudge Feature to compensate for GPS drift
- Multiple Machine Rig setups
- Audible end of row warning
- Handy optional Remote "Button Box"
- TechDirect remote support built in

**FREE DEMO**

Download the Windows® trial from our website

visual guidance      autosteer      sprayguide      levelguide      rigguide      variable rate

# AgGuide . . . it's just the start

**Today's farming operations command high quality, accuracy and reliability. AgGuide can help to produce the best results EVERYTIME!**

![FARMSCAN AG logo]

www.farmscanag.com

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Since 1976 Farmscan Ag has developed, acquired and employed industry leading technologies, innovations and innovators to help Australian farmers become among the world's most efficient producers via a complete range of electronics to steer, map, monitor and control spraying, spreading, planting and harvesting machinery.

Being Australian and with strong ties to the farming community, means customer feedback directly defines the quality and content of our products, and ensures they are perfectly suited to Australian and international farming needs.