

FIELD OF DREAMS



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Reflecting on 60 years of business - Emmetts Anniversary

Looking back at when Emmetts started 60 years ago

In 1957, my father Jack first opened a machinery business in Rupanyup, and since that time there have been vast changes in the agricultural industry. The majority of farms in the Wimmera were on traditional 640-acre blocks, with some farmers making a living off 320-acres. There was virtually very little in the way of self-propelled machinery, it was mostly trailed behind tractors that had power figures in the 50 to 70 HP range. Small country towns across Australia were still flourishing with growing or stable populations. How vastly different the scene is today.

We all ask... what will the future hold?

Recently I was fortunate enough to attend a conference on the future of Agriculture. A take away message from the conference was that predicting the future depends on current hard trends (that is, trends that will happen) and soft trends (trends that may happen) based on known assumptions.

Internationally, some hard trends and facts that may influence our agricultural industry - barring any major world catastrophe - include:

- The world's population is set to increase towards 9.7 billion by 2050, an extra 2.2 billion more than the population today;
- Fresh water is becoming scarcer and the amount of land available for producing food is finite. Some would say that it is reducing due to land degradation and urban city sprawl;
- Much of China and South East Asia, and to a lesser extent, India, is becoming more affluent; the populations of which will all demand a higher protein diet;

- For the first time in history, there are now more people living in an urban city environment, than those living outside it;

Our growing, and increasingly urban, worldwide population needs to be catered for, which has several implications:

- The price of land and water will continue to rise;
- As has been happening since the day our business started, and I assume much earlier, family farms will continue to grow in size and become more professional in their approach;
- *Finally* the average age of farmers will start to reduce;
- Holding a Degree(s) in Agriculture will be the norm for most farm managers;
- There will be more corporate farms owned by large Super Funds and international investors;
- Technology will play an ever-greater role in primary production in order to grow more from less;
- The tsunamis of data the Internet of Things (IoT) produces will be mind-blowing. Jobs that do not currently exist, will be created to "mine" this data. In other words, data is the new oil, waiting to be mined. Agriculture is well poised to benefit from advances in this space;
- Machinery dealers will cater to fewer farmers, will be more professionally run, and will cover larger areas, in order to keep up with higher demands of their clients.

The Future for Emmetts

As acquisitions happen across the John Deere dealerships in Australia, I feel Australian owned and run businesses will increasingly be in the minority in the future. Large international corporations will likely own all the major rural

commodity and supply businesses that service rural Australia. Already, large Canadian, South African and American businesses have ownership or controlling stakes in some of the larger John Deere groups in Australia.

Our challenge at Emmetts is to grow our company to a size that can compete with these larger dealer groups on a "level playing field". This will be done through further building on sound management and business practices: supplying outstanding product and service, and by simultaneously achieving business scale and streamlined processes, to reduce the cost of supply to customers.

We have also launched an exciting new area of our business known as AGree Decision Ag. This is an investment in people to grow our capabilities around turning the ever increasing data that is flowing from intelligent machinery into profitable information that you can use to increase your knowledge and farm profitability.

As a business owner you soon learn the value of giving everyone a fair go, supporting local charities, schools and sporting clubs and employing and giving opportunities to local people. Looking over this list of community groups Emmetts supports on page 37 of this magazine, is a point of pride.

I am happy to report that as of the 11th of April 2017, Emmetts employs the equivalent of 94 full time people in South Australia and 92 in Victoria, totalling 186. Our family and corporate commitment to regional and rural Australia remains as strong as it was when Jack first started the business in 1957.

Peter Emmett

In Stock NOW



1910

1910 Air Cart

- 270 Bushel
- 340 Bushel
- 350 Bushel
- 430 Bushel



1870

1870 Precision Air Hoe Drill

- 40ft



1890

1890 No Till Disc Drill

- 40ft
- 30ft

HORSHAM
03 5382 9400
KADINA
08 8828 0200

MURRAY BRIDGE
08 8548 9277
PARNDANA
08 8559 6066

PINNAROO
08 8577 8141
RENMARK
08 8586 3688

ROSEWORTHY
08 8524 8131
RUPANYUP
03 5385 5600

SWAN HILL
03 5036 4600
WARRACKNABEAL
03 5398 0700



JOHN DEERE



+ Add more Do more

with John Deere Field Connect™ Attachments.



1 Temperature Probe Shield

The temperature probe shield protects the temperature probe from direct sunlight and provides a more accurate temperature reading.

BPF10613

2 10 W Solar Panel

The 10 watt solar panel can be used as an alternative to the standard 5 watt panel in cases where recharging conditions are more difficult.

BPF10846

3 Weather Station

The weather station collects in-field air temperature, relative humidity, wind speed and direction. All this information is sent to the web and can be accessed from your desktop or mobile device, so you can calculate evapotranspiration (ET), a critical measurement in irrigation planning and scheduling. You can also identify the need for freeze protection, or determine the best time to spray your crops.

BPF11064

4 Rain Gauge

With the rain gauge attachment, you can get a field-specific picture of the effects precipitation events are having on soil moisture.

BPF10784

5 Temperature Probe

The temperature probe monitors soil, air, and water temperatures to help determine chemical application effectiveness and indications of frost events.

BPF10786

6 Pyranometer

The pyranometer attachment monitors solar radiation to help calculate evapotranspiration—making irrigation scheduling easier and more effective.

BPF10785

7 Leaf Wetness Sensor

The leaf wetness sensor enables producers to identify when moisture is likely to be present on crop leaves in a specific field.

BPF10832

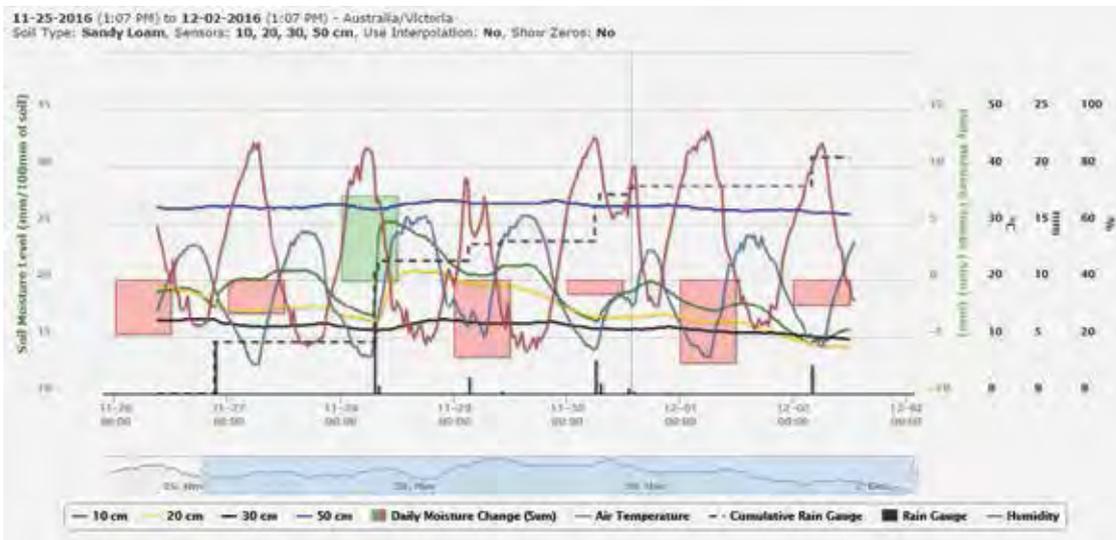
Field connect unit in potato pivot season completed

Written by Richard Sawyer

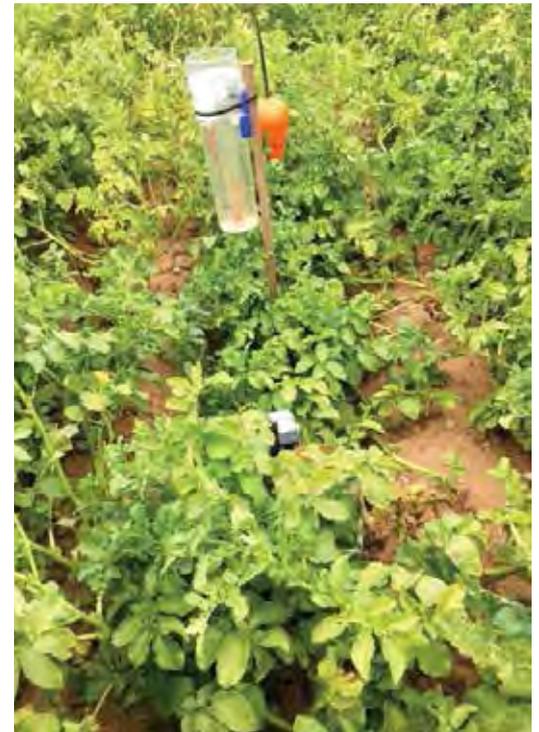
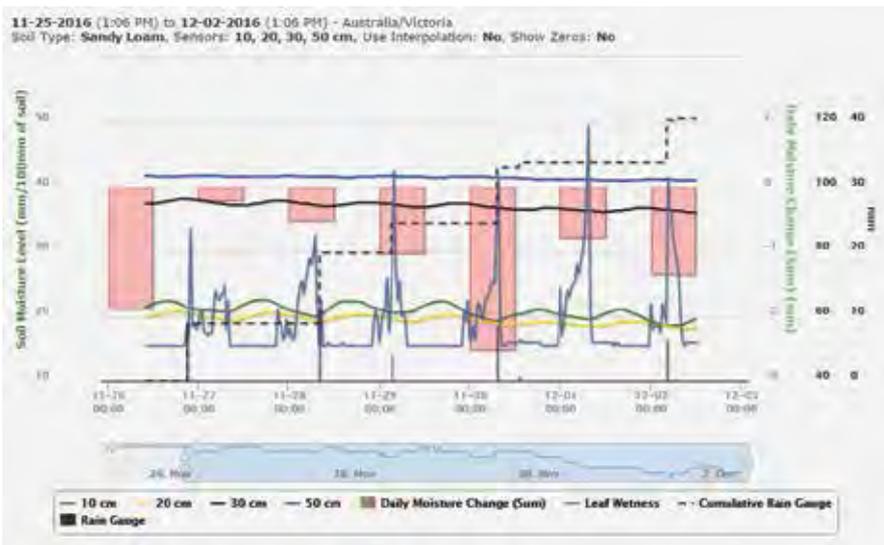
The John Deere trial Field Connect moisture and climate monitoring unit was finally removed on 23rd February 2017 from the potato pivot following a crop season trial. This unit was installed in mid November after crop emergence and the banks had been pulled up. Unlike previous uses of this equipment, we coincided this with trialling John Deere's wireless nodes, eliminating the need for the installation of cables and enabling a probe to be installed within the first and last span of the pivot.



Each monitoring site consisted of a 0.5m probe and rain gauge with the addition of specific sensors on each site. The inner site had temperature and humidity sensors while the outer site had the addition of a leaf wetness sensor.



Overall the system worked well, providing valuable data regarding crop use, infiltration rates, drawdown periods following hot weather and watering accuracy across the pivot. The clients were able to visualise and analyse the data remotely from offices both locally and regionally on the web based portal. Due to the distances and remoteness of this operation, the ability to access the data in this way made the Field Connect Unit a useful farm management tool.



The trial did not go without its hitches, we found due to rapid canopy growth shading the rain gauges, creating the need to raise them every two to three weeks in the peak growth period. The initial set up was fiddly, however once all connected the units ran without a hitch. Future improvements will ensure constant power supply to the host node through the solar panel and to mount the monitors onto a frame that can easily be raised or lowered to keep at the correct height.



For more information and to look at options for your crop please contact Richard Sawyer or Matt Burns at Emmetts.
 By email Richard.sawyer@emmetts.com.au, mburns@emmetts.com.au

JOHN DEERE ESSENTIALS

More than the right parts – the right answers

John Deere parts are your best choice for performance and reliability.



1

Performance Battery

Built to give you years of reliable service.

CP6844AAU
Regular: \$317.64



9

Classic Glass Cleaner

Clean and brighten glass with a streak-free formula that tackles tough jobs.

TY25684AU
Regular: \$8.17

8

12V Refrigerator/Warmer

Keep drinks hot or cold with this refrigerator/warmer - ideal for long days in the field!

SWREF12V
Regular: \$151.05



2

Plus-50™ II Oil

Save money on maintenance – Plus-50 II protects up to 500 hours when used with John Deere filters in John Deere engines.

CP6657 5 L
CP6658 20 L
CP6659 205 L
CP6660 1,000 L



3

Engine Cleaner

Remove oil, grease and grime with fast spray-on, hose-off application.

TY26357AU
Regular: \$11.66



4

Multi-Purpose Heavy-Duty Lithium Complex Grease

A multi-purpose grease ideal for wheel bearings, universal joints, suspension systems and ball joints.

TY24416



5

Tyre Sealant

Protect your tyres against air loss and seal punctures up to 6 mm in diameter.

TY26370AU
Regular: \$16.38

6

Absorbent Mats

Handle leaks and drips before they hit your workshop floor with these mats.

PMABS2860
Regular: \$81.37



7

Ag & Turf Green Paint

Touch up scratches with this long-lasting colourfast paint that delivers all-weather performance.

TY25624AU
Regular: \$12.49





Get Connected with JDLink™

Stay up to speed on your entire fleet with JDLink-embedded machine kits. JDLink connects you to your equipment more than ever before by granting you instant access to machine information like location, machine hours and alerts, leaving you in control to increase machine productivity.

You'll be informed about machine logistics and maintenance schedules through the

MyJohnDeere Operations Center. With JDLink Connect you get useful tools such as remote display access, location history, alert monitoring and wireless data transfer — so you can stay as productive and profitable as possible.

Talk to your local John Deere dealer today about the right kit for your machine and get the information you need now.

Emmetts Precision Ag. Solutions Packages

SELECT PLUS	PRICE
<ul style="list-style-type: none"> 1800 Emmetts Phone Support (Business Hours Monday - Friday 8am - 5pm. Peak Season Monday - Sunday 8am - 7pm) Code identification, diagnostics and support via phone One free in-branch software update to receiver and screen One free admission to Emmetts Training Course (eg. Seeder/Harvester) One hour of in-branch PC support for MyJohnDeere, Operations Centre, and Apex software. Optional access 24/7 to John Deere Stellar Support at discounted rates 	\$385.00 + GST (Annual Subscription)
PREMIUM PLUS	PRICE
<ul style="list-style-type: none"> 1800 Emmetts Phone Support (Business Hours Monday - Friday 8am - 5pm. Peak Season Monday - Sunday 8am - 7pm) Code identification, diagnostics and support via phone, Service Advisor Remote and Remote Display Access* (if machine capable) Two free in-branch software updates to receiver and screen One free admission to Emmetts Training Course (eg. Seeder/Harvester) One hour of in-branch PC support for MyJohnDeere, Operations Centre, and Apex software. Optional access 24/7 to John Deere Stellar Support at discounted rates 	\$585.00 + GST (Annual Subscription)
ULTIMATE PLUS	PRICE
<ul style="list-style-type: none"> 1800 Emmetts Phone Support (Business Hours Monday - Friday 8am - 5pm. Peak Season Monday - Sunday 8am - 7pm) Code identification, diagnostics and support via phone, Service Advisor Remote and Remote Display Access* (if machine capable), Emmetts full machine code and alert monitoring via JDLink* Two free in-branch software updates to receiver and screen One free admission to Emmetts Training Course (eg. Seeder/Harvester) One hour of in-branch PC support for MyJohnDeere, Operations Centre, and Apex software. Optional access 24/7 to John Deere Stellar Support at discounted rates <p>* Machines must be fitted with a 2630 screen and JDLink capable, with a current JDLink Connect subscription</p>	\$985.00 + GST (Annual Subscription)
JOHN DEERE 24/7 STELLAR SUPPORT PHONE SERVICE*	PRICE
<p>For customers requiring a phone support 24/7 anytime/anywhere a current subscription to the Precision Ag. Customer Contact Centre is required. This allows unlimited access to the John Deere Stellar Support Customer Contact Centre for all Precision Ag. related issues. This is offered at a significantly discounted cost to Emmetts customers who have a current service agreement. * When purchased with an Emmetts Support Agreement</p>	\$215.00 + GST (Annual Subscription)
PAY AS YOU GO ON FARM SUPPORT	
<p>For customers that do not require a continuous support agreement, a Pay As You Go option is available with Precision Ag. Support charged at the current workshop labour rates.</p>	

** Peak Periods (Season Dependent) April - June / November - December

On Farm Support and Support / Service outside of selected service agreement will be charged at current workshop labour rates.

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WELL OILED
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FEELING**



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205L DRUM OF
PLUS-50 II**

**GET 20L OF
HY-GARD™
FREE***



JOHN DEERE

*Conditions apply, visit JohnDeere.com.au/Oils for full details. Valid from 3 April to 31 May 2017.

Almond Crop GPS signal test day

Written by Richard Sawyer

Emmetts Precision Ag department have been working with John Deere Solutions specialist Lance Dickerson looking at potential yield monitoring applications within specialist crops. The almond industry has had a boost over the past few years with increased demand for product across the world. This demand increase has lead to a greater interest for the implementation for technology to obtain valuable production data.

The testing consisted of three levels of accuracy, RTK, SF3 and SF1 with two different John Deere receivers, the new SF6000 and the older SF3000 mounted onto a John Deere Gator. Traveling through the canopy data was collected using a false task to create a map of application and coverage. This data was then sent up wirelessly to the John Deere cloud based Operations Centre for analysis.

The use of yield monitoring data in many crop situations has increased dramatically over the past decade, with the initial implementation coming from the broad acre sector through basic technology. Recent developments in this technology lead to increased demand for the implementation of yield mapping across a number of different enterprises including vegetables, grapes and nut crops.



Last week the precision ag team visited two growers in the SA Riverland to trial GPS accuracy and data collection potential in almond orchards. The main concern was collecting an accurate GPS reference point within the older plantations where the size of the canopy caused shading, reducing signal inputs.

During the test day the precision ag team visited a grower who had installed his own version of yield monitoring equipment onto a harvester. This entailed the use of weigh sensors on the drawbar and axles of the collection cart which sent data back to a logger and then up to the office computer. The cost of this set up was justified through the increase accuracy of marketable quantities, allowing the grower to lock in accurate kilograms of product to contracts. This enabled him to optimise the value of higher priced contracts.

The outcome of the tests done with the Gator and the GPS equipment surprised the team allowing the next stages of development to continue with the hope of trial equipment being used before the 2017 harvest is completed.

For more information on the use of yield monitoring equipment in specialist crops and the use of yield data for management decisions please contact the Emmetts Precision Ag team at any branch or email Richard.sawyer@emmetts.com.au or mburns@emmetts.com.au.



Bourgault

Bourgault Industries, is a Canadian Manufacturer that first entered the Australian market in 1995 in a partnership agreement with an existing Western Australian tillage equipment manufacturer. The arrangement provided for local manufacture of the larger Bourgault designed components as well as to provide final assembly and distribution of Bourgault cultivators and air seeders across West Australia. After just a few years, Bourgault Industries decided that to ensure continuous product quality, the highest level of customer support as well as to have greater control of its own destiny, it was better to establish an independent Australian Bourgault subsidiary.

Bourgault Australia was formed and took over the marketing and distribution of products in Australia establishing a dedicated assembly and distribution facility in Armadale, Western Australia, just adjacent to the city of Perth. Later, a second distribution facility was established in Parkes, New South Wales, to service Australia's east coast.

As the company's popularity has grown over the years and began to produce an expanded product line, the Parkes facility became insufficient to keep up with customer demands and so it was decided to relocate the east coast operation.

As a result, in early 2016 the company reached another significant milestone with the opening of their brand new warehouse at Albury Wodonga. This new facility was designed from the ground up on a 6 hectare site to be able to configure and build the full range of Bourgault equipment now and well into the future. The location is ideal to supply the entire Emmetts dealer group with new equipment, parts and technical support. Headed up by Operations Manager Denis Dorval, Bourgault has now established an experienced team of dedicated product specialists at Albury who are passionate about customer service.

Throughout the Bourgault organisation, the focus on air seeding development has become an obsession to produce the best air seeding equipment possible. Listening to their customers and striving to meet and exceed their expectations has been a key part of Bourgault's success in Australia and is the ethos that drives the company. This single minded obsession has led the company to become not only a market leader, but also one of the most trusted businesses in the industry.

This success can be attributed to three fundamental reasons.



Innovation

The Bourgault Design Team knows farming and knows what is needed to make a better design. Focus groups and industry consultants are not part of the product development at Bourgault. Instead, design is generated from an innovative group of designers, many of whom are active farmers. Throughout the years, Bourgault has continually developed various Australian specific product lines, such as the AU Series air seeders, Streamliner liquid ready airseeders and the HVB hydraulic trip assembly.

Resale

A strong resale value is driven by reputation. Factors such as advanced capability, parts supply and dealer support are all important yet durability is likely the number one. Bourgault pride themselves on the durability of their products. It's been said that the company looks to reinforce the corners, not to cut them. New products are tested to destruction before releasing to the market place with priority placed on getting it right the first time.

Service

In partnership with Emmetts, the Bourgault team continues the tradition of addressing customer requirements to advance product quality and capability.



Bourgault Video Channel

A Valuable Resource for Australian Farmers

The Bourgault Video Channel has been "on the air" for over 5 years, posting over 70 promotional and instructional videos to help you get to know our product and our company better.

Over the past year, many more hours of new video and valuable clips have been collected and will soon be added. Search for "Bourgault Video" on YouTube or Google, and remember to subscribe to our channel to receive notifications when new videos are placed.

• Featured Products

Learn more about Bourgault's products and how they will improve your operation.

• Commitment to Quality

This playlist features Bourgault initiatives such as research conducted by the Agronomy Team.

• Bourgault Service

Important information on setting, operating and troubleshooting Bourgault equipment is continuously being added by the Bourgault Service Team.

• Exploring and Troubleshooting the X30 Apollo Controller

The X30 Apollo system has a dedicated playlist to help you get the most of this comprehensive controller.

• Bourgault Australia

The Australian team have created new video presentations aimed to provide insight into Bourgault products designed for Australia and how the company operates its distribution and support model.

BOURGAULT 3420 PARALINK™ HOE DRILL

OUTSTANDING SEEDING PRODUCTIVITY! NOW IN 80'!

Available in both 24.4m (80') and 30.5m (100') working widths, the 3420 PHDTM employs the proven 3320 PHD design with the added technology of the revolutionary TransFold™ folding system (guided by the X30 Apollo system) which allows you to span up to 100' on the 3420-100 in field position and transform into an equally impressive 5.6m (18'3") transport width!

The TransFold™ System

Designated as the TransFold™ fold back system, the unique design provides a transport envelope that is narrower than most wheeled 4WD tractors. The TransFold™ system is controlled by the operator through the X30 Apollo system.

Reduced Transport Stress

One of the most important benefits of the narrow transport profile is the reduced stress when meeting traffic on narrow roadways. Road safety for both the tractor and other vehicles on the road is noticeably improved. The 14 wheels positioned under the drill during transport spreads the load of this large drill, reducing the chance of "losing it" on a soft shoulder. In addition, the transport height is 5m (16'6"), so drivers typically will not be in danger of overhead obstacles such as power lines. The back four sets of 3420 transport wheels can be controlled by the operator via the X30, to steer the drill and tank around intersections and through approaches. When going around a corner, the operator can select a left or right turn to guide the drill. Once around the corner, the operator can then reset the wheels to "Drive Straight".

Forgiving Over Uneven Ground

Another feature of the 3420 PHD is its ability to contour in undulating conditions. The rear walking wheels are actually positioned between the second and third rows, shortening the effective contour depth. Contouring is further enhanced by the six-plex frame construction. Whereas the main frame of a traditional drill is solid, the 3420 incorporates an additional hinge about the centre, which is supported with a pair of 380/55R22.5 wheels. Despite the incredible width, the 3420 will easily follow the dips and draws that are present in many fields.

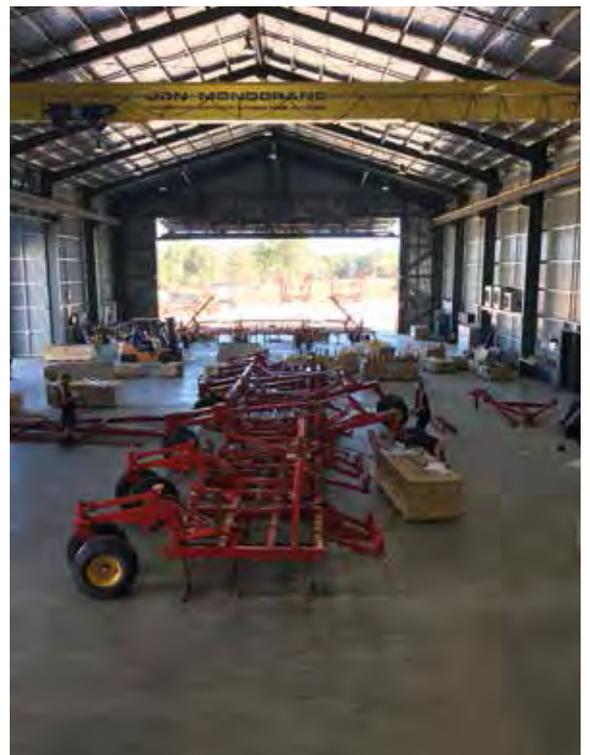
The 3420 Treads Lightly

The flotation achieved by the 3420 is surprising, despite its size. A unique approach to maximize flotation is the TreadLite™ system; comprised of two independent 21.5 x 16.1SL rear wheels that fold down in field position. The TreadLite™ system contours independently of the rest of the frame, providing constant down pressure regardless of the drill's position. This down pressure is factory set, based on drill configuration, to ensure optimal load balance between the front, in-frame, and TreadLite™ wheels. In addition, six 21.5x16.1SL caster wheels at the front ensure this immense drill keeps working even in challenging conditions. Although this concept does not lend itself to the large diameter tyres and unparallelled flotation of a hi-flotation 3320 (HF), an operator who has seeded two seasons with a 3420 prototype commented that it has better flotation than their standard 3320 (non hi-flotation) Paralink™ Hoe Drill.

Along with the unique features listed above, the 3420 Paralink Hoe Drill, maintains the proven engineering and convenience of the 3320 Paralink Hoe Drill.

PHD Seed Opener Assembly - The 3420 features this innovative parallel link seed opener assembly.
XTC Seed Opener Assembly - The 3420 is available with the XTC opener, a unique design which includes a tighter opener-to-packer distance and one-to-one contour ratio.

- **Strength & Durability** - The superior design provides adequate weight to penetrate into hard soil yet still provide even germination.
- **In-Cab Packer Pressure Control** - Adjust packing and opener force on-the-go.
- **Go With the Flow** - The hydraulic configuration on the 3420 QDA efficiently utilizes the tractor's hydraulic system to adjust packing and trip force for the banding coulters and seed openers.
- **Dependable Seeding Consistency** - The 3420 QDA will provide good results in a wide range of seeding conditions.
- **Precision Seed Placement** - Gives precision farmers the ability to achieve consistent seed placement, even in undulating land with the 3420 XTC.
- **Superior Field Finish** - By utilizing a narrow edge-on shank, the seed-only openers displace a minimal amount of soil.
- **Effective Vertical Penetration Force** - Expect excellent soil penetration force when required.
- **Optimal Fertilizer Placement** - The 3420 Paralink Hoe Drill is available with hydraulically actuated MRB® III nitrogen fertilizer applicators to provide optimal location and minimal risk in a one-pass seeding system.
- **Drill Control** - The X30 Apollo system offers Packmaster™ and Liftmaster™, two different drill control features to help farmers gain greater effectiveness of their seeding systems.



Shelbourne Stripper Front Case Study

January 2017

Article and photos provided by Victorian No-Till Farmers Association



Tom Robinson, SA

The Robinsons bought their first Shelbourne in 2011 after Tom went on a SANTFA trip to New Zealand. It was the first time he'd seen stubble loads like they had at home, and the penny dropped. This year they updated their Shelbourne to fit their controlled traffic system. The Shelbourne has solved the residue management issues they faced with their disc seeder such as hairpinning and accumulation of fine chaff.

"We bought it to make the disc work better but in doing research I realised the benefits of standing straw in slowing down evaporations rates. We're absolutely noticing that, we're holding more moisture in the ground, in the top 10cm, allowing us to get crops up on marginal moisture. It's also slowed down the breakdown of stubble – when you cut up and chop up your stubble it breaks down too fast and your soils eat it too fast, then you need to create more stubble. The Shelbourne helps resolve that issue."

Tom says the standing stubble the Shelbourne leaves behind also slows wind evaporation and by blocking summer sunlight, keeps soils cooler in summer.



The \$\$\$ value of residue

For every Tonne/Ha of wheat stubble removed the following nutrients are removed:

Nutrient	Kg/Ha	\$/Ha	Total \$/Ha
N	5	\$0.95	\$4.75
P	0.5	\$2.27	\$1.14
K	10	\$1.77	\$17.7
S	0.5	\$1.65	\$0.83
C	350	\$0.95	\$332.50

Source: DAFWA, Farmnote97/2001
Assumption: N is the same value as C
Port based prices

\$356.92

"In summer the stubble acts like a verandah by keeping the sun off the soil. Then in winter it's like a warm doona blanket, keeping the soils warm in winter. We can be 6-10 degrees warmer than my conventional neighbour in the middle of winter."

Troy and Grant Keating, VIC

When Troy and Grant Keating had to pack up the Shelbourne after its demonstration on their Werneth property in the Western District last harvest, Troy tweeted 'had to say goodbye today after spending some quality time together'.

"We didn't bother doing skip rows or anything to compare, we were that impressed we just kept going. We knew straight away it was a good thing. Slugs are our biggest issue right now, and by taking away their habitat by not leaving as much residue on the ground, the stripper could have a really positive effect. It will take a bit of time and trial and error, but I can see it has potential to make a difference and then we can cut back on slug bait."

"The stubble is twice as high as the stubble left by the cutter bar front, it certainly is impressive. In terms of the stubble left behind by just taking the heads and leaving the rest behind, instead of having stubble as high as one beer can, we've got stubble three times that. I can see benefits in shading and slowing down wind speed."



Ben Beck, NSW

Ben Beck, Downside, north of Wagga Wagga says his Shelbourne Stripper head is proving to be a valuable tool after using it for two cereal harvests. "We've been impressed with the improvement in plant establishment and vigour for the following crops. We've observed a significant reduction in summer weeds germinating, particularly summer grasses, and less winter broadleaves numbers in crop. This year we were able to successfully establish canola in early April from a 52mm rainfall event at the end of January."

Ross Watson, VIC

Ross Watson is one of the earliest adopters of zero-till CTF farming in the Mallee, and says the Shelbourne is the final piece of the puzzle for a system he has been perfecting since the 1990s.

SHELBOURNE NOW SOLD THROUGH EMMETTS

Harvest faster, retain stubble, save fuel



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RENMARK
08 8586 3688

ROSEWORTHY
08 8524 8131
RUPANYUP
03 5385 5600

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Bourgault Air Seeders, Paralink Drills and Cultivators
 Extreme Size. Extreme Range of Sizes.

emmetts: for all of your Bourgault needs



3320 PHD Paralink Hoe Drill

Add optional Bourgault MRBillis to your Series 3320 PHD to achieve optimal seed-to-fertiliser placement and ensure maximum returns by minimizing the risk of poor emergence. 3320's, equipped with MRBillis and narrow seed openers, allow for proper fertiliser placement with varying application rates.



3420 PHD Paralink Hoe Drill

NEW! for those operators wanting a system with closer contourability, the 3420 PHD™ is now available in the XTC model. The XTC, with its 1:1 contouring ability, allows you to closely follow undulating topography. The 3420 PHD is also available in Quick Depth Adjust (QDA) configuration.



7700

AIR SEEDER

Total Volume (litres) **24,667**
 26,077 w/ Saddle Tank

10,396 (295 bu) Tank 1	1,057 (30 bu) Tank 3
2,114 (60 bu) Non-Metering FLEX Bin	7,400 (210 bu) Tank 4
3,700 (105 bu) Tank 2	1,410 (40 bu) Optional Tank 5 (Saddle Tank)



L7550

AIR SEEDER

Total Volume (litres) **19,381**
 20,086 w/ Saddle Tank

2,995 (85 bu) Tank 1	8,281 (235 bu) Tank 4
6,167 (175 bu) Tank 2	705 (20 bu) Optional Tank 5 (Saddle Tank)
1,938 (55 bu) Tank 3	



7550

AIR SEEDER

Total Volume (litres) **19,381**
 20,086 w/ Saddle Tank

2,995 (85 bu) Tank 1	6,167 (175 bu) Tank 4
8,281 (235 bu) Tank 2	705 (20 bu) Optional Tank 5 (Saddle Tank)
1,938 (55 bu) Tank 3	

Overseas models shown.

www.bourgault.com.au

HORSHAM (VIC)
 105 Dimboola Road
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PINNAROO (SA)
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 08 8577 8141

ROSEWORTHY (SA)
 4 Flett Road
 08 8524 8131

SWAN HILL (VIC)
 5617 Murray Valley Hwy
 03 5036 4600

KADINA (SA)
 13a Martin Terrace
 08 8828 0200

PARNDANA (SA)
 62 Wedgewood Road
 08 8559 6066

RENMARK (SA)
 255 Renmark Ave
 08 8586 3688

RUPANYUP (VIC)
 6 Cromie Street
 03 5385 5600

WARRACKNABEAL (VIC)
 67 Henty Hwy
 03 5398 0700



Introducing the new Krone EasyCut TC Trailed Mower Conditioners



Krone Australia is proud to introduce the all new EasyCut TC 400 & 500 trailed mower conditioners. These mowers come in two working widths with 4m and 5m models available plus the option of 3 aggressive conditioning types, flail conditioner, rubber roller conditioner, and steel roller conditioner.

Machines come standard with hydraulic cutting height, crop diverters, and a 2-point hitch that provides greater manoeuvrability while reducing wear on the PTO shaft. The optional 3m endwise transport kit allows operators to change from working position to transport mode in under 30 seconds. With this optional kit there is no longer any need for wide load permits or travel escorts.

Along with these new great features the Krone EasyCut TC mowers also come with the same features that Krone owners have come to love and enjoy. Ranging from the SafeCut disc protection system, SmartCut cutterbar, lifetime oil filling, and fully welded cutterbar Krone leads the way with mower innovation.

Get in now to take full advantage of Krone's Pre-season offer, ends April 30.



BOOSTS PRODUCTIVITY. CUTS COSTS

Experience Krone's engineering excellence



Big Pack 1290 HDP2

- The new generation of big square baler
- World exclusive 8 double knoter system
- Unmatched for throughput and weight



Big Pack 1290 HDP High Speed

- The original, field proven high density baler
- Long bale chamber, heavy flywheel and no shear bolts in the driveline
- Onboard bale scales and soft start



Big Pack 1290 HDP Xtreme

- The best just got better
- Unique design enhancements for added durability and wear life
- Designed for tough conditions or high annual bale counts

*13 - 60 month term, No repayments for the first 6 months, 20% deposit, Monthly repayments, No residual.



HORSHAM
03 5382 9400

RUPANYUP
03 5385 5600



Service Tech Tip

As the spraying season has well and truly kicked off, it's time for sprayer pump maintenance - monitor oil colour and level. If oil starts to get milky in colour, or the level starts decreasing, there is a diaphragm failure. Have it repaired as soon as possible to minimise the damage, caused by water to bearings and internal parts.

Small to medium size farms need to install a service kit every two years and replace valves at every third service. For large farms install a service kit annually and replace valves every second service.

For further information please contact your local Emmetts Service Department.



Emmetts Service Deals

GREAT service. *GUARANTEED.*

BOOK IN NOW!

before June 30 2017

TRACTOR ■ SPRAYER ■ SEEDER ■ BALER

BONUS | 50% off kilometre travel rate
Finance options available to John Deere Finance Customers on services over \$10,000.

HORSHAM 03 5382 9400	MURRAY BRIDGE 08 8548 9277	PINNAROO 08 8577 8141	ROSEWORTHY 08 8524 8131	SWAN HILL 03 5036 4600
KADINA 08 8828 0200	PARNDANA 08 8559 6066	RENMARK 08 8586 3688	RUPANYUP 03 5385 5600	WARRACKNABEAL 03 5398 0700

GENUINE
John Deere
Parts

4 SERVICE DEAL
BOOK NOW EMMETTS.COM.AU

TRACTOR JOHN DEERE LUBE SERVICE	SPRAYER PRE SEASON INSPECTION	SEEDER PRE SEASON INSPECTION	BALER PRE SEASON INSPECTION
<p>Engine service will include changing engine oil and oil filter</p> <p>PLUS a 15 point inspection of the tractor \$350 +GST + parts</p>	<p>Service will include an inspection at a flat rate:</p> <p>Trailing Sprayers \$300 +GST</p> <p>Self Propelled Sprayers \$450 +GST</p> <p>Pump Reco \$150 +GST + Parts</p>	<p>Service will include an inspection at a flat rate:</p> <p>John Deere Air Cart \$250 +GST</p> <p>John Deere 1830 > 1895 \$300 - \$550 +GST</p>	<p>Service will include an inspection at a flat rate:</p> <p>Round Baler \$350 +GST</p>
<p>GREAT VALUE BONUS 50% OFF KILOMETRE TRAVEL RATE</p> <ul style="list-style-type: none"> <li style="width: 50%;">■ Service deals include labour up to 80km from the branch <li style="width: 50%;">■ On farm service inspections <li style="width: 50%;">■ Machines must be booked in for these service deals before 30 June 2017 <li style="width: 50%;">■ No after hours call out fee for machines involved in the service program <li style="width: 50%;">■ Finance options available to John Deere Finance Customers on services over \$10,000 <li style="width: 50%;">■ Using Genuine John Deere parts <li style="width: 50%;">■ Pumps to be tripled rinsed before repair. 			
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 2px solid yellow; padding: 5px; display: inline-block;"> 4 SERVICE DEAL <small>BOOK NOW EMMETTS.COM.AU</small> </div> <div style="display: flex; justify-content: space-around;"> </div> </div> <p style="text-align: center; margin-top: 5px;">Promotion valid until 30 June 2017</p>			

OIL AND LUBRICANTS

Up your productivity and protect your equipment for the long run with John Deere lubricants.

Plus-50™ II Premium Engine Oil

EXCEEDS
NEW CK-4
SPECS



Plus-50 II is our premium engine oil and is formulated to protect up to 500 hours, when used with John Deere filters in John Deere engines. After recent testing against the standards for the newly introduced engine oil category, CK-4, we are pleased to announce that our best has always been better, with the current formulation exceeding all CK-4 specifications.

Plus-50 II Premium Engine Oil provides:

- ✓ A formulation designed to inhibit oxidation, deposits, corrosion and wear with superior soot control
- ✓ Maximum sludge and varnish control
- ✓ Excellent low temperature fluidity that reduces engine wear in cold weather
- ✓ Low ash technology to support diesel particulate filter service life

Specifications

SAE 15W-40, API CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4/SN, SM, SL, SJ; ACEA E9, E7; JASO DH-2

Plus-50 II

Part No.	Size
CP6657	5 L
CP6658	20 L
CP6659	205 L
CP6660	1,000 L

ISO 68 Premium Hydraulic Oil

NEW



ISO 68 is a premium hydraulic oil which provides sustained performance for high demand hydraulic systems where exceptional shear stability and wear protection is required. Suitable for sugar cane harvesters, construction, forestry, mining and industrial equipment and farming implements.

ISO 68 Premium Hydraulic Oil provides:

- ✓ Low friction capabilities that help to reduce wear and energy consumption at start up
- ✓ High Viscosity Index that ensures the oil maintains the correct viscosity under temperature stress
- ✓ Advanced additive pack that provides excellent shear stability
- ✓ High resistance to oxidation and improved age stability
- ✓ Compatibility with a wide range of sealing materials
- ✓ Rapid demulsification properties that prevent the creation of water and oil sludge

ISO 68

Part No.	Size
CP6938	20 L
CP6939	205 L
CP6952	1,000 L

Therma-Gard™ Anti-Freeze/ Coolant



Therma-Gard is a high-performance anti-freeze/summer coolant designed to meet and exceed today's heavy-duty engine requirements.

Therma-Gard Anti-Freeze/Coolant provides:

- ✓ Up to 6 years/6,000 hours* life in cooling systems of diesel and petrol engines
- ✓ Support for advanced engine technology
- ✓ Protects against corrosion and deposits
- ✓ Extends water pump life and prevents liner cavitation
- ✓ High thermal and oxidation protection

**Rating applies when complete cooling system flush is performed prior to use.*

Therma-Gard

Part No.	Size
CP6175	5 L Pre-Mix
CP6176	10 L Pre-Mix
CP6177	20 L Pre-Mix
CP6179	5 L Concentrate

Hy-Gard™ Hydraulic & Transmission Oil



Hy-Gard is a hydraulic and transmission oil formulated to protect heavily-loaded gears, wet brakes, wet clutches and hydraulic systems.

Hy-Gard Hydraulic & Transmission Oil provides:

- ✓ Multi-viscosity formula for a wide range of operating temperatures
- ✓ Prevention of wear on high-torque heavily-loaded gears and bearings
- ✓ Proper friction for wet brakes and clutches, reducing slippage, wear and chatter
- ✓ Anti-wear additives for gears to prevent final drive wear

Specifications

SAE 10W-30, ISO 46-68, JDM J20C, JDQ 95 WEAR TEST

Hy-Gard

Part No.	Size
CP1565	5 L
CP1566	20 L
CP1567	205 L
CP2103	1,000 L

Training

Harvester Training available on all new combine purchases

TRAINING PROGRAM	TOPICS COVERED
Seeder Training	<ul style="list-style-type: none"> Operational setup of the Air Cart on the GreenStar Precision Ag. system Integrating working options and display run pages Task set up and basic documentation required Calibration & start up Software upgrades Machine optimization
Sprayer Training	<ul style="list-style-type: none"> Systems overview Integrating working options and display run pages Task set up and basic documentation required Calibration & start up Software upgrades Machine optimisation
Harvester Training	<ul style="list-style-type: none"> Machine overview current and older units Calibration variations across the range Task set up and basic documentation required Software upgrades Machine optimization



OPERATOR TRAINING

We are happy to offer a range of operator training, tailored to suit your operation, helping you gain the maximum efficiency from your John Deere equipment.

The training can be tailored to suit your needs whether this be on farm or in our modern and comfortable classroom.

If you have any questions about training please don't hesitate to contact the Emmetts Precision Ag. Solutions Team on 1800 366 388.

After Hours Support

After hours service available to keep you going during those critical times.

You'll find the total support package at Emmetts with...

- Factory trained technicians
- Close knit spare parts network - help is never far away
- Precision Ag technologies
- Service ADVISOR diagnostic system
- Infield service support
- Online parts information through JDParts.JohnDeere.com

Branch	Spare Parts	Service
Horsham	0429 811 555	0429 811 556
Kadina	0427 128 909	0428 859 231
Murray Bridge	0427 884 007	0448 085 147
Parndana	0427 596 073	0427 596 073
Pinnaroo	0448 783 174	0428 105 892
Renmark	0428 863 699	0457 758 342
Roseworthy	0488 195 768	0400 534 257
Rupanyup	0428 855 118	0428 855 096
Swan Hill	0428 332 115	0427 222 562
Warracknabeal	0419 504 283	0428 982 038

Precision Ag Technical Support - 1800 366 388

PRE-OWNED

EQUIPMENT



\$30,800 KA

Case IH CONCORD 4012 #800474

- 40 Concord 12 Spacing
- 6 Sweeps | Spreader Boots
- Single Shoot TBH Air Kit



\$93,500 RU

2012 Horwood Bagshaw PSS #152327

- 27" PSS Bar, 10' Spacings, Narrow Centre
- 32mm Seed and Fert Hose, Bar Only
- Excellent Condition



\$66,000 SH

2009 GoldAcres Prairie EF 6530 #451345

- 30m Boom 5 Section | Hopper | Mudguards
- Hydraulic Drive RO250 Pump
- Raven 450 Controller | 18.4x38 Wheels/Tyres



\$77,000 HO

2005 Case IH ADX2230 #252624

- Case Flexicoil PTX600 45' bar
- 9' spacings with ADX2230 TBT aircart
- Small Seeds Kit | Dual Shoot Seeding Kit



\$49,500 RU

2005 Goldacres 5000L #151020

- 2005 Goldacres | PTO Driven
- Raven 440 Controller
- 5000L Prairie with 30m 2 Tier Dual Line



\$27,500 KA

2003 Smale Multivator 10M #800585

- New Centre Frame Wheels
- Bourgault Points, 460lb Breakout
- 6 Run Simplicity Hose Kit



\$99,000 KA

2000 Fendt 716V #800601

- 2,900hrs | MFWD
- Front Axle Suspension | Cab Suspension
- 3PL w Fendt L/L FEL 650/65 R 38 Rears 80% 540/65R28 Front 70% S/U 800601



\$121,000 RO

2010 Case IH Puma 210 #800794

- 3276hrs
- FVA/4WD
- Top Con X20 GPS



\$308,000 HO

2013 John Deere DB60 #252580

- 24/48 Row 15' Planter
- Pro Series XP Row Units with Row Command
- Converted from 47 to 48 Rows
- CCS | Yetter Row Cleaners with Cleansweep



\$294,800 WA

2015 John Deere 1830 #302548

- 50 on 10 Spacings | 550lb Tines
- 2015 John Deere 1910 Tow Behind Air Cart
- Dealer Demo Less Than 20hrs
- 350 Bushel Beside Aire Cart



\$143,000 HO

2016 John Deere R990R #252612

- R990R & F350R Rotary Mowers
- Flail/Impeller Conditioning Package
- Barely used



\$38,500 HO

2011 John Deere 956 #252547

- MoCo Mower Conditioner
- Impeller Package
- Hydraulic Tilt Ram
- 3pl Hook Up



\$286,000 SH

2012 John Deere 4830 #451359

- Self Propelled Sprayer | 100' Mounted Boom
- 20' Spacings | Auto Boom Height Control
- Hydrostatic Drive 420/80R46 Tyres 80% 2630
- GS3 Display | Large Auto Greasing Kit



\$71,500 SH

2002 John Deere 6920 MFWD #451305

- IVT Transmission Triple Link ft Suspension
- 650/65R38 Rear Tyres | 540/65R28 Ft Tyres
- 3PL 3 Remotes | Ft Fenders



\$20,900 RO

2008 John Deere 5425 #800770

- 6881hrs | 2WD
- 24/24 PR Trans 14.9
- 28 Rear 11L-15 Front



\$71,500 HO

2009 John Deere 131 # 252541

- 388 Front Mount
- Twin Wing Flail Mowers
- Purchased 2010 | Farmer Owned

Pricing and inventory correct as of March, 2017



Available at your local Emmetts store | www.emmetts.com.au

HORSHAM (HO)

03 5382 9400

KADINA (KA)

08 8828 0200

MURRAY BRIDGE (MB)

08 8548 9277

PARNDANA (PA)

08 8559 6066

PINNAROO (PI)

08 8577 8141

RENMARK (RE)

08 8586 3688

ROSEWORTHY (RO)

08 8524 8131

RUPANYUP (RU)

03 5385 5600

SWAN HILL (SH)

03 5036 4600

WARRACKNABEAL (WA)

03 5398 0700

*Conditions Apply. Other terms and rates are available. Pricing includes GST. Some images used are for illustration purposes only and may show features or attachments not included in the advertised price. #Rated engine kW (ISO) per 97/68EC. Attachments & accessories sold separately.

AGree Decision Ag by Emmetts

News

The Emmetts Precision Ag Solution Team is excited to announce a further development in the world of technology integration for Emmetts customers. The Wimmera Machinery Field Days 2017 will be the platform to launch AGree Decision Ag. by Emmetts.

Service

As a further extension of services to what the Precision Ag Team provide, Richard Sawyer and Paul McClure, both qualified agronomists, will be working with farmers, and agronomists to assist in machinery integration, yield mapping, prescription maps, soil testing, water flow management and assistance to better use the technology each producer has, as well as provide advice on next steps in technology investment.

To learn more, visit the AGree website: www.agreedecisionag.com.au

This service will be offered to all primary producers including John Deere, New Holland and CaseIH customers as both JDLINK and Trimble is within the consultants areas of expertise.

Solution

The Australian agriculture sector had never had so many resources available to them which include; machinery, technology, satellites, mapping, computer integrated systems and data. However, we feel the majority within the industry are not using these resources to their full potential. This gave rise to the establishment of AGree. A dedicated department focused on working through the precision ag journey with customers. To ensure clarity of information, by analysis and application of this data for optimal profits.

We will help turn the vast amount of data collected from your farming system into information that you can use to make informed decisions that will increase your knowledge into the future.

If you would like to speak to one of the AGree consultants please contact, Richard (SA) 0419 480 063 or Paul (Vic) 0407 874 232.



From left: Richard Sawyer (SA) and Paul McClure (VIC).

www.agreedecisionag.com.au

Agricultural Sustainability

PULL PROFITS FROM DATA

We realised that with all the machinery, technology, satellites, mapping, computer integrated systems and data now accessible within the Australian agriculture sector, the majority of growers and consultants are not using technology to it's full potential.

This gave rise to the establishment of AGree Decision Ag by Emmetts. AGree is focused on working through the precision ag journey with customers. To ensure clarity of information, by analysis and application of this data for optimal profits.

We will help turn the vast amount of data collected or collectable from your farming system into information that you can use to make informed decisions that will increase your knowledge into the future.

www.agreedecisionag.com.au
Paul 0407 874 232 • Richard 0419 480 063

"We understand soil and plant systems, we understand machinery, we understand data. We will work with you to translate all of your data into actionable on farm decisions."

OUR CONSULTANTS CAN ASSIST WITH:

- Base soil mapping
- Soil testing
- Leaf testing
- Nutrient management plans
- VRT maps
- Predicta-B DNA testing
- Soil management plans
- Moisture monitoring
- Crop imagery (NDVI, RGB, Thermal)
- Elevation mapping
- Water flow modeling
- Consultation
- Yield map recording and analysis
- Map data cleaning
- Management zone analysis and creation
- Prescription mapping
- GPS guidance and boundary management
- Farm planning
- Digital farm maps
- Brand conversion of set up data
- GPS system integration
- On farm trials
- Machinery implementation

AGree aim to reduce the complexity of precision agriculture, with the continual developments in machinery, equipment and software applications, our promise is to stay on the forefront of this technology across all brands and platforms.

www.agreedecisionag.com.au

- ✓ PROMOTION VALID FEBRUARY 15 2017 – APRIL 30 2017, OR UNTIL SOLD OUT.
- ✓ 1, 2, 3 & 4 SERIES COMPACT TRACTORS COME WITH A 6 YEAR POWERTRAIN WARRANTY.



1 SERIES COMPACTS

1023E

- 4WD
- 3 point linkage, PTO
- Hydrostatic transmission
- John Deere quick release front end loader *OR* Howard quick release front end loader

1023E JD H120 FEL with Standard Bucket
\$19,999 (inc. GST)

1023E Howard HA 1400 FEL with 4-in-1 Bucket
\$19,999 (inc. GST)



1025R

- 4WD
- 3 point linkage, PTO
- Hydrostatic transmission
- John Deere quick release front end loader *OR* Howard quick release front end loader

1025R JD H120 FEL with Standard Bucket
\$21,999 (inc. GST)

1025R Howard HA 1400 FEL with 4-in-1 Bucket
\$21,999 (inc. GST)



2 SERIES COMPACTS

2025R

- 4WD
- 3 point linkage, PTO
- Hydrostatic transmission
- John Deere quick release front end loader *OR* Burder quick release front end loader

2025R JD H130 FEL with Standard Bucket
\$22,499 (inc. GST)

2025R Burder Titan 3200 FEL with 4-in-1 Bucket
\$24,499 (inc. GST)

Price does not include attachments shown within this photo.



3 SERIES COMPACTS

3036E

- 4WD
- Hydrostatic transmission
- 3 point linkage, PTO

3036E JD D160 FEL with Standard Bucket
\$24,999 (inc. GST)

3036E Howard HA1600 FEL with 4-in-1 Bucket
\$24,999 (inc. GST)

Price does not include attachments shown within this photo.

4 SERIES COMPACTS



4105

- 40.5 engine HP
- 4WD
- 3 cylinder diesel
- Hydrostatic transmission
- 3 point linkage, PTO

4105 JD H165 FEL
with Standard Bucket
\$28,499 (inc. GST)

4105 Howard HA 1700 FEL
with 4-in-1 Bucket
\$28,499 (inc. GST)

4049M

- 49 engine HP
- 4WD
- PowrReverser™ transmission
- 60L/pmin hydraulic capacity
- Power steering
- 1420kg lift capacity at lift points
- Hydrostatic transmission available

4049M Burder Titan 5500
FEL with 4-in-1 Bucket
\$41,999 (inc. GST)

4049M JD H180 FEL
with Standard Bucket
\$41,999 (inc. GST)



Price does not include attachments shown within this photo.

5 SERIES



5055E

- 55HP ROPS tractor
- 4WD
- 9/3 Shuttle Transmission
- 69 l/pm Hydraulic Capacity

5055E Burder Titan 7300 FEL
with 4-in-1 Bucket
\$38,999 (inc. GST)

5055E JD H240 FEL
with Standard Bucket
\$40,999 (inc. GST)

5075E

- 75Hp Cab tractor
- 4WD
- 12F / 12R PowrReverser™ transmission
- 69 l/pm Hydraulic Capacity

5075E Burder Titan 7300 FEL
with 4-in-1 Bucket
\$62,499 (inc. GST)

5075E JD H240 FEL
with Standard Bucket
\$64,499 (inc. GST)



Prices shown are no trade. Terms and conditions apply, see in store for details. Images used are for illustration purposes only.



JOHN DEERE



emmetts

GREASE

John Deere grease is specially formulated to meet the demanding lubricating needs for tough off-road and on-road conditions.

The right high-quality John Deere grease could save you money through longer equipment life, reduced downtime and lower equipment operational cost.



Special Purpose Heavy-Duty Moly Grease

Premium high-quality grease for use in high temperature and extreme pressure situations. Ideal for U-joints, wheel bearings and other grease points requiring severe-duty grease.

TY6333
Size: 397 g cartridge



Special Purpose Heavy-Duty Water Resistant Grease

Use in lawn and grounds care equipment, marine, agricultural and industrial machines.

TY24425
Size: 397 g cartridge



Multi-Purpose Lithium Grease

Ideal for all-season, general-purpose applications.

PT507
Size: 397 g cartridge



Multi-Purpose Heavy-Duty Lithium Complex Grease

Good multi-purpose grease for wheel bearings, universal joints, suspension systems, ball joints and anti-friction plain bearings. For use in heavy-duty situations where lithium greases are recommended or preferred.

TY24416
Size: 397 g cartridge



Multi-Purpose Polyurea High-Temperature Grease

Ideal in rolling contact and all-purpose applications, especially those requiring severe-duty grease. This is the factory-fill grease in most John Deere agricultural equipment.

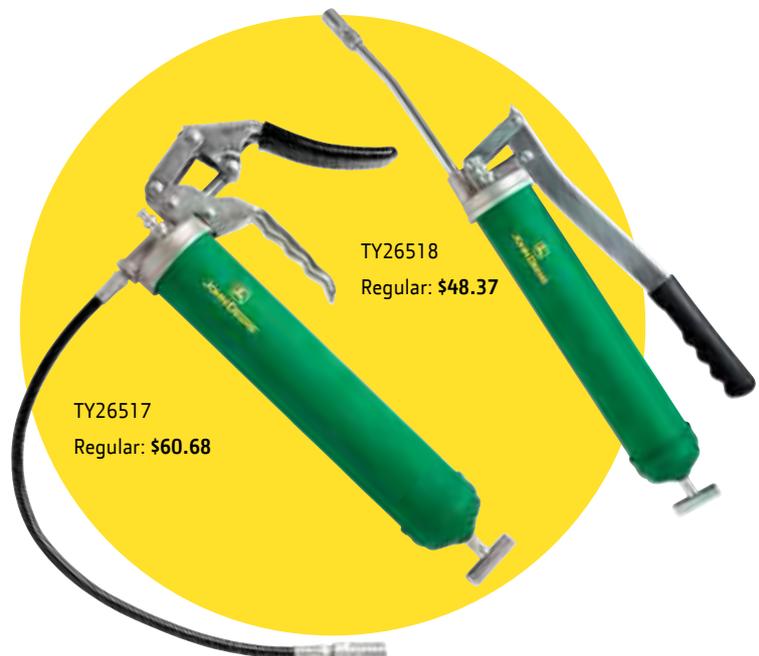
TY6341
Size: 397 g cartridge

Grease Guns

Here are two of the most durable and convenient grease guns John Deere has ever offered. From their impact-resistant handles to the rugged pistol assemblies, these guns are designed to make greasing easier than ever.

Pistol Grip and Lever-Action Grease Guns

- ✓ Industrial-strength steel throughout for long life
- ✓ Comfortable, ergonomically designed handles and levers
- ✓ Premium rod-and-plunger design allows consistent grease delivery
- ✓ Critical components constructed of cast-iron for ultimate durability



TY26517
Regular: \$60.68

TY26518
Regular: \$48.37

DJI Drones at Emmetts

Prior to Christmas 2016, Emmetts began selling DJI Drones. DJI are leaders in drone technology, with a light body, technologically advanced and reliable software, and excellent customer support.

Phantom 4's have been the most popular with a Forward Obstacle Sensing System that gives the Phantom 4 its own pair of eyes, empowering it to see in three dimensions and to react. In Normal Mode if it sees an obstacle approaching it will stop and hover. In TapFly, ActiveTrack and Smart Return Home Modes it will avoid the obstacle, or hover to avoid a collision. Using ActiveTrack, the Phantom 4 will recognise your subject, follow them naturally, and keep them in the frame. No GPS bracelet, tracker or beacon required. The Phantom 4 reacts to your touch. In TapFly Mode, simply tap live view on your smart device screen to send it flying. The Phantom 4 has a 28 minute flying time. Integrated Lightbridge technology allows you to see what the Phantom sees in 720p HD at up to 3.5km away. Shoot sharp, clean video in up to 4K and Full HD 1080p for slow motion, through a newly designed lens that dramatically increases sharpness.

The DJI Mavic is a small yet powerful drone that turns the sky into your creative canvas easily and without worry, helping you make every moment an aerial moment. Its compact size hides a high degree of complexity that makes it one of DJI's most sophisticated flying cameras ever. 24 high-performance computing cores, an all-new transmission system with a 4.3mi (7km) *range, 5 vision sensors, and a 4K camera stabilized by a 3-axis mechanical gimbal, are at your command with just a push of your thumb or tap of your finger.

Emmetts offer DJI Drone packages with additional batteries and a hard case, both a major benefit. With on-farm flying, a standard battery life is just less than 30 minutes of fly-time, meaning that multiple batteries are required.

The built-in camera comes standard on all DJI drones, offering video or still-life photos. This allows for remote inspection of crops and livestock; wet and hard-to-access paddocks are easily inspected.

Emmetts is introducing a DJI AG Package, which will be fitted with a Near Infrared Fixed Thermal Imaging and Temperature Measurement (NIR) camera to capture normalized difference vegetation index (NDVI) imagery for Field Health with processing through Agribotix. This will allow for fully automated field mapping, with additional software, batteries, chargers and hard case. Integral to the application of this technology, is the idea that all machines and software programs are able to work together, to maximise efficient decision making. The information provided by technology such as drones should result in profitability for the farmer.

Ease of use

The technology is amazing, and with some YouTube videos or someone to teach you how to operate one, it should take less than an hour to take your first flight. The drone will automatically return to base when battery life is low; this resets each time it is switched on. It has hazard avoidance technology - the Emmetts blog has a video demonstrating attempts to fly the drone into trees, but it autocorrects to stop and hover. The drone take-off is simple with the press of a button. A smart phone or tablet and the free DJI app is the only equipment required to operate the drone.

DJI YouTube site

The DJI YouTube site has a full range of tutorials on all things related to operation, flight and filming. It is found at:

<https://www.youtube.com/channel/UCIH0xVO3zOfyGjoPU652hw>

The CASA Flight Rules – What you need to know

CASA is the Civil Aviation Safety Authority who are responsible for regulating the airspace for airplanes, helicopters and now also includes drones and non-piloted aircraft.

There are two classifications for drones and non-piloted aircraft in Australia, the first is for commercial aircraft and requires an operator's certificate and remote pilot license; the second is for hobby users.

Emmetts drones for crop-mapping are flown by certified and licensed drone operators due to the size of drone and height of flight. Image quality and aviation safety are priorities for Emmetts.

To help guide farmers on the use of hobby drones on your property, please be aware that CASA has revised the regulations for hobby and consumer grade drones weighing less than two kilograms.

Mandatory conditions for hobby use includes:

- Only in day-visual line of sight below 120 metres;
- Maintaining more than 30 meters distance from people;
- Flying more than 5.5 kilometres from controlled aerodromes; and
- Not operating near emergency situations.

Penalties from CASA can apply if these conditions are not met. Details on CASA can be found at <https://www.casa.gov.au>.

For professional mapping contact the Emmetts Precision Agriculture Solutions Team, Richard Sawyer (08) 85248131 or Matt Burns (03) 5382 9441.



Riding The Storm

By Ham (Hamilton) Ackland

The Emmetts Team would like to thank Ham Ackland for his time and willingness to share his story with us.

On Friday 11 November 2016, a severe hailstorm described as a 'mini tornado' swept through the heart of the Sunraysia / Mildura regions of Victoria, and Murraylands / Riverland regions of South Australia, leaving a trail of destruction that many locals say they had never experienced before.

Huge hailstones and winds up to 130 kilometres per hour ravaged the region, damaging crops, houses, equipment and livestock. The timing of this storm could not have been worse – after 12 months of production, the storm wiped out the livelihoods of producers in a matter of hours...and only days before harvest.

Long-standing and much respected local producers, Ham and his wife Ros Ackland, were both on the farm when the storm hit, which wiped out 100% of their harvest. Ham shares his life and farming insights with us here.

On being born into farming...

It didn't really occur to me to do anything other than farming until after the course was largely set, and even then I mostly only had passing thoughts of where other career paths may have lead.

"My ancestors were farmers and to a large degree, it is in the blood."

This is exemplified by my son who doesn't farm but still likes to return to the farm from his city career in I.T. to get his regular dose of "rural sanity" and feel the dirt under his fingers. Similarly, my daughter's young son loves the farm, and spends all the time he can here, with definite aspirations of one day taking over from Grandpa.

I have continued to farm because it has provided me with the opportunity to earn my livelihood in a largely self-reliant way, with few others to have to answer, and justify my actions to. It is far from the madding crowd.

"Looking back from 60 years of age, I still feel I am where I belong, doing what I should be doing."

It suits an introvert.



On the local area, Bowhill South Australia near Murray Bridge...

We live and farm in a winter dominant low rainfall area (290mm average annual) with shallow, calcareous and high pH soils, less than 2-hours east of Adelaide. The Murray River flows through the district, which allows irrigation of many horticultural crops, including grapes, onions, potatoes, carrots and others. Although we are involved in dryland farming only, the proximity of sensitive horticultural crops makes the concerns around potential chemical trespass a particularly high and stressful issue.

Dryland farming in the area has traditionally revolved around merino sheep and long rotation cereal cropping, but this has changed somewhat in the last 15 years or so, and we personally have had no stock involvement for the last 10 years, with no regrets.

On what he's learnt from over 40 years of farming...

The wider district still shows the evidence of past mistakes made in farming practices, evidenced by now mostly stabilised sand drift on roadsides and drifted-in fences, so the change to Minimum Till in the mid-late 80's, and then the logical further step to No-Till in 2003 (knife point / presswheel system) has had a large impact on me, my property, and the wider district.

"Saves oil, soil, and toil" is a good description of the system, although it does seem that if you solve one problem, you likely create two others.

"I did find I had to "unlearn" much of what I thought I knew, and re-learn much else in its place. And the learning (and mistakes) continues."

I don't see me making the further move to Zero Till (disc seeder), because to me, the disadvantages in my particular environment outweigh the advantages, although I am aware there are a few producers around who seem to be having some success. The shift to No-Till caused us to be fairly early adopters of auto steer in 2004, because it was very difficult to see the mark from No Till 64ft seeder, especially at night, and a physical marker system for that width seemed somewhat impractical.

Auto steer soon proved to be indispensable, and I consider it to be one of the greatest leaps forward I have experienced.

I sometimes think that some of the technology is adopted simply for its own sake, but autosteer is one facet I would not like to do without.

On the 2016 Hailstorm and 100% loss of his harvest...

The storm of Remembrance Day 2016 was unlike anything I have ever seen or experienced. The picture of Ros and Rowdy and Roses, were taken the day before, and the harvester can be seen parked in the background being prepared for harvest...which at that point was an estimated two weeks from commencement.

"For me, the disappointment of missing out by two weeks on what seems likely to have been the best harvest we had ever had was devastating at the time."

For a farmer, and a typical male, it could be described as being somewhat like 12-months of foreplay, and no "happy ending".

"Looking back, I can see that Ros and I walked around in something of a daze for a couple of weeks after."

The crop assessor said he had never seen 100% loss of 100% cropped area before.

In my 40 years of farming, I have never before had reason to make a crop insurance claim. Insurance wrote off seven damaged field bins and we had an auger also damaged.

For Ros, apart from keeping an eye on my state of mind, the damage caused to the house by a flying bin, which came OVER the top of the shed I was sheltering in with Rowdy the dog, is likely the biggest issue. This hit with massive force, damaging the house roof and breaking through the outer layer of the double brick wall, and seriously cracking the inner walls of three bedrooms on the south side of the house.





Neighbourly assistance.



Storm Wreckage Retrieval.

On surviving the storm...

I recall standing in the doorway of the shed and seeing the bin against the house...when I COULD see through the hail, that is. Rowdy and I were cuddling each other in disbelief as objects flew past the shed door at head height, and I recall wondering if a person had been caught in the open, might it possibly be non-survivable. My question was answered later, as we drove around the crops surveying the damage, and found literally hundreds of dead magpies caught in the open, kilometres away from trees.

On surveying the damage...

I couldn't account for one bin after the storm, and we found it the next day, 1.1 kilometres from where it started, on its wheels but severely damaged. It had passed through or over six fence lines, three tree lines, an electricity line, and a bitumen road. Most of the 1.1 kilometres was strewn with wreckage from the seven bins we lost.

However, possibly one of the bigger impacts of the storm is yet to be felt, in that we have the twisted and mangled remnants of the heaviest crops we have ever grown to clean up, and replant a crop into for 2017.

I have taken the harvester for an exploratory run through what was left of our barley and after approximately 1500 metres of dragging an 11-metre draper on the ground, I had three wheelbarrow loads of grain in the tank.

There is 3 to 4 t/ha of cereal seed on the ground waiting to grow with the opening rains. I haven't yet decided if I know how to handle that. For legumes or canola that isn't much of a problem

but it will be for cereals, and for a large part of our farm herbicide residues will eliminate the option of legumes or canola.

On plans for the future...

In view of my advancing years I think it has to be largely "steady as she goes", with a gradual cut back and slow down. This has been happening in recent years in any case, with steady reductions of the cropped area, and leasing some property out.

On machinery...

The first Deere equipment we owned was a 9200 Deere 4WD tractor, as a replacement for a Steiger we had outgrown. I was most impressed with that tractor, to the point that when it came time to replace our red harvester, we bought a 9650 STS, which we still have, and have no plans to replace. We now have a 9330 as the main tractor, and a 6820 with 741 loader, which we bought as VERY used, and an EZTrak mower.

I, for the most part like all of the Deere units we own however none are perfect, and I have constructive criticism to make of all of them.

On claims that he is a John Deere die-hard...

Despite the reflected Green colour of our shed, I don't consider myself a Deere freak, and would always see what else the market had to offer if I was considering upgrading.

"I do tend to hold onto machines a long time if I like them, and that fact explains why my fleet, although not ancient, does contain mostly Deere that were bought new...not particularly recently!"

Rumours of my owning a John Deere green toilet seat, and further rumours that it was caused by my bad aim, are all totally unfounded!

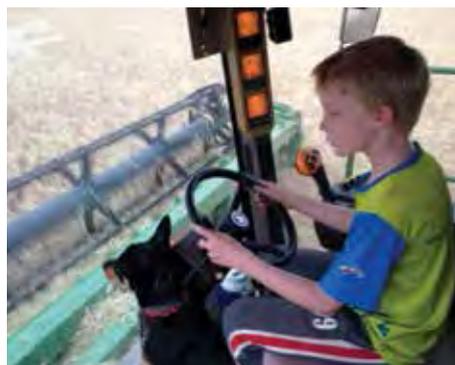
Extras:

The Remembrance Day storm that hit the Sunraysia region in November 2016, has had serious impacts for many of the Sunraysia's fruit and vegetable growers. **Victorian Labor government estimates that damage to the farming sector ranges between \$77.6 million and \$156.8 million** (Victoria State Government Media Release, 19 January 2017).

Grants of up to \$25,000 are now available to all eligible primary producers, to assist in covering the substantial expenditure involved in clean-up and reinstatement, including salvaging crops, repair or replacement of essential equipment, the disposal of damaged goods and buying in fodder for affected livestock. To apply, primary producers can contact Rural Finance Victoria on 1800 260 425 or at www.ruralfinance.com.au.



Rolling peas after sowing.



Training for Grandson Marcus McDonald.



Rowdy thinks it's work time.

They're just better. John Deere Oil Filters

Rubber gaskets specifically designed for each application

Tighter seal than cork or plastic gaskets used by most competitors.

Nut plate with rolled threads

Rolled threads prevent metal contamination vs. traditionally machined threads.

Heavy-duty one-piece metal end caps

Stronger and better seal than cardboard or 2-piece lightweight metal.

Crimped spiral center tube

Adds strength to prevent media from collapsing and allowing particles into system.

Tight pleats and even media spacing

Ensure even filtration for better protection.

Additional pleat lock on larger filters

Ensures and maintains consistent and even media spacing.

Heavy-duty canister

Stronger, longer fatigue life.

Oil Filters

Part No.	Description	Application	Regular	Special
RE504836	Oil Filter	Combines (9570, S550)	\$30.06	
RE509672	Filter Element	Tractors (8020, 8030, 8R T3 & IT4, 9020, 9230 Series), Self-Propelled Forage Harvesters (7180, 8100, 8200)	\$41.54	
DZ101880	Filter Kit	Tractors (8100-8400)	\$34.98	
RE59754	Oil Filter	Tractors (4890, 4895, 4990, 4995, 5410, 5510, 6403, 6603)	\$27.80	
T19044	Oil Filter	Tractors (5210, 5310)	\$11.92	\$10.73
RE572785	Oil Filter	Tractors (9R, 9RT Series), Self-Propelled Forage Harvesters (7080, 8000 Series)	\$106.19	
RE519626	Oil Filter	Tractors (5303, 5225, 5325)	\$20.41	\$18.36
RE58935	Oil Filter	Tractors (9100-9400, 9020 Series), Self-Propelled Forage Harvesters (7200-7800)	\$104.49	

**JOHN DEERE OIL FILTERS
+ PLUS-50™ II ENGINE OIL**

**500 HOURS FREE
OF DOWNTIME†**

When you pair John Deere oil filters with Plus-50 II Premium Engine Oil, there's no stopping you for 500 hours! Because John Deere engineers design our maintenance products to work hand-in-hand to defend your machine from harsh conditions and wear.

Plus, both John Deere filters and Plus-50 II are ready to protect all engines used in your operations.

Don't take your equipment to the field without this winning combo. Trust John Deere filters and oil to help your machines last.

†500 hour drain interval applies to John Deere diesel engines when the following criteria are met:

1. Engine is equipped with an extended drain interval oil pan.
2. Machine operates with Plus-50 II engine oil API CK-4.
3. Machine uses a John Deere engine oil filter.
4. Machine uses only ultra low sulphur diesel fuel.



The New 5R Series - a light and nimble tractor that handles all heavy loads.

As the new 5R series begin to hit Australian shores, many in the industry have let out a sigh of relief that a tractor of this size and style is being released afresh by John Deere. As the last 5R series had a break in production, many Viticulturists and Horticulturalists have been waiting for this model.

Orders placed in early 2017 should see the arrival of the 5R tractors for vintage. Emmetts has had the opportunity to view one of the first machines to land in Australia, and one of our South Australian customers had a sneak peak in March 2017.

This nimble utility tractor was designed to meet the requirements of small and medium sized agricultural, dairy and livestock farms, and local government purposes. Building on the strengths of the previous 5R models, John Deere's new 5R series tractors have been designed to provide enhanced levels of comfort, compactness and performance.

The technical details

With an optimised wheelbase of 2.25m, the new 5R family combines a one-piece curved frame design with a low centre of gravity to facilitate front loader installation on-the-go, while still maintaining the best possible manoeuvrability, and a turning radius of only 3.75 m, even when fitted with a loader.

The new 5090R model (67.1 kW, 90 hp), 5100R model (74.6 kW, 100 hp), 5115R model (85.8 kW, 115 hp), and 5125R model (93.2 kW, 125 hp) are equipped with fuel efficient, Stage IIIB/ Interim Tier 4 (iT4) compliant 4.5 L John Deere PowerTech™ PWX engines. These diesel-only four-cylinder engines deliver 7.5 extra kW (10 hp) for transport applications via their Transport Power Management (TPM) system.

Customers can choose between three transmission options. The entry level 16/16 CommandQuad™ manual transmission features four ranges and four PowerShift™ gears within each range. The 16/16 CommandQuad and the 32/16 Command8™ have eight PowerShift gears and an ECO mode that enables a top speed of 40 km/h at only 1759 engine rpm.

While all of these transmissions offer a fully automatic clutch, individual start-up gears, individually settable speeds and an electric park lock, the premium level 32/16 Command8 also

features an automatic shifting function. The latter feature is however an optional extra, available on the 16/16 CommandQuad transmission.

With a shipping weight of 4.3 tonnes, the new 5R Series tractors can lift as much as 4.7 or



The newly designed 5R Series tractor cab offers a tilttable steering column, Primary Display Unit (PDU+) corner post display, panoramic front windshield and an ergonomic control panel. For front loader operation, John Deere offers a choice of mechanical or new electrical joysticks, both linked to the tractor seat.

In addition, the new 543R front loader offers automatic mast and implement latch, a 10 per cent increase in lift capacity, higher breakout force and an increased roll-back angle. Depending on the task, both the 543R and 603R loaders are equipped with a choice of levelling options.

Designed for use in narrow row crops, other specialty crops and vineyards, the new 5RN Series tractors feature a minimum width of 1.8m, a narrow cab, and mechanical front wheel drive.

optionally 5.3 tonnes. The open-centre hydraulic system is equipped with a standard 96 Lpm pump and is also available with a Pressure and Flow Compensated (PFC) 117 Lpm version. Whether they are mechanically or electronically controlled, four SCVs provide fast loading cycles.

For improved operator comfort especially in rough terrain, John Deere's new 5R Series tractors are available with front axle suspension, featuring independent arms and infinite adjustment of +/- 5mm that allows complete shut-off when required.

An optional maintenance-free mechanical cab suspension system is also available, which uses two adjustable shock absorbers to ultimately support the air-suspended seat, a further optional feature. This seat is normally standard equipment on 6R Series tractors, and features 5 to 15 degrees of swivel, lumbar adjustment and an optional heating system.

See one for yourself

Stay tuned on the Emmetts blog and Facebook page for updates on when the 5R demonstrations will be held.

Details from this article have been taken from the John Deere Press Release on the product.



A Customer's Perspective on the 9RX

It's been a year since the first 9RX hit Australian shores and we have some customers who are now operating it on their farms. One of our first customers to purchase the 9RX was Brett Roberts, who decided to buy one from the Kadina branch on the Yorke Peninsula along with a 1910 John Deere 550 bushel Air Cart.

It was delivered to Brett in early February 2017, and he certainly turned heads when he drove the rig through the streets and pulled up at the local Caltex.

After a month of getting acquainted with the tractor, we contacted Brett in mid-March to find out what he thought of the 9RX.

With Brett's current 9630T tractor being a bit long in the tooth, having clocked up thousands of hours, he decided to look around and discovered the 9RX. He was already buying the 550 bushel Air Cart and needed something with enough oil capacity, couplers and remote couplers to operate it all, as well as enough power to pull it.

"We have put 70 hours on the 9RX, and so far the suspension is exceptional as we have put it over some rough ground. In fact it might be too good as you don't feel the bumps and know when to slow down."

"The ride is exceptional, we had a 9400T and a 9630T in the past, and the 9RX is a vast improvement, as it will pull a full load on a corner and it gets all the power to the ground, with no slip."

"The tractor is well suspended, we have used a half grader blade with it and under a heavy load we have never had any wheel slip and there is plenty of torque."

When Gavin Hahesy, Brett Robert's Operations Manager, picked up the machines from the Kadina branch, he was thrilled with the comfort of the cabin, as was Border Collie Mia.

John Deere's Perspective on the 9RX and the Technical Specifications

After years of design, field trials and customer feedback, John Deere introduced its first-ever four-track tractor, adding to its extensive line of high horsepower 9R Series wheeled and 9RT Series two-track tractors. The four new 9RX Tractor models – which range from 346 to 456 engine kilowatts (470 to 620 engine horsepower) – feature a large, robust undercarriage and track system engineered to provide superior power, durability, and improved ride quality, especially when handling large implements in the field.

Jerry Griffith, John Deere Product Marketing Manager, says the new 9RX Series Tractors offer customers three distinct advantages compared to similar four-track models. "The 9RX has a superior undercarriage with a positive-drive track system that effectively delivers power to the ground; it features the outstanding comfort of our CommandView™ III cab with a new cab suspension system for improved ride quality; and it is designed with integrated performance features already available on our nine Family of tractors."

Impressive additional features include built-in, fully integrated AutoTrac™ guidance and JDLink™

Connect information management, the e18™ Transmission with Efficiency Manager, and increased hydraulic flow for optimal field performance. "The 9RX has been designed with our customers in mind to provide the performance, manoeuvrability, comfort and reliability to operate large, heavy equipment under a wide variety of soil conditions and terrain," Griffith adds.

The 9RX Tractors feature either a John Deere PowerTech™ PSS 13.5L engine (9470RX and 9520RX models) or Cummins QSX15 engine (9570RX and 9620RX models) to provide the torque and power needed to handle the toughest field conditions. The engine powers a large diameter drive sprocket and lugs that, along with optimally placed idlers and mid-rollers, work to deliver exceptional horsepower to the ground with less track slippage.

The tractors are equipped with rugged, puncture-resistant Camso Duradrive® 3500 and Camso Duradrive 6500 (with Durabuilt® technology) rubber tracks for optimal load-bearing performance in the field. The track belts are designed for increased life and durability, and are available in 30-inch (762 mm) and 36-inch (914 mm) widths.

Like its 9R/9RT siblings, the new four-track tractors are available with the responsive, smooth-shifting e18 Transmission with Efficiency Manager for automated control of the engine and transmission. This industry-leading transmission responds quickly and automatically in the field for improved performance and increased fuel savings.

The tractors also feature an articulated steering system and the optional Active Command Steering™ (ACS), which improves manoeuvrability in the field and line-holding ability at transport speeds.

For improved ride quality, the 9RX tractors are designed with a mechanical Parallel Plane Four-Bar Linkage system with 10 centimetres of vertical travel. This helps to control movement and isolates the cab and operator from sudden impacts and vibration.

The intuitive, easy-to-use Generation 4 CommandCenter™ with custom-built pages and green-on-green integrated technologies provides fingertip control of tractor and implement functions.



"We've also redesigned the hydraulic system in the new 9RX, which includes up to eight SCVs and delivers a standard 220 litres per minute of flow, or an optional 435 litres per minute of flow. It easily meets the speed and high hydraulic power demands of the large implements our customers often use in the field," Griffith says.

"The 9RX brings to the market John Deere's 20 years of track-tractor expertise and field knowledge gained from our popular 8RT and 9RT tractors," Griffith states. "Customers tell us the 9RX has the most comfortable ride, is easier to manoeuvre in the field, is easier to maintain and service, and more importantly, provides the power they need to get field work done faster and more effectively."

Emmetts Perspective of the 9RX

Having the 9RX tractor really rounds out the tractor offering of John Deere. Particularly where Emmetts is located, with many of the branches being in the heart of broadacre country. The pulling power and new features of the 9RX really put us in a competitive position. The 9RX has been demonstrated by the South Australian Branches in March 2017 with Swan Hill, Rupanyup and Horsham demonstrations happening in early April. Contact your local Emmetts branch to find out more, or come and try one out for yourself.

Gavin Hahesy and Border Collie Mia acquainting themselves with the new 9RX.



John Deere Financial



You wake up every morning thinking about your bottom line.

So do we,

As dawn breaks, you're ready to grow your operation. So are we. We work to know you – to understand what you face in the field, and to help you get the most out of what you put in. Along the way, you can count on us for flexible financing – to structure payments and provide terms that fit you, and your business.

John Deere Financial. There at the start – and end – of every day for you.

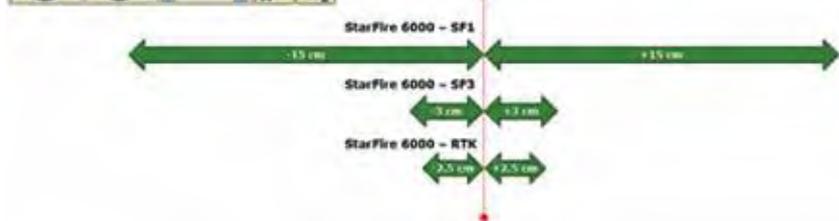


JOHN DEERE
FINANCIAL

John Deere releases the new StarFire 6000 Receiver, the latest product in the John Deere Precision Ag. arsenal...



The release of the StarFire 6000 receiver, is a game changer in the pursuit of precision guidance systems. With 3cm accuracy repeatable in season, without the use of a fixed base station network, this is the perfect solution for customers whom don't fall under the Emmetts RTK network, or for those contractors who work outside of these areas.



The John Deere StarFire 6000 Receiver is an enhanced replacement for the StarFire 3000 Receiver and expands on the value that precision agriculture producers have come to expect from StarFire products. The StarFire 6000 Receiver implements an improved antenna, the latest in Global Navigation Satellite System (GNSS) signal processing technology, and a new differential correction signal. All of this new technology adds up to improved performance and uptime as well as lower cost of operation when paired with precision agriculture systems such as AutoTrac™ assisted steering system and John Deere Section Control.

The StarFire 6000 Receiver provides the following benefits to producers:

Choice of SF1, SF3, or RTK differential correction signal to match performance and uptime with the needs of an operation.

Improved performance with the new SF3 signal

- +/- 3-cm (1.2-in.) pass-to-pass accuracy
- <30 minute pull-in time
- +/- 3-cm (1.2-in.) in-season repeatability

Improved uptime

- Faster rapid recovery after shading events
- Simultaneous tracking of up to three StarFire signals with 14 days of RTK Extend™ system
- 3-minute reprogramming via USB
- Optional locking bracket attachment to secure the user's investment

Looking at trading in your iTC or 3000 receiver?
We want them!

Guaranteed Trade In on all working receivers

iTC \$1,000.00 incl GST*

SF3000 \$2,200.00 incl GST*

* Conditions Apply

Current iTC and SF3000 activations can be upgraded and transferred for use on the SF6000 receiver.

For further information please contact the Emmetts Precision Ag Solutions Team, 1800 366 388

GoldAcres - Australia's own

Since 1978 Goldacres has been regarded as Australia's most innovative sprayer manufacturer

From its inception nearly four decades ago, Goldacres has prospered by constantly reinventing its products and business practices in this fast changing landscape, that's modern farming. Our philosophy is simple.

"To put farmers in the driver's seat of best fit technology to make them outstanding in their field"

We are driven by four core values; innovation, uncompromising quality, adaptability and lastly, being courageous. These four values have led Goldacres on a journey to where we are today, offering customer based spraying solutions that take them forward with complete confidence.

Our sprayers are proudly built right here in Australia by a team of dedicated staff, turning ideas into reality and delivering sprayers which are truly **"Australia's world class sprayers"**.

The company started in central Victoria in the county town of St Arnaud when the founder John Richards saw a growing need for spray equipment arising.

John managed to obtain some good suppliers sourcing parts locally and

from around the world to cobble together what is believed to be one of the first Australian spray rigs.

Early sprayers were very basic in today's standards, with trailing sprayers consisting of 1000L tank and 10 meter booms with very simple sprayer controls.

A dealer network soon followed and the spray business started to become a household name throughout the Wimmera and Mallee where the spray units were widely accepted.

Goldacres ability to manufacture spray machinery to suit Australian agriculture has seen the business constantly evolve to suit the needs of our

customers and provide efficient, quality machinery to suit the Australian landscape.

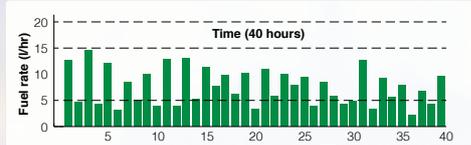
In the late 90's Goldacres produced its first self-propelled sprayer and subsequently outgrew the St Arnaud manufacturing plant. The Ballarat manufacturing plant was built in the early 2000's and is now the head office for Goldacres and home of the large trailing sprayers and a full line up of self-propelled sprayers. The St Arnaud plant now producing some of Australia's finest 3pl, tray mount and trailing sprayers with up to 2500L capacity.

The evolution continues today with Goldacres currently producing the most comprehensive sprayer range available in Australia and employing around 160 staff throughout the two sites.

The sprayers of today bear little resemblance to the spray rigs of the seventies with larger tank capacities and wider boom requirements. The addition of self-propelled units to the range now makes up around 50% of sprayers sold, but one thing has remained constant – Goldacres ability to produce world class spray equipment to suit Australian farming practices.



Goldacres Crop Cruiser range, it all adds up



Focused on efficiency
The G6 Crop Cruiser has an average combined fuel usage of just 11.8L per hour.

↓ 11.8 l/h

Lowest cabin noise in its Class
Industry leading Claas cabin, lower engine rpm & rear mounted exhaust cuts down cabin noise to as low as

↓ 68.5* DB
*G8 Super Cruiser

Mechanical drive
Lower engine rpm* significantly reduces fuel consumption and delivers more torque at the wheels.

↓ 1600 RPM
*Average engine RPM G6 Crop Cruiser over 40 hours

TriTech - 3 way suspended boom
Its stability performance is almost unmatched on all areas of our test track.
- Kondinin Group 2017

↑ No 1
*42m TriTech boom



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Ready. Spray. Done.

With Emmetts and John Deere a bright new future in sprayer performance is dawning.



Sprayers
Currently
in Stock!
Contact Emmetts
Now!

Superior stream stability.

John Deere Straight Stream Ceramic (STC) Nozzle:
Get six separate streams to evenly fertilise your crops and minimise foliage contact.

Our STC nozzle is the optimised solution for applying fertiliser onto solid seeded crops, including those with timed nutrient needs. Its ceramic metering orifice and low-pressure distribution channel keep streams stable, reducing atomisation and preventing leaf burn.



Talk to us today about how John Deere nozzles can enhance your sprayer's efficiency.



John Deere Tractors. The Perfect Line Up.

7
SERIES



7R

- CommandView™ III Cab w/ Suspension
- Triple Link Suspension
- CommandQuad™, e23 Powershift™ & IVT Transmission Options
- 210-310 Horsepower

8
SERIES



8R

- CommandView™ III Cab w/ Suspension
- Independent Link Suspension
- 16sp Powershift™, e23 Powershift™ & IVT Transmission Options
- 245-370 Horsepower

9
SERIES



9R

- CommandView™ III Cab
- e18 Powershift™ Transmission w/ Efficiency Manager
- HydraCushion Suspension
- 370-620 Horsepower



Life in the **fast lane.**

Express™ Nozzle Body End Caps: Built to support today's precision agriculture practices.

Express Nozzle Body End Caps reduce nozzle turn off/on by as much as 85 percent and quicken the reaction times of standard nozzle bodies to GPS boom shutoff control signals.

Other features:

- Turn off spray quickly and decisively on overlaps, at the ends of rows and in boundary areas
- Eliminate chemical residue and build-up for better boom hygiene
- Purge trapped air that causes loss of costly chemicals
- Removable end-plug option allows easy access for boom cleanout
- Currently available for 2.5 cm (1 in.) Nominal Pipe Size (NPS)



Talk to us today about how John Deere nozzles can enhance your sprayer's efficiency.



The Smiling Faces of the Roseworthy Service Department

Walking around the service department in Roseworthy, there are smiling faces, new apprentices, and good news stories of happy customers. There are multiple reasons for the good vibes coming from the service department.

The first is a list of broadacre customers who had their harvesters serviced prior to harvest season commencement last year. When contacted after the season, every one of these customers reported that they had no serious breakdowns or unexpected issues with their machines during harvest. The 2016 harvest had heavy crops and multiple weather breaks, which meant that when crops could be harvested, there was no time or patience for breakdowns. It was a testament to the existing customers that a pre-season inspection was good value and worth the investment.

Workshop flow

The second reason for the smiling faces is the smooth flow of machines through the workshop. With David Stutley and Scott Wendland working in partnership as the new Service Managers, they have the place running like a fine-tuned John Deere engine. Both started at Emmetts at the same time in November 2016.

David's background in diesel mechanics, farming and grain trading and maintenance planning, means that he brings varied experience and a strong set of transferrable skills to the service department. David completed his Diesel Apprenticeship with a Case Dealership early in his career, followed by time spent as a Broadacre farmer, and a grain trader, later worked in Western Australia with BHP, as a maintenance planner.

Scott is from the area having grown up in Two Wells, and now lives in Angle Vale. He started his career with Neil's Parts, where he worked for 12 years, followed by ten years in Harvest and Tillage as Sales Manager and three years as Branch Manager. Scott brings strong pragmatic experience in mechanics and agriculture, along with his experience in sales, management, and leadership to the Service team.

David and Scott have already kicked goals in improving workflow efficiencies and process planning within the Service Department.

Communication with the customers

Scott and David are both prioritising outstanding and best practice communication processes with the customers. Areas being targeted include delivering clear and timely information regarding service timeframes to all parties, clear explanations for part and labour costs and decision-making rationales are provided to customers regarding mechanical concerns. Service team follow-up will be a mandatory component of the communication strategy. It is commonly known that dissatisfaction with service often stems from a lack of communication, and as such, this is of paramount importance to the Roseworthy Service Department.

There is a new Service Department protocol that has been implemented, entailing every customer's service history being collected and collated, and a Technician assigned to each customer. This will allow for a consistent point of contact, and ensure accountability and follow-up is provided to each and every customer.

Scott and David are empowering the Technicians to make decisions and manage their own group of customers. This allows for each Technician to hold a solid understanding of their customer's business, their machinery and historical service issues, and work with customers on their current and future needs. The Service Managers have also been personally contacting the list of Emmetts Roseworthy customers, introducing themselves and providing a further point of contact and communication flow.

Harvester Training for the Technicians

During the 2016 harvest, each of the Roseworthy Technicians were sent to the Victorian branches to work alongside other Technicians to build their knowledge and experience in harvester service. The Technicians have really enjoyed this additional training, and to learn from their peers in Victoria, with Horsham, Rupanyup and Warracknabeal being nearly 100% broadacre.

More Technicians on Staff

Since Emmetts acquired RMGH in October 2015, an additional six Technicians have been employed within the workshop. In total there are now 11 technicians and three apprentices, a detailer and a yard foreman (yet to be announced).

We have had some bright new and enthusiastic faces join the team as apprentices.

2017 is shaping up to be an exciting, efficient and strong year for Emmetts Roseworthy.





Apprentices from left: Alex Hage, Lee Kessner, Connor Buckby.



From left: Scott Wendland, Lee Kessner and David Stutley.

Five reasons why financing farm equipment is better than using your own cash

Article submitted by Express Fund

Running your own farming enterprise has many rewards, but the financial costs associated with purchasing and maintaining the diversity of equipment you need, can be overwhelming.

Farmers face unique challenges such as seasonal income variations, labour issues, the weather, and the unpredictable nature of agricultural markets. All these impact on your ability to run a profitable and productive business. Cash flow management is a particular challenge, which is why financing new equipment offers significant benefits.

Here's the five top reasons why farmers look to equipment finance when purchasing new and used equipment:

1. Manage risk by not diverting working capital to purchase assets
2. Allow for regular upgrading of equipment to ensure the most up-to-date technology
3. Reduce your tax bill
4. Customise your payments to match seasonal cash flow
5. Hold onto your cash for other purposes and provide a buffer in your business

Making the decision to use equipment finance is a process that is familiar to John, a small holding farmer from northwest Victoria. John had recently branched out from his family's farm and taken over from his father. Farming was second nature to John and he felt confident he could scale up the enterprise - he had the energy and enthusiasm; but he was unsure what his finance options were. There was so much to sort out and he wasn't sure where to start.

John was seeking to install solar panels and purchase a second-hand tractor. All up he was looking at over \$80,000 in equipment and a bank loan for that amount. For the average 25-year-old with no financial history, this is almost impossible to obtain.

After speaking with Rob Emmett from Express Fund, John was quickly able to sort out his requirements. The 12 month rent-to-buy option was a good solution for his second-hand tractor purchase and solar panels, as this option allowed for second hand equipment of any age with no limitations. This was perfect for John as it meant he had the option to purchase the tractor outright after 12 months, as well as pay off the solar panels with no residual. He also had the

option down the track to swap to a longer term ownership model, where he could gain a 30% discount on his weekly rental and purchase the equipment outright.

The experience of dealing with Express Fund was a lot easier than dealing with traditional banks as the flexible lending options gave John peace of mind - as he was minimising the risk to his new enterprise. All it took was a phone call and a simple online application and the finance approval happened very quickly.

Getting the right advice

If all of this seems a little daunting, then it is a good idea to speak with an equipment finance specialist who can review your circumstances and provide you with advice on the best option. At Express Fund, our application process is easy and obligation free. You start by completing a few details about yourself, the equipment you are interested in, and within 24 hours, with a pre-approval. Alternatively, await contact if you'd like to speak with one of our finance equipment specialists, feel free to contact us on 1800 265 546 or finance@expressfund.com.au, where we can complete the preliminary application for you over the phone.



Express Fund Equipment Finance

- Prompt approvals
- 12 months rent-to-buy
- Tax deductible
- Payments matched to seasonal cash flow

No fuss equipment finance solutions

NEW AND USED EQUIPMENT - NO AGE RESTRICTIONS

Keep up with the latest technology and grow your business with equipment finance from Express Fund. Finance available on all types of equipment - new and second hand. Contact us today for a no obligation quote and pre-approval.



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Emmetts Sponsors a Range of Sporting Clubs and Community Groups

All the best in the upcoming Football and Netball Season!

Beneficiaries of the Emmetts Sponsorship include:

Paskeville Football Club
 Paskeville Netball Club
 Paskeville Basketball Club
 Paskeville Bowling Club
 Kadina Netball Club
 Kadina Football Club
 Kadina Golf Club
 Border Districts Football Club
 Border Districts Netball Club
 Bute Football Club
 Bute Netball Club
 Bute Basketball Club
 Bute Bowling Club
 Bute Golf Club
 Bute Golf Club Farmers Day
 Pt Broughton Bowling Club
 Broughton / Mundooro FC
 Wallaroo Football Club
 Wallaroo Pistol Club
 Hummocks Watchman Football Club
 Blyth Snowtown Football Club
 Moonta Football Club
 Kalkee Football – Under 14s
 Laharum Football and Netball
 Murtoa Golf Club
 Dimboola Ski Club
 Parndana Golf Club
 Parndana Show Society
 Parndana Sports Club
 Agriculture Kangaroo Island
 Stokes Bay Community Hall
 Parndana Bowling Club

Pinnaroo Football/Netball Club
 Lameroo Football & Netball Club
 Walpeup Football Club
 Murrayville Football Club
 Pinnaroo Cricket Club
 Pinnaroo Golf Club
 Lameroo Country Music Festival
 Pinnaroo District Darts Association
 Parilla Tennis Club
 Pinnaroo Bowls Club
 Browns Well Football Club
 Waikerie Football Club
 Rovers Junior Footy
 Paringa Netball – under 21's
 Ramco Roosters Football Club
 Renmark Tennis Club
 Renmark Olympic Soccer Club
 Loxton Football Clubs
 Renmark Bowling Club
 Renmark Rocks ON
 Loxton North Netball
 Loxton North Football
 Loxton High School Council
 Loxton Tennis Club
 Murtoa Racing Club
 Rupanyup Football Netball Club
 Minyup-Mutoa Football
 Rupanyup Bowls Club
 Murtoa Big Weekend
 Rupanyup Golf Club
 Donald Football Club
 Charlton Football Club

Rupanyup A&P Society (wood chopping)
 Donald Show
 Dunmunkle Health Services
 Rupanyup Barley Banquet
 Stawell Turf Club
 Cuisine in the Crop (Donald)
 Lake Boga Sports Club Football
 Lake Boga Sports Club Netball
 Lalbert Football Netball Club
 Manangatang Cricket Club
 Manangatang Races
 Moulamein Football Club
 Murray Downs Angling Club
 Nyah Nyah West United Football Club
 Quambatook Football Club
 Quambatook Tractor Pull
 Quarter Horse Club
 Swan Hill Kart Club
 Swan Hill Racecourse Bowls Club
 Swan Hill Racecourse Bowls Club
 Swan Hill RSL Cricket Club
 Swan Hill A & P Society Show
 Tooleybuc/Manangatang Football Netball Club
 Tooleybuc/Manangatang Cricket Club
 Tyntynder Football Club Gold Acres Night Series
 Ultima Football Netball Club
 Wakool Golden Hawks Sheep Dog Trials
 Woorinen Football Club Field Days
 Wycheproof Show

Apologies to any clubs or groups that have been missed or not listed.



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CPTX3500SJD



TX4500S UHF CB Radio Ag Pack

Contains TX4500S + 2 Antennae + Adaptor
CPTX4500SJD



TX4500S UHF Radio

DIN Size UHF CB TX4500S Radio with ScanSuite
CPTX4500S



TX3100 UHF CB Radio Starter Kit

Contains TX3100 + Antenna Kit + Mount
CPTX3100VP



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CPRC900BT



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CPXRS370C

Staff Profiles

Steve Reljich

Ag. Sales Consultant, Roseworthy Branch

I started at Emmetts Roseworthy branch in early January this year and am finding that I really enjoy the work. I grew up on a broad acre farm at Watchman near Balaklava and have always worked in the agriculture industry. I now live in Clare with my wife and two kids and enjoy getting out on my dirt bike on weekends.



The great part about my job is, I am able to be out and about and meet lots of different people and witness the many different ways they go about farming.

Damien Ricketts

Ag. Sales Consultant, Horsham Branch

Damien has been with Emmett's since January 2017, where he worked as Parts Interpreter. Damien has a vast amount of experience in customer service and agriculture machinery with a variety of different product lines. The position at Emmett's interested Damien as "John Deere is a strong reliable product worldwide. The people at Emmett's are great people to work with, and the companies commitment to training and product knowledge is fantastic. The growth that Emmett's is currently going through with the expansion of more branches shows that they are a growing company."



Damien believes customer service is number one, and is very pleased to move into whole good sales.

Will Slee

Parts Interpreter, Renmark

I did an apprenticeship in spare parts and worked in agriculture here in the Riverland then moved into European cars/4wds in Adelaide for a few years. I then moved back to the Riverland and changed career paths into Photography and worked for the local paper for 5 years before going back into spare parts at Emmetts ten months ago.



I enjoy helping people and problem solving which is one of the great things about working in parts. Everyday is different and there are many challenges to overcome. My wife's family own and operate a farm property in the Clare Valley so it is great to head to the farm on weekends to get a first hand look at how important the farm machinery is and the importance of the spare parts role. I feel lucky to be able to see the process from ordering a part to seeing it fitted and used in the field.

Anton Elliott

Group Service Manager

Anton has been with Emmetts since 2002 with a background as a mechanic, he is now Group Service Manager across the ten branches. Originally from Adelaide Anton and his family now live in Swan Hill. What Anton enjoys most about his job are the everyday challenges, and problem solving needed to keep the service departments running smoothly. Watching the staff develop their technical skills and grow their confidence is also a part of his job that he enjoys. Anton oversees 90 staff including approximately 20 apprentices across the group.



Alison Leishman

Assistant Financial Controller

Alison has been with Emmetts for just over 5 years. Prior to Emmetts she was with Hollands Transport as a Finance Manager. Growing up in Edenhope she loves the Wimmera, coming back after leaving for her education. She enjoys the problem solving associated with accounting, and ensuring everything is balanced and accounted for. A large portion of Alison's position is to manage the companies sales and the orders going through to the various manufacturers that Emmetts represents on a retail level. The daily interaction with Emmetts staff who are a great team of people to work with.



Michelle Christopher

Accounts – Head Office

Michelle has been with Emmetts for five years. Prior to her position with Emmetts she worked as Practice Manager for the Horsham Veterinary Hospital for 12.5 years. Michelle manages the cashbook, debtors and group travel. She really enjoys working with the people at Emmetts, and dealing with all of the staff across the ten branches.



Jill Murphy

Service Administration, Renmark

I started with the Renmark branch in 2014. Previously working in the automotive, has been an advantage with the transition into the Agricultural industry. I enjoy working at the Renmark branch, as all the staff and departments get along well and support each other to ensure we are able to give our customers the best possible service.



Steve King

Group Human Resource Manager

Steve started in the newly created role of Group Human Resource Manager in September 2016. He moved to Horsham from Mt. Gambier, but still finds himself spending plenty of time in South Australia. Over the last six months Steve has thoroughly enjoyed travelling around the branches, meeting everyone, and learning about what the business does. He has met a lot of capable and passionate people at Emmetts, who have been very engaged in the process of providing feedback and suggestions to him on a range of things from business processes to training, OH&S and internal communication. Steve approaches each day with a drive to support people and their performance, through empowerment, communication and training mechanisms where needed. The focus for the next 12 months will be to staff the technical roles through adding apprentices and trainees. Technical staff is of paramount importance to customer satisfaction and the growth of the business.



Tracy Schutz

Training Co-ordinator

I have worked at the Pinnaroo branch since 1999. Working in the Ag industry is never dull and it has been exciting to see the advances in machinery and precision Ag technology and the changes in farming practices as our older customers now start passing the baton to the next generation. Over the past 18 years I have experienced a variety of roles through most departments in the business. which has given me a good background for my current role as Training Co-ordinator.



Scott Richardson

Sales Manager, Kadina

I am 40 years young and live on my farm 30km North of Kadina where I farmed for 20 years running JD machinery. I am married to my better half Katie with 11 year old twins and a 4 year old as well.



In 2014 I worked for the local New Holland dealership at Kadina I started working for Emmetts on 11/04/17 as this is my preferred colour.

I enjoy meeting new people every day and working within a team. I also enjoy seeing new machinery/AMS technology helping improve the ag industry every day.



JOHN DEERE

7
SERIES

8
SERIES

9
SERIES



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