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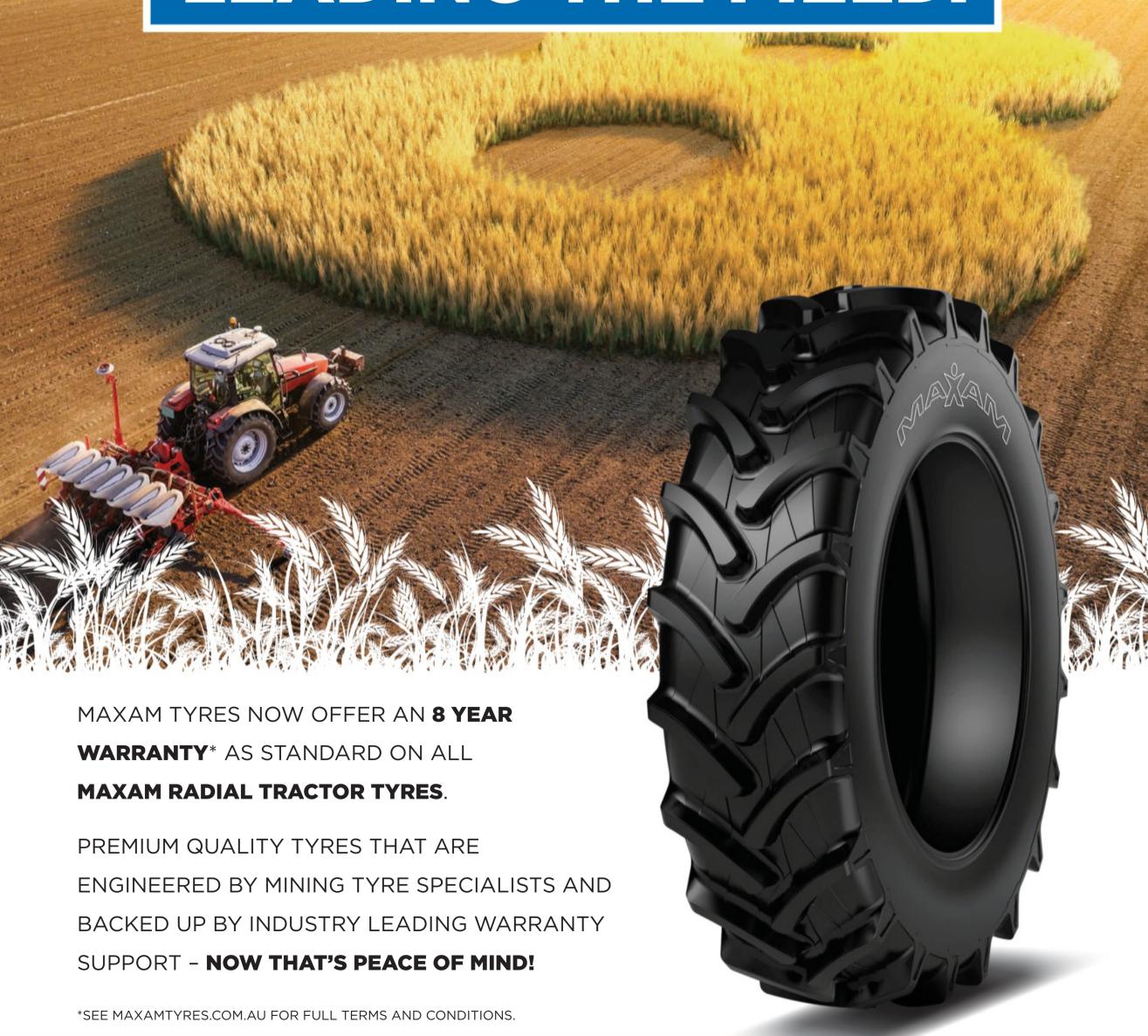


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WHEN IT COMES TO OFFERING COMPLETE PEACE OF MIND

MAXAM TYRES ARE LEADING THE FIELD.







On the cover

Reliable and simple to operate, it's no mystery 14 why the Strautmann range of feed mixers, distributed in Australia by Inlon, were the first choice for one Victorian beefgrower

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News

LOADER WAGON

Due to arrive Down Under next year, the Pöttinger Jumbo 8000 loader wagon offers efficiencies through a shorter forage chop

Much chop

The six models in Pöttinger's new Jumbo 8000 loader wagon series can chop forage almost 30 per cent shorter than their previous generation model, the company says.

The company's new short chop system offers a new theoretical chopped length of 25mm - an improvement on the previous 34mm - while only requiring 15 per cent more power.

Pöttinger says shorter chopped forage can be compacted better in grass silage, making for a faster decrease in pH value that improves stability and reduces the risk of fermentation failure.

The shorter chopped length also creates a loading density that is 10 per cent higher than the 34mm model, creating new cost efficiency as less machinery and operator time is needed to distribute and compact the silage material.

Pöttinger says the loader wagon can now deliver higher throughput rates than a self-propelled forage harvester, saying the unit is protected to a torque of 3,500 Newton metres.

The new wagon is equipped with 65 knives spaced 25mm apart – each of which are individually protected and can simply move out of the way of foreign objects.



The automatic loading system now features an additional optional sensor on the rotor scraper carrier, which means that up to four sensors (torque on the rotor, hydraulic pressures, material loading, etc.) are used to optimise the loading process.

"The new sensor system detects the pre-compaction of the forage directly above the rotor and activates the scraper floor before any mechanical damage can occur," Pöttinger says.

"As a result, the Jumbo 8000 can always make optimum use of the space inside the loading chamber, regardless of the type of crop."

The AutoCut automatic knife sharpening system can also be used, with Pöttinger saying its guarantee of sharp knives means both power needs and fuel consumption can be reduced by up to 20 per cent.

Pöttinger Australia has confirmed the units will arrive in Australia some time in 2023.

Forage is cut almost 30 per cent shorter



McIntosh & Son, which represents CNH Industrial brands, will strengthen its involvement with Case IH and New Holland through the acquisitions.

Purcher International, located in Geraldton in the state's Mid-West, will have its 55-year family legacy honoured by the continuation of the Purcher trading name at its correct location.

Parts and service for Case IH products and other franchises will continue at the existing 99 Flores Road location, while McIntosh & Son's Geraldton dealership will also continue at 160 Flores Road.

Both dealerships will retain their current teams, led by McIntosh & Son's Geraldton, Merredin, Moora and Wongan Hills general manager Anthony Ryan.

Steve and Paula Purcher will support the business during the transition, with Steve holding a mentoring role for the next year. "Our journey has been a lot of hard work and fun throughout the years," he says.

"I believe people have enjoyed knowing that, as a family-run business, the buck stopped with [my father] Roy and then myself, which was a great compliment.

"For more than half a century, my family has built this business by understanding the importance of supporting great products with great customer service.

"Family values have been the heart of our business from the beginning, and we are pleased to be passing the baton on to another proud Western Australian family-owned business with the same values at its core."

In the case of Staines Esperance, located on the state's south coast, McIntosh & Son will rebrand the building and add New Holland, Morris and K-Line franchises to its offering.

"We have really enjoyed serving the growers of Esperance over the last 27 years but it takes the resources of a larger



The McIntosh team at Staines Esperance

dealer group to meet the changing demands of agriculture," Neil Staines says.

McIntosh & Son already has four dealerships serving that broader region, and a blend of existing McIntosh & Son plus Staines Esperance staff will operate the new dealership team.

"While the announcement in Esperance is new, the product knowledge and support systems for New Holland, Morris, and K-Line are well-established in our group, so this feels like a natural progression," McIntosh & Son Albany, Esperance, Katanning and Kulin general manager Devon Gilmour says. McIntosh Group CEO David Capper says he is excited to be

growing the company's offering through regional WA. "CNH Industrial has been our core business partner for some time," he says.

"We are excited to be taking on our first Case IH dealership and we thank CNH Industrial for trusting us with both of their

core franchises in the Mid West.

"I would like to thank both the Staines and Purcher families for their trust in us - we are grateful they have chosen us to

continue their legacies."

The Staines acquisition became effective on August 1, while the Purcher wrapped up on September 1.



HARVESTER

Power boost

Claas unveils a series of upgrades to 2023 Lexion harvester models

The Claas Lexion 8000 and 7000 harvesters arriving in Australia next year will boast a greater tank volume, improved operator assistance systems and a brand-new cab.

That's in addition to a more powerful engine in the top-ofthe-line Lexion 8800 model, which now boasts a 16.2-litre MAN D42 six-cylinder engine that produces a maximum output of 700 horsepower (522kW).

The 8700, 7700 and 7600 models retain the proven 12.5L six-cylinder Perkins 2206 D engine that delivers 571hp (426kW), 524hp (391kW) or 461hp (344kW), respectively.

Claas Harvest Centre product manager for the Lexion Steve Reeves says all the new engines come equipped with both Claas's on-demand variable-drive Dynamic Cooling system and the Dynamic Power engine management system that adjusts power for better fuel efficiency.

"This system has been proven to deliver fuel savings of up to 10 per cent," Reeves says.

Grain bins with a capacity of either 15,000 or 18,000 litres are available on the 8000 Terra Trac models, while the 7000

The new forage harvester range features Deere's HarvestMotion Plus feature

Terra Trac models can be fitted with 12,500 or 13,500 litre

"The 420 and 330mm diameter unloading augers can be fitted with a pivoting spout that allows precise control of the grain stream by up to 60cm," Reeves adds.

"The spout can be operated via the CMotion multifunction control lever in the cabin."

In the cab, the 2023 delivery machines will have larger front and side windows, thinner A-pillars and a cantilevered mirror design that delivers a premium view of the header.

A new 360-degree wiper ensures a wide field of vision ahead in wet or dusty harvesting conditions, while a 30L cooler, multimedia package, swivelling leather seat, footrests and 360-degree LED lighting are included.

Information is displayed on Claas's new 12-inch (30cm) Cebis terminal, featuring a high-resolution display.



John Deere launched the 9500 self-propelled forage harvester (SPFH) in Australia in August, coinciding with the 50th anniversary of the manufacturer's 9000 Series.

The 9500's addition forms part of a redefined line-up that also features the reintroduction of the 9600 and new horsepower levels and engine for the 9700.

Deere has also increased the horsepower of the 8200 via an engine upgrade.

"Farmers and contractors demand durable high-capacity forage harvesters that consistently deliver maximum throughput to make the most of peak harvest windows," Deere's Australian production system manager Stephanie Gersekowski says.

"The new 9500 is one of three models offering increased power and throughput in 2023, delivered through John Deere's new JD18X engine which reduces revolutions per minute [RPM], while decreasing fuel and oil usage to drive further efficiency gains during operation."

The new 9500 - plus the 9600 and 9700 - are fitted with the manufacturer's HarvestMotion Plus, a feature that Deere says synchronises engine speed with crop flow and power needs to maintain consistent crop throughput

Gersekowski says this will deliver 10 per cent more

The new forage harvester range features Deere's HarvestMotion Plus feature that helps maintain a consistent crop throughput

productivity and 10 per cent less fuel usage per tonne harvested.

Other additions across the 9000 Series include redefined model fronts and a new spout design.

"The spout has a longer, optimised contour to create increased visibility and more service openings, making the machine easier to service to help farmers and contractors maximise their machinery uptime," Gersekowski says.

The range is also designed to have the latest in John Deere's technology available.

"HarvestLab 3000 and precision guidance technology Autotrac, all seamlessly integrate with John Deere's forage harvesters," Gersekowski says.

"In July last year, John Deere made the digital ecosystem more accessible to Australian farmers by removing all ongoing costs for JDLink.

"We are seeing, now, more than ever, Australian farmers using this tool for the collection of agronomic and machine data to power efficient, profitable and environmentally sustainable improvements for their business."



The M version offers four working widths

PLOUGH

Shining **bright**

Suitable for tractors from 70-130 horsepower, the new Juwel 6 mounted reversible plough will be available next year

Set to launch next year, the lightweight Juwel 6 mounted reversible plough from Lemken will provide new options for smaller tractors.

The new plough will replace Lemken's EurOpal and VariOpal 5 and 6 ranges, which for 25 years have been trusted companions for farmers who value good work results and durability.

Lemken says the Juwel 6 is the "little brother" of its Juwel 7, 8 and 10 ploughs - adding that a 110mm frame box section and an underframe clearance of 80cm is available in versions with three to five furrows.

The M version offers four different working widths per body, which can be adjusted mechanically.

The Juwel 6 M V features an infinitely variable hydraulic working width adjustment and hydraulic frame swivelling is available as an optional extra.

When combined with the iQblue Connect electronics kit, the implement can be easily transformed into a smart plough with ISOBUS control and connected to a farm management system.

The basic equipment includes the tried-and-tested Dural bodies. Made from specially hardened steel, DuraMaxx bodies are also available and meet maximum requirements in terms of durability.

Mechanical non-stop overload protection is recommended for stony soils. As with all Lemken mounted reversible ploughs, the Optiquick adjustment system for side draught-free work is already on board.

All Lemken mounted ploughs are equipped with the new pendulum wheel, the height of which can be adjusted without tools via a series of holes.

For material protection and greater working comfort, hydraulic suspension is also fitted to the depth wheel. A simple conversion kit is available if you want to upgrade to a Uni wheel for road transport.

The Juwel 6 is suitable for tractors from 70 to 130 horsepower (70 to 97kW) and will be available from specialist agricultural machinery dealers from March 2023. mm



All Lemken ploughs are equipped with a new pendulum wheel



Adding the latest technology to New Holland's T7 HD tractor, along with a redesigned cabin, is further enhancing its popularity, the manufacturer says.

New Holland's Precision Land Management Intelligence (PLMi) platform has been added to the tractor, which is ultimately designed to improve productivity and reliability.

Shown to the public for the first time at AgQuip, the T7 315HD model on display features "every bell and whistle", according to New Holland's mixed farming and livestock product segment manager Ben Mitchell.

A major aspect of New Holland's PLMi is the IntelliView 12 display and SideWinder Ultra armrest, which is fully configurable and is designed to offer comfort and logical control placement.

Mitchell says the IntelliView 12 display also allows for easy connectivity between the tractor and dealer to keep the tractor running at its best.

"That technology with the PLMi is about connectivity, so we can actually send software updates from the service manager's laptop at a dealership over the airwaves to your tractor while it's out working in the field," he says.



New Holland's T7 315HD model includes its PLMi platform for increased productivity

"You can also get notifications of warnings or things like that sent back to the dealership so they can pre-empt it, which is all about keeping you working longer."

In addition to the PLMi, Mitchell says significant improvements to the cabin have been made to increase operator comfort.

"This tractor has got a whole new cab as well - the Horizon Ultra cab - so now it's a bigger cab, increased door width by 33 per cent and now it's only 66 decibels," he says.

"The sound deadening is increased and so the volume has dropped, visibility is increased, comfort increased.

"We've got 24LED lights, so now the lighting power is 45,000-plus lumens.

"It's all about working longer and productivity - they are the two key things."

The T7 315HD PLMi is packed with power, offering 313hp (230kW) maximum horsepower, while the other model in the range - the T7 290HD PLMi has 290hp (212kW).

Mechanically, the T7 HD PLMi carries on from the T7 HD, Mitchell says, but the technological and cabin changes are designed to make it even more desirable.

He says the early feedback on the unit displayed at AgQuip has been positive.

"We've actually had this tractor in the country for a little while doing some testing and validation," he says.

"Certainly a few people have been keen to come and look at it, and there have been a few people who actually pre-ordered it who have come to look, too."

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Case IH Farmlift 742 telehandler

TELEHANDLER

Lifting the bar

Machinery giant Case IH now has another product to offer Australian customers after introducing its first ever telehandler

Case IH has announced its first foray into telehandlers for the Australian market by launching the Farmlift 742 at AgQuip.

The telehandler can lift 4,200kg at up to 7m, with rated power of 129 horsepower (96kW) at 2,200rpm and a maximum travel speed of 40km/h.

Case IH's Australia and New Zealand hay and harvest product manager Andrew Wood says the Farmlift is designed to fill a gap in the manufacturer's offering.

"I think there's always been a gap in the product line in regards to a machine that's capable of lifting a considerable weight and stacking it at a considerable height," he says.

"Loaders on tractors are great, but they're a compromise. They obviously don't have the height or reach that these machines do, nor did they have the lift capacity in regards to weight.

"We've got a lot of farmers that are obviously moving large square bales and cotton bales, and we felt there was a need to supply a machine in our line-up that met those needs.

"From a service perspective, it means customers have got one service contact. A lot of the fluids in the machine is the same as their tractors and their sprayers, so it's just trying to simplify what we offer to our customers in the marketplace."

Wood says the manufacturer's priority with the Farmlift 742 was to provide as many features as possible as standard.

These standard features include two and four-wheel steering, crab steering, fourth and fifth hydraulic functions, soft ride control, boom dust control and what Wood describes as "the largest flotation tyres that are available".

Another area where Wood believes the Farmlift 742 excels is in its ground clearance.

"My experience with telehandlers in the past has generally been that the bugbear was ground clearance," he says.

"This machine has excellent ground clearance and it's very clean underneath.

"The other big issue that I always found with telehandlers in the past was access around the engine bay. It was very difficult, particularly for technicians, and even just to clean them out.

"From a day-to-day usage perspective in regards to maintenance, it's really good."

Wood says the decision to introduce a telehandler for the Australian market was also based on customer feedback over the years.

Early feedback on the machine, which made its debut at AgQuip in Gunnedah, has been "overwhelming" with Wood saying several attendees were "genuinely interested in buying one" based on the show's first day alone.

"The other thing that everyone seems to be commenting on is just how simply and cleanly the switch gear and the controls in the cab are laid out.

"It's nice, simple and logical and makes it very easy to use.

"This machine is laid out probably as good as I've ever seen on a telehandler."

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Australian customers had their first look at the newlylaunched Case IH Patriot 50 series sprayer range during AgQuip.

The largest and most popular model in the range - the Patriot 4450 - was a standout attraction just a couple of weeks after being launched to Australian dealers at the manufacturer's dealer conference on the Gold Coast.

A sign of Case IH's commitment to the sprayers was the presence of Patriot global product manager Brent Bast, who was influential in the new range's development and who travelled to AgQuip from the United States.

The manufacturer's local Patriot sprayer product manager Jason Wood says 82 per cent of the redesigned Patriot is new compared to its predecessor, including "basically everything from the chassis down".

He says three major areas were a focus for Case IH with the new Patriot range, all of which were based on customer feedback.

"Customers wanted a better ride," Wood says.

"The ride on the Patriot was good, but the ride in this machine is far better than anything we've had before.

"Our suspension is all new, it rides particularly well, and feedback from customers that have tested it in the US is you can spray on average two to three kilometres an hour faster because the ride is that much better and the boom just stays stable.

Patriot sprayers have had a major redesign

"The other one that they didn't want us to change, which is unique to a Patriot, is the rear engine, middle tank, front cab design.

"It keeps our weight split 50-50 when the tank's half-full, so they said do not change that because that's another big advantage that we've got.

"The other thing with that is it's just so quiet in the cab with the engine at the tail, so it's really nice.

"The cabin hadn't been updated for a long time, so that was the other one. It's basically had a major upgrade in the cab."

Wood says there are also other areas Case IH has looked at to further enhance what the Patriot can offer.

"The other thing that we can offer from factory now is direct injection, which we haven't been able to do before," he says.

"The boom height control on these machines is probably another unique feature to us. Traditionally, your boom height sensors are on the boom, and then they're not far in front of the boom, so by the time it sees an obstacle it's got very little time to react to lift and go up and down.

"We've actually mounted another sensor on the chassis at the front, so basically we detect chassis flex to give the boom a lot more of a heads up to react."

The 4450 is the largest of Case IH's three Patriot sprayer models, alongside the 3250 and 4350.

It features a six-cylinder 8.7L engine, rated 390 horsepower (291kW) at 2,100rpm, and can reach speeds of 59.5km/h.

It is available with boom widths of 36m or 41m.





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Lemken showcased its feature-packed Azurit 10 precision seeder to the Australian market for the first time at AgQuip.

As well as the proven four, six and eight-row variants with spacings of 70-80cm that were available on the previous Azurit 9 model, the Azurit 10 is available with six or 12-row spacings of 50cm.

Also available is Lemken's DeltaRow concept - a twin row system that plants the seed in a staggered, or triangular, fashion.

Lemken Australia area sales manager Craig Hopkins says this one change to planting technique makes a major difference to a farmer's ability to use their land.

"When Lemken introduced a planter, they wanted

to look at what differences we could have to everybody else," he says.

"We don't have a single row of seed, we've got two rows of seeds, so we're using 70 per cent more arable land when we're planting the seeds."

Hopkins says Australian farmers using the Azurit 9, which also offers the DeltaRow concept, have seen up to 14 per cent yield increases on silage.

"We've seen yield increases, because we're using more land," he says.

"Why waste all that land? You're spraying it, you're fertilising it, you're doing everything with it still, so why not use a little bit more of it?

"A forage harvester can still chop it and, even for corn, we can still harvest it with that system."

Another feature that Hopkins says is unique to

•

Lemken's Azurit 10 features the DeltaRow system to use more of the available land

Lemken is seed on demand, which feeds seed into row units from a 600L central delivery hopper.

"You're not filling up individual hoppers all across the machine - there's a sensor that says when more seed is needed, and the auger turns on and fills it up with seed from the central hopper," he says.

Another major change with the Azurit 10 is an expansion in the types of crops it can handle, with soybeans and sunflower seeds now viable options in addition to the previous core market of maize.

Hopkins says future expansion of the Azurit range will involve further widening the types of crops that can be planted.

"There are quite a few other different crops we're looking at," he says.

"We're looking to go into fodder beet in New Zealand with them, and hopefully going to cotton at some stage as well once we get the right spacing sorted out, because there's quite a few different configurations and row spaces.

"The holes are already there in the frame for different row spaces and it's all ISOBUS."

The Azurit 10 on display at AgQuip also had Lemken's Solitair 23 fertiliser hopper on the front linkage.

"It's a 2,300-litre [model] and we're blowing the fertiliser down the side the tractor and into the coulter units," Hopkins says.

"You can either do that with the front tank or you can go with a trailing fertiliser tank of 5,000 litres."

Other highlights of the Azurit 10 include hydraulic down-pressure on the coulter units and easy to change seed drums.





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Mix scarlet

Reliable and simple to operate, it's no mystery why the Strautmann range of feed mixers, distributed in Australia by Inlon, were the first choice for one Victorian beefgrower

For Hopkins River Beef's Sam Maconochie, it is simplicity and reliability that has made Strautmann feed mixers the go-to.

With the Victorian beef producer in expansion mode having bought additional farms, it is a strong endorsement of Strautmann's products that Hopkins River Beef has invested in three of the same feed mixer model - with a fourth Strautmann on the way.

"They're just simple and the functionality is good," Maconochie says.

"Anybody can use them. It doesn't take much training to get staff to learn how to use and operate them. It mixes up a good ration and the local dealers have been good to deal with and competitive on pricing too."

Strautmann's Verti-Mix 2401 has been the feed mixer of choice for Hopkins River Beef, located at Dunkeld in Victoria's central-west, with three of them getting solid use on the company's farms.

A triple auger Verti-Mix 3451 is on order and will grow the Angus cattle breeder's Strautmann mixer presence to four.

Maconochie says it was a deliberate choice to remain loyal to one manufacturer for ease of both servicing and parts, and Strautmann has proven reliable in the "six or seven years" he has run the mixers.

"For us, it was about sticking to the one brand," Maconochie says.

"We also have the advantage of being able to ring up one dealer for service, and they come out and service a tractor and mixer at the same time, so all of that just makes it easy."

Built in Germany and with a robust design to suit Australian conditions, Strautmann's range of feed mixers have capacities between seven and 45 cubic metres and single, twin and triple auger configurations.

Features across the entire range include thick augers, wall and floor steel plates to extend the mixer's life, fast mixing auger and tub design, single axle or leaf spring tandem axle and a choice of electro-hydraulic control or direct connection.

The Verti-Mix 2401 - as used by Hopkins River Beef - measures up at 7.44m long, 2.52m wide and 3.15m high.

It has a 24 cubic metre capacity, 16 knives for cutting



and has a total permitted weight of up to 18 tonnes.

Requiring 120 horsepower (88kW) of power, it can comfortably handle farm and public roads, even when fully loaded.

In terms of the mixing process, the sabre-shaped knives on the auger have two positions - standard or extended for increased cutting action - and there is an additional scraper on the auger for consistent and quicker emptying.

The mixing bowls have two counter knives, which can be manually set or hydraulically operated.

Adjustments made over time have helped to perfect the Strautmann mixers, and it is these touches - including the overall size of the unit which has impressed Maconochie and made them ideal for Hopkins River Beef's needs.

"They've done a lot of work on design and how the feed rotates through in a figure-eight motion," he says.

"That's obviously important to how it slices and dices and evenly mixes the rations.

"Some of the other imported models also have slightly wider tubs, but they're also probably a bit more cumbersome and wider and tricky to get around and manoeuvre.

"The Strautmann is about the same width as the tractor and fits between gates, posts and everything you need." ffm

Strautmann mixers are available through Australian importer and distributor Inlon. The full range can be viewed at www.inlon.ag/924

A

Photographed in Hamilton, this smaller Verti Mix 1651 has a capacity of 16.5 cubic metres



The long conveyor PVC conveyor belt has large horizontal cleats and a scalloped surface to effectively convey grain



The Strautmann Vario2 auger is stepped along the spiral for effective mixing



A preset weight function provides improved loading and unloading



New Holland has widened its market appeal by re-entering the subcompact tractor category with its Boomer 25C

Providing a simple tractor that punches above its weight was the motivation behind New Holland's latest addition to the Australian market.

The 25hp (21kW) Boomer 25C was debuted to the public at AgQuip and slots in as the smallest tractor available for New Holland's Australian customers.

New Holland's interim subcompact product segment manager Ross Aylwin says the Boomer 25C marks a re-entry into the subcompact category for the manufacturer, and expects it to appeal to a range of buyers.

"It's fulfilling a gap in the market that we weren't currently competing in up until now," he says.

"It's the smallest machine we offer but still in a 25 horsepower, three-cylinder 1.3-litre engine capacity.

"The Boomer 25C is a good example of what we call the garden tractor. It's bigger than a lawnmower and it's more capable, but it's not the weight of a

New Holland's Boomer 25C was debuted to the public at AgQuip

tractor, not the horsepower, and not the price of a full tractor.

"It's quite torquey and quite functional, but in a very small package."

Simplicity and ease of use have been at the forefront of New Holland's ambitions with the Boomer 25C.

Measuring 2.63m long and just 2.17m from the ground to the top of the ROPS frame, the Boomer 25C also has a 150cm wheelbase and two-range hydrostatic transmission.

Another standout feature is the ability to have the tractor fitted with factory-supplied attachments.

"We can have our front-end loader, backhoe and a mid-mount mower deck, or any combination of those three," Aylwin says.

The Boomer 25C is designed to be small but mighty, providing a simple and operator-friendly option for its target market.

"It's very simple to operate - hop in, turn the key, press the forward or press the backward pedal." Aylwin says.

"A lot of people are very interested in its capabilities and it's at the right price point for a lot of people's budgets.

"We have people looking at it for a garden tractor while they're looking at buying bigger tractors as well.

"It's filling the small requirement on anyone's property." ffm





LP Series

Introducing the LP8000, 8 meter or 6 meter width Land Plane, twin mast independent for lift precision, dragging capabilities of approximately 5 cubic meters.



DG Series

The DG Series is currently being manufactured in 3.6m or 4.2m width Drag Grader has independent lift for laser precision. Dragging capabilities of approximately 3.5-4.5 cubic meters



Bale Bull Round

The BBR maintains a strong robust design capable of handling the heaviest bales. This machine is capable of carrying two bales and feeds on both sides. It is one of the only machines in the market that is able to feed the toughest of silage bales





HDB Bucket

Cut sizes 3.6m & 4.2m -Rips -Carries

-Cross levels -Laser levels.



Honey Badger

Cut sizes 2.7, 3.0 & 3.2m-Rips -Carries -Cross Levels -Laser Levels.



Bale Bull Square

Features an adjustable moving arm for feed out control and on road transport, capable of carring two bales.



Honey Badger DA

Cut sizes 1.8, 2.1 & 2.4m -Rips -Carries -Cross levels

-Laser levels



Back on track

Using tracks rather than tyres can help farmers reduce soil compaction and increase yields, according to Big Tyre

Every farmer dreams of a simple option to increase their yields and, ultimately, the profit for their work.

Big Tyre sales manager Robert Ward believes that option could be in simply switching to tracks rather than tyres on your tractor.

"It means less compaction, better water penetration and better seed placement during planting, therefore better root development and better yield in the end," he says.

 $Reducing\,compaction\,and\,improving\,soil\,health$

are the biggest benefits of using tracks, he says, and there are several ways this takes place.

Ward says tracks put less pressure on the soil than a regular tyre thanks to their larger surface area, which has the added bonus of also providing a smoother ride for the tractor operator.

This is particularly important as farm machinery has become heavier and higher-horsepower tractors become increasingly popular.

When dealing with heavy attachments, Ward

<

The advantages of using tracks rather than tyres includes greater traction on wet soils and less compaction of the soil

believes using tracks will allow these to be carried without additional soil compaction from the tractor.

Agricultural tracks create less slip than tyres, Ward says, and a higher level of slip can be damaging to the soil's health.

In wet soils, using tracks will provide greater traction and allow the tractor to move across the ground more effectively and efficiently, with less damage, he adds.

Queensland-based Big Tyre is the Australian distributor of Trackman tracks, which are manufactured in the United States at a production facility in Ohio formerly owned by Continental but now operated by Loc Performance.

Beyond just choosing tracks over tyres, Ward believes there are several reasons why Trackman tracks are a standout.

Trackman rubber tracks have 12 wires per inch, compared to eight on other tracks, which means there is 50 per cent more wire in each ply.

Patented galvanised steel cable helps to prevent corrosion and premature weakness, while each main cable is reinforced with helically wound steel cable to prevent stretching.

The stronger carcass foundation reduces internal track temperatures, improves tread lug performance and tread wear life.

All Trackman tracks are fully moulded to increase their overall life, ensuring the benefits of using the tracks can be enjoyed by the farmer in the long-term.



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MS Series - Medium Duty

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- Pressed galvanised reinforced decks
- Stump jumper blade base
- Rear wheel puncture proof tyre
- Floating headstock
- Round back reduces windrows
- Safety clutch in driveshaft



HS Series - Heavy Duty

- 1.5, 1.8, 2.1m working widths
- Reinforced galvanised cutter deck
- Front & rear safety chains
- 4 Plate safety clutch
- Rear wheel puncture proof tyre
- Stump jumper blade base
- Pressed reinforced deck



HS Twin Rotor - Heavy Duty

- 2.4 + 3.0m working widths
- Reinforced galvanised cutter deck
- Twin rear wheels
- Puncture proof tyre
- Front & rear safety chains
- Stump jumper blade base
- Pressed reinforced deck



Folding Wing - Medium Duty

- 3.6 + 4.5m working widths
- Reinforced galvanised decks
- Deep cutting chamber
- Safety clutches on the drive shafts
- Easy height adjustment
- High blade tip speed
- Stump jumper blade base
- Front & rear safety chains





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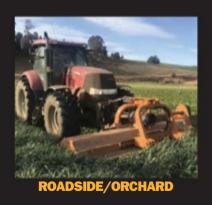
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f Feature



Massive crush

Stone crushers are a significant part of FAE's Australian offering and a range of models are available that cater for all needs

"Difficult things never have easy solutions."

The words of FAE Australia Pacific managing director Alberto Rosso could apply to many aspects of life but, in this instance, they refer to farmers requiring stone crushing to increase their usable land.

Italian manufacturer FAE has a stone crusher for all requirements, starting with the entry-level STCL that only requires a 70 horsepower (52kW) tractor to operate and can handle rocks up to 15cm in diameter at a depth of up to 15cm.

At the opposite end of the spectrum, the RSH/ HP stone crusher can run on tractors up to 500hp (373kW) and is designed for rocks up to 50cm in diameter and with depths also up to 50cm.

The most popular model among Australian customers is the STC/DT 200 as it caters for the most common tractor sizes owned by farmers. Designed for tractors between 130hp (97kW) and 220hp (164kW), it can crush stones up to 30cm in diameter and at depths of up to 20cm.

The DT in its model name stands for double transmission, which helps to ensure consistent power distribution across the rotor.

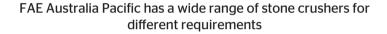
Hardox steel is used to line the crushing chamber along with the skids and ploughshare to help extend the machine's life span.

The 2.83 tonne model has a working width of 2.06m and total width of 2.49m.

As with other FAE stone crusher models, the STC/ DT 200 also has a choice of teeth options depending on application.

The most obvious benefit of an FAE stone crusher, Rosso says, is the ability to turn unsuitable farmland into potentially productive paddocks.

"All these machines have one common goal, which is to bring unproductive land to productive land," he says.



"For a farmer investing in a machine like the STC, it can create a lot of added value for them because they can convert fields that are already in their possession to farmland without needing to rent or buy other land."

FAE Australia Pacific plans to import even more units of the STC/DT 200 due to its popularity, and Rosso says there was considerable interest in the manufacturer's stone crushers during AgQuip.

"There are already machines in Queensland and New South Wales, and in Gunnedah we had a lot of interest in stone crushing," he says.

"I think the STC will be a successful machine and I'm happy we can start to talk about stone crushing in this area, because that is one of the main problems that they have here."

Rosso's overall advice to farmers was to be conservative and realise that turning stone-laden land into a usable paddock is "not an overnight solution".

"Stone crushing is not an easy problem. Difficult things never have easy solutions or simplified solutions," he says.

"For example, one thing is also you need a creeper tractor with it. You need to go slower rather than at speed, and farmers are starting to realise that you cannot deal with the stone crushing like you are running a disc harrow or cultivator at 10km/h.

"You need to invest the time, fuel and machinery, but at the end you do one pass and you have your field ready for crop.

"Farmers are starting to understand it is not an overnight solution, because you are talking about a machine that is going 0.5 or 0.7 kilometres per hour you have to go slow.

"Sometimes there's no easy solution for a problem, but the FAE stone crushers are strong enough that can deal with the difficult conditions of Australia."

FAE's line of stone crushers is available through the company's website at www.fae-group.com/en-au



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Success driven

Backed by a tried and tested formula, Munro Engineers has a post driver to suit farmers and contractors alike

After nearly 60 years of producing post drivers, it is fair to say Munro Engineers knows a thing or two about the industry.

The company's history actually dates back more than 150 years, originally manufacturing other products, but it was around the time current owner Warren McLean's father took over that Munro's move into post drivers took place.

"We were the first company in the world to combine the auger for digging a hole, pre-drilling a hole, and the hammer for driving a post into that hole," McLean says.

"We've been making those machines since 1964 and the reputation we've got is just second to none."

The standout post driver in Munro's range is the AutoDriver, the percussion drive which is most

<

The AutoDriver (left) and drop hammer machine (right) are two popular post drivers manufactured by Munro Engineers

popular with contractors, while the cheaper drop hammer machine is often bought by farmers who only need a post rammer for smaller jobs.

"The percussion machines are faster, safer, noisier and more expensive than the drop hammer machines," McLean says.

"The reason they're safer is the head of the hammer doesn't leave the top of the post - all the hammering is internal.

"That's where it's got an advantage over the dropping machine, but it also depends on how much fencing you're going to be doing.

"If you're a farmer and you're only doing a couple of kilometres a year, you could purchase a drop hammer machine and you would only lose five hours every couple of kilometres."

This saving of around two and a half hours per kilometre with the AutoDriver may not make a huge difference to the hobby farmer, but it will quickly add up in a commercial setting such as a vineyard.

McLean also says meeting the additional health and safety requirements of these commercial operations are a further benefit of that machine.

This is not to say the drop hammer machine is unsafe or undesirable, McLean says, adding that it is Munro's biggest seller, with demand for them generally outdoing the AutoDriver two to one.

The AutoDriver is capable of drilling up to 1.2m deep and has a standout feature Munro has worked on to increase efficiency.

"It has what we call tractor-added downforce, and that's a system of transferring the mass of the tractor to the AutoDriver," McLean says.

"The reason you need to do that is because when the hammer of the AutoDriver is operating, you have a nitrogen gas that accelerates the internal piston down. Because that occurs so much faster than gravity it tries to accelerate the machine up and you need backup mass to get energy efficiency.

"The tractor-added down force, which is patented, improves efficiency of these machines by about three times."

The AutoDriver is easy to use and also has a one-handed operating function that allows users to adjust the machine's tilt while driving to ensure a straight post.

Munro Engineers is based in the Victorian town of Ballarat, where it manufactures all of its equipment.

The AutoDriver and drop hammer machines can be viewed at www.munroeng.com







Green light

Bobcat's zero-turn mower range, each built with a fabricated deck, truly has something for everyone

Bobcat's range of zero-turn mowers, one of the newest additions to the manufacturer's stable, are designed to make life easier whatever the mowing requirements of the end-user.

Taking Bobcat's reputation for quality and putting it into mowers has resulted in a product line that has been a success for Australian distributor Clark Equipment since its arrival in the country late

"Everyone has been very positive and very happy

with them, and we could sell more if we had more," Clark Equipment general manager Cole Jones says.

"There's an entry level range, a residential range and then there's a more professional range as you go up to the bigger machines.

"We get more sales in the cheaper range than the more expensive range, of course, but we've found the uptake of the commercial end to be exceeding our expectations to start with."

There are six models of Bobcat zero-turn mower,

inches) and 132cm (52 inches).

It also has cutting heights between 3.8cm and 12.1cm while its overall length is almost 30cm smaller than the ZT7000 and its maximum speed less than half of its top-line counterpart.

For those needing a bigger model, the ZT7000 has an overall length of 2.21m, deck width of 182.8cm (72 inches) and cutting heights ranging between 2.5cm and 13.9cm.

Fitted with a 999cc Kawasaki engine and 56.7L fuel tank, it can reach speeds of 30km/h while in transport and up to 21km/h while mowing.

Jones says there are many areas Bobcat looked to prioritise when manufacturing the mowers, which will create advantages for customers.

"Ease of operation, fabricated decks, quality machines that are made in the USA, and the Kawasaki engines throughout the range are well known and highly reliable," he says.

"I think the features and pricing are very competitive in the market for a quality-built machine, but one of the big features is a fabricated deck like the other commercial ranges.

"Having that fabricated deck, it's stronger, it does a lot better cut, so you've got less maintenance and you can do a quicker cut." 📠

Bobcat zero-turn mowers are distributed by Bobcat Australia, a division of **Clark Equipment. For more information visit** https://bobcatofaustralia.com.au



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Show time

rganisers could not have scripted a better return for the AgQuip field days.
Held in Gunnedah, New South Wales between August 16 and 18, around 100,000 people flocked through the gates to check out the wide range of exhibitors.

After a slow start due to patchy rain on the opening day, the sun shone brightly for the second and third days of AgQuip and the crowds picked up significantly.

Machinery manufacturers and distributors were buoyant about sales during the show – and the market more generally – with the event's popularity showing COVID-19 lockdowns had not taken away the public's desire to attend large-scale field days.

Farms & Farm Machinery was there to check out which machines were being showcased.

Ag-Pride rotary cutter

The Ag-Pride MSF4560 rotary cutter, designed for tractors between 80hp (60kW) and 160hp (119kW), was a highlight of the NSW company's display.

Described as a folding wing medium-duty slasher, features include reinforced dishpan blade carriers and ribbed smooth top fully galvanised decks, which are designed for easy cleaning, added strength and maximum lifespan.

Ag-Pride Australia is also the national distributor for Italian-made Berti mulchers, which were also on display at the show.

Faresin 6.26E electric telehandler

The first Faresin fully electric, lithium battery-powered telehandler in the country took centre stage for distributor Ahern Australia.

The 6.26E offers a 2,600kg lift capacity and maximum lift height of 5.79m.

The Ahern Australia team says it has been benchmarked for performance against its diesel equivalent - the 6.26 Classic - and has the exact same capabilities in terms of power and speed, but offers the benefits of zero emissions, considerably reduced maintenance costs and eliminates the need to fill up with diesel.

The 6.26E comes with a three-phase fast charger plus a 240-volt charger.

Hercules wheel loaders and accessories

Brisbane Mini Excavators had many of its Hercules wheel loaders on display, for which it is the exclusive Australian distributor.

One of the models (pictured) was the HD1050, which is fitted with a 150hp (110kW) Cummins engine and has a 10.6-tonne operating weight and three-tonne rated load capacity.

BME also highlighted the wide range of attachments available that add versatility to the loaders. Among the many options are rock and high-tip buckets, pallet forks, stick rakes, pipe grabs and rippers.

Hydraulic hitches and an auxiliary hydraulic function mean attachments can easily be changed in just a few seconds, making the loaders ideal for use in a variety of environments.

Hardi Saritor sprayer

Only launched to the public in July, it was hardly surprising that South Australian manufacturer Hardi chose to give prominence to its new Saritor 7000 Mallee sprayer.

Packed with technology and featuring a sleek black design, the Saritor's infinitely variable fourwheel drive is controlled by efficient hydrostatic transmission, powered by a 300hp (224kW) Cummins QSB 6.7 litre Tier III diesel engine. Fixed track width options are available from 3m to 3.5m, while there are also a range of boom options from 36m to 48.5m.

Four nozzle technologies are available for the Saritor, including Hardi's exclusive H-Select and the GeoSelect technology launched last year.

Kuhn TMR mixer

A twin auger vertical TMR mixer was on display for French manufacturer Kuhn.

The Profile Crossmix 20.2 CS model has a 20 cubic metre capacity and is designed to suit herds of cattle between 70 and 150 animals.

Stability has been a priority of the machine's design, with the wheels outside the tub for farms involving uneven or difficult terrain.

This also means the machine's overall height is reduced, making it ideal in tight spaces, while also providing extra ground clearance.

The large cross-conveyor is positioned at the front of the machine and Kuhn also says the distribution quality is another key feature.

Croplands Pinto 3000 sprayer

The durable and feature-packed Pinto 3000 sprayer was among the machines being shown by South Australian manufacturer Croplands.

Named the 3000 for its polyethlene tank's capacity in litres, Croplands says the machine also has a highly durable chassis and 160 L/min diaphragm pump for superior agitation and water rate flexibility.

Built with a robust design and four different fully hydraulic boom sizes, the ISOBUS-compatible Pinto 3000 is an ideal broadacre trailing sprayer.

It is one of many models available in the Australian-made range, along with technologies such as optical spot spraying system Weed-It.

C





In addition to the Patriot sprayer and Farmlift telehandler that captured attention, Case IH also had its newest Stage V Puma tractor on display.

The overall aim of the Puma was to bring it to the next generation through numerous updates and automation options, including new software.

Case IH says this allows the user to adjust the settings and sensitivities of the tractor depending on the type of work being undertaken.

The manufacturer says it aimed to put itself in the customer's shoes when designing the Stage V Puma to make it a prestige product and the best all-round tractor possible.

Olympus Loaders tractors

More commonly known for other machinery, Brisbane-based Olympus Loaders attracted plenty of customer interest with their new tractor range.

Among these is the top-end YX1504, which is a 150hp (114kW) tractor that features four wheel drive and a long wheelbase for optimal weight distribution.

It has a large ergonomic cabin which is shock absorbed, low noise and dust proof.

Also available in the Olympus range are the smaller YX504 and YX904 tractors, while the company's range of loaders were also popular among customers at AgQuip.

Rata Equipment Power Claw

Designed to make jobs easy on a wide range of equipment, New Zealand based Rata Equipment showed off its 1.8m and 2.4m Power Claw.

The Power Claw attachments to machines such as tractors, front end loaders, telehandlers and skid steers, and offers versatility and durability.

Rata says it has the clearing ability of a root rake



A Hardi Saritor sprayer

B

Bourgault seeder

C

Brisbane Mini Excavators' Hercules wheel loaders and accessories

D

Rata Equipment's Power Claw

E Case IH Puma tractor

E

Herculano slurry tanker G

Huski mini excavator

Faresin 6.26E electric telehandler



fm Events



Boss TMR mixer wagons and stock feeders, plus Mighty Giant hay grinder, which Valton has started to import for the Australian market.

Bourgault seeder

The HD 848 hoe drill frame mounted seeder was being showcased by Bourgault.

Manufactured in Canada, Bourgault says the unit combines "heavy-duty steel air cart tank design

Horsch Maestro planter J

Olympus Loaders YX1504 tractor

K

Kuhn TMR mixer



Ag-Pride rotary cutter



Croplands' Pinto 3000 sprayer

with industry-leading ParaLink Hoe Drill openers to create an ideal single-implement seeding system".

It is available with 6m, 8m and 9m operating widths and a choice of 250mm and 305mm

The HD 848 has a 4800L tank capacity, while the unit folds up to just 3m for easy transportation.

Through Australian distributor Muddy River Agricultural, the first Horsch Maestro 12 SV planter

The 12-row unit is fitted with Horsch Connect, a technological addition that allows fertiliser calibration and functionality checks of all metering units to be undertaken using a mobile phone.

There is also access to telemetry, while Horsch Connect can also be retrofitted to other Horsch products such as air seeders.

Other highlights of the Maestro 12 SV include full section control, AutoForce and an updated metering unit.

Horsch is best known in Australia for its seeding and tillage equipment, however the first Horsch sprayer was imported into the country by Muddy River Agricultural last year.



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Here are upcoming field day and agricultural events for 2022. **Information was current** as of going to press

Elmore Field Days - Elmore

From humble beginnings in 1964, Elmore Field Days has gained recognition as one of Australia's premier agricultural Field Days. Elmore Field Days is focused on providing an unbiased service to agriculture and community with flow on economic benefit to regional areas.

WHEN: October 4-6, 2022 MORE INFO: www.elmorefielddays.com.au

Shepparton Agricultural Show -Shepparton

Running since 1899, the Shepparton Agricultural Show is a family-focused event with animal shows, arts and crafts, horticulture, competitions and more. WHEN: October 7-8, 2022 MORE INFO: www.sheppshow.com.au

Wandin Silvan Field Days - Wandin East

Wandin Silvan Field Days' focus is showcasing horticultural and agricultural producers and their products and services. This enables visitors to have direct contact with the local growers and producers of this region. When: October 14-15, 2022 More info: www.wandinsilvanfielddays.com.au

Murrumbateman Field Days -Murrumbateman

The Murrumbateman Field Days is one of the region's premier events and the flagship annual event for the Yass Valley. Murrumbateman is around 30 minutes from Canberra and is an event for the whole family with live music, local produce and nearly 500 exhibitors. WHEN: October 15-16, 2022 MORE INFO: mfdays.com

Australian National Field Days - Borenore

The Australian National Field Days (ANFD) is the oldest annual agricultural exhibition in the country. Established in 1952, the ANFD offer visitors a unique insight into the future of agriculture. More than 600 exhibitors travel to the Borenore site (15km west of Orange, NSW) from all over Australia and internationally to display their products and services during the three-day event. WHEN: October 20-22, 2022 MORE INFO: anfd.com.au

Bendigo Agricultural Show - Bendigo

The Bendigo Agricultural Show Society was founded in 1859 and has conducted an annual spring show every year since. Alongside trade displays and animal competitions is a whole host of family entertainment. WHEN: October 21-22, 2022

MORE INFO: www.bendigoshow.com.au

Brunswick Show - Brunswick

The Show Committee was formed in 1931 by local farmers and residents to show their livestock and farm and homeproduced wares. The show now attracts exhibitors and judges Australia-wide and has the reputation of being one of Australia's biggest one-day shows. It aims to provide entertainment while still maintaining its agricultural focus.

WHEN: October 22, 2022 MORE INFO: www.brunswickshow.com.au

Primex Field Days - Casino

Positioned as being 'Australia's sustainable farming expo', Norco Primex has evolved from a localised event to become one of the country's leading primary industries expos. It now boasts in excess of 1,000 different companies on show and more than 25,000 visitors across its three days.

When: November 10-12, 2022 More info: www.primex.net.au

Noorat Show - Noorat

Founded in 1932 to promote agricultural and industrial progress in this region the Noorat & District Ag & Pastoral Society has been conducting an annual show every year. The Noorat Show is one of the largest one-day shows between Geelong and Mt Gambier. The show boasts an amazing variety of local and not-so-local businesses, is a showcase for regional livestock, working dogs and horses and provides an array of entertainment for the whole family throughout the day. WHEN: November 19, 2022

MORE INFO: www.nooratshow.org.au

For the full year's calendar of events: tradefarmmachinery.com.au/events



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UHI UME80 YANMAR 63HP, 7.2T Crawler Excavator. Steel Track with Rubber pads, free 400mm bucket,800mm bucket,1500mm bucket, hydraulic quick hitch.. S33. TA1141665.



UHI UWL916 56HP, 1.6T Loading Capacity, ROPS, Enclosed, Free 4 in 1 Bucket, Fork Attachment.. S5. TA1089880.



UHI LG820 2.2T Loading Capacity, 100HP Powerful Engine, Hydraulic Pilot Control With Air-conditioning Cab, Free 4 in 1 Bucket, Fork Attachment.. S34.



UHI LG825 2.5T Loading Capacity, 114HP Powerful Engine, Free 4 in 1 Bucket, Fork Attachment.. S21. TA1121321.



UHI UWL280 2.8T loading capacity, USA Cummins 123HP diesel engine, free 4in1 bucket, fork attachment. S6. TA1090042. \$54,990



UHI UWL350 3.5T Loading Capacity, 150HP Cummins Engine, Free 4in1 Bucket and Fork Attachment. S25. TA1132093. \$69,990



UHI US40K Skid loader, top brand manufacture, 750kg loading49.3hp, aircon, joystick control, 4 in1 bucket. S13. TA1095008.



UHI 454 Tractor 400kg loading capacity, 45hp diesel engine, free 300mm auger, 200mm trench bucket, backhoe, 1.5m grader, forks, 5ft slasher, eruo quick hitch with 4in1 bucket. S29. TA1134370.



UHI 554 600kg loading capacity, 55hp diesel engine, free 300mm auger, 200mm trench bucket, backhoe, 1.5m grader, forks, 5ft slasher, eruo quick hitch with 4in1 bucket. S37. TA1145226.



UHI U50 Eco Friendly Electric Wheel Loader, 500kg Rated Load, 2100mm Lifting Height, Up to 8 Hours Working Time, 5 Battery Groups with 60V Rated Voltage.. S36. TA1145225.

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El-Gra Engineering combines experience, a willingness to listen and the latest technical upgrades in its factory to keep going strong

Elton Robinson is keen to credit customer feedback for the continued evolution of his company's post drivers.

As co-owner of El-Gra Engineering along with his son Graeme, he has constantly looked to enhance the percussion post drivers (rock breakers) leaving the New South Wales factory over the past three decades.

"El-Gra were the first manufacturers of fully hydraulic post drivers in Australia, as a leading manufacturer of the then-new technology," he says.

"We've built the machine, we've built the technology - we didn't follow anyone.

"We lead the way in fully hydraulic post drivers in Australia, and probably the world, and we continue to upgrade our machinery and listen to the consumer, which is usually the farmer

or a contractor. If they have an idea, we take it on board. We will use Solidworks, which is a threedimensional drawing program, and this allows us to bring an idea to working scale. If it does work, we will implement it the following year."

"By listening, you always learn, and we're creating something that the customer wants and which assists them.

"I've also got my own ideas, because I come off the land myself, and simplicity always works."

For the owners of a business that pioneered its product in Australia and spent the next three decades improving it, to say that Robinson is always listening to feedback is a clear sign of how highly El-Gra's customers are valued.

"At El-Gra, we are always researching our market and our customers needs and developing new and





improved products and services," Robinson says. Another way in which El-Grashows its respect for customers is in the amount of work that goes into perfecting any new product.

It also ensures that every unit that leaves its South Nowra factory has been rigorously tested.

"It's a lot easier for us and it's a lot easier for the customer that receives the product," Robinson says.

"Every machine that leaves the factory is tested for quality assurance prior to dispatching.

"We deliver all over Australia, so ensuring our machines are tested prior to leaving is a must.

"We don't get any recalls saying it doesn't work, because we've already tested it."

Reliability is at the forefront of everything El-Gra produces, and Robinson says a change in production technique has boosted this even further.

"We cast the intricate parts of the post driver as we can achieve complex shapes, and laser cut the parts which aren't casted to ensure the consistency in our machines," he says.

"El-Gra has just invested almost half a million dollars in a state-of-the-art welding and laser equipment which includes a six-axis industrial welding robot to always maintain consistency in our machines."

At the opposite end of the spectrum, El-Gra also produces a 200-cell post driver, which is the biggest of the four sizes it offers and which Robinson says is "the biggest driver made in Australia".

"The 200 Cell delivers a whopping 2,500 joules of impact power per blow to the post with approximately 400 to 700 bpm governed by oil flow," he says.

"It's aimed at the contractors who need something bigger and faster to do fencing.

"There's one guy in Queensland who has got some of our machines and he does 40 kilometres a week." Despite being based in New South Wales, some of

the challenging Queensland soils are where El-Gra's products particularly stand out.

The company gives back to Queensland by donating a post driver annually to the Royal Flying Doctor Service in that state, which is auctioned off.

"This is the second year - we'll do it again next year and I'll continue doing it every year," Robinson says.

"It's a service which you don't know whether you're going to use but it's a worthwhile cause."

El-Gra's full product range can be viewed at www.elgra.com.au



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ffm Feature



Where it happens

A new Hamilton base for Greg Allan Farm Machinery has opened, offering its range of equipment to a wider market

After 34 years with a single base of operations in Colac, Greg Allan Farm Machinery has opened up a new branch, and a new world of opportunity, in the Victorian town of Hamilton.

Greg Allan Farm Machinery managing director Jon Allan says the company, and its import business Colac Ag, had been looking to expand somewhere around Victoria for the past five years as a new generation takes the companies forward.

Warrnambool, Portland and Mt Gambier were all on the short list, he adds, but the company ultimately went with Hamilton due largely to its size and its location.

"We were already dealing with a lot of people in the area," Jon says.

"But when it comes to servicing, we were getting a little bit restricted on the ability to service the area very well.

"It was a combination of people asking us to go there as well as us seeing an opportunity there. By being in the area and having the full setup - sales, spare parts and service - just opens the door right up for us"

Based at what was once Hamilton's Indoor Tennis Centre, the new facility boasts a 5,000 square metre workshop and is situated on 3.5 hectares of land.

"It's a little bit excessive for what we are starting with up there!" Jon laughs.

"But what it will actually do is give us capacity for the Colac Ag company, because we're starting to run out of shed space down here when we're importing the machines, unloading containers and things.

"We'll certainly be able to lift our capacities and supply the dealer network Australia-wide out of that."

Hamilton offers 360 degrees of sales possibilities, Jon adds – and with the town's position on the Henty and Glenelg Highways, it offers decent access into South Australia and northern Victoria.

The region also has a stronger broadacre focus which Greg Allan Farm Machinery brands Borgault, Hansa Southern Spreaders, Samasz, Joskin and Pöttinger would suit, he says.

"Plus the Elho rock pickers - from Inverleigh through to Hamilton, that is a volcanic area, so there's a whole lot of rocks through there - so we found we were already dealing with a lot of people from the area."

Greg Allan Farm Machinery is also a major distributor of Agco tractor brand Valtra - which Jon says has recently opened up the model range available Down Under.

"We can get Valtras now from 100 to 400 horsepower [75 to 298kW], and in future will be from 75 to 400 horsepower [56 to 298kW]," he says.

"Before we were capped at about 250hp [186kW]. So now being able to get 400hp - having had a look at the market and the pricing structures, we believe that it is a captive market for us up there."

Doors had been open for about a month when Farms & Farm Machinery spoke with Jon, but he was happy to confirm that there were already service mechanics on deck to help with any service needs.

"We've been able to secure a labour force out of Hamilton itself," he says.

A

Greg Allan (left) and Hamilton manager Nick

B

The new branch is at 35 Mt Baimbridge Road, Hamilton

C

The new branch is now open for business

D

Machinery on offer includes Elho rock pickers

"But the management team is all based out of Colac. At the moment different managers from different departments venture up on different days and manage the departments and, obviously, the labour force will grow as the business grows."

The new Hamilton base of Greg Allan Farm Machinery is open now. For more information, visit gafm.com.au







Terrific fire stopper

Designed to put out agricultural fires quickly and easily, Muster Fire's transferable unit can handle the heat of high pressure situations

Australian farmers need no reminder they work in some of the world's harshest and hottest conditions.

A fire starting while working in an isolated paddock could quickly mean disaster - which is where Muster Fire's transferable unit for fire fighting (TUFF) comes in.

Available in three sizes - 38L, 66L and 110L - and two different pressure capacities - 700kPa and 1,370kPa - this is the Muster Fire product most suited to the agricultural market.

Muster Fire's biggest market is fully automatic systems for mining equipment, however, agricultural fires have several unique characteristics that require different solutions, according to Dale Sharpe, national fire product sales manager with Muster Fire distributor JSG Industrial Systems.

"Most of the fires on mining equipment are on the engine, hydraulic pumps or where all the hydraulic hoses are," he says.

"To use combine harvesters as an example, because that's where we sell most of them for the agricultural market, is that the engines can catch fire, but not as regularly as on other machines, and the hydraulics, not so much.

"With farming machinery, a lot of the fires start down in the actual comb where it's actually cutting the chaff, when it's going back through the machine in all the pulley belts on the side.

"The fire risks are very different on a combine harvester compared to a piece of mining equipment, and to cover them with an automatic system is pretty much impossible because of so many moving parts."

Designed to be a quick but powerful solution, the TUFF unit can be mounted on the combine harvester and fully charged.

Crucially, it comes with a 15m hose reel which allows for operators to quickly deal quickly with fires that may have spread around the machine.

"If a fire does start down in the comb, the operator can shut off the machine, jump out, get down, pull the hose out and address that fire," Sharpe says.

"If there's a fire somewhere else on the machine, they can get that hose and run it around.



"Obviously, if that fire shifts to the actual crop or the surrounding areas, again you've got a 15m hose that can circle the machine to pick up any spot fires.

"The good thing about the TUFF unit is that it doesn't just cover specific parts on the machine; it covers the general area of the machine and can get into all the little nooks and crannies, and the actual crop you're harvesting.

"It's a lot more versatile, as it can reach a lot of different areas, and it's very cost effective compared to the cost of replacing the machine."

Another useful aspect of TUFF, which is suggested by its name of 'transferable unit', is that it can be easily moved from one unit to another, depending on a farmer's requirements.

It uses what Muster Fire describes as an environmentally responsible fluorine free foam, which is effective for use on both ordinary combustibles and hydrocarbon fires.

TUFF is also designed to be easy to reset once it has been used.

"It's very easy to refill and recharge the TUFF, which can be done by the farmer out in the field with very minimal components - a simple air compressor, some water and we supply foam they can add to it," Sharpe says.

"If it's only a little spot fire and they put it out, you don't want the whole system to have gone off and the machine to be shut down.

"What you can do is quickly refill it, recharge it and get back to work because, obviously, time is money."

Beyond agriculture, the TUFF unit is also ideal for machines such as fuel trucks and forestry equipment. \blacksquare

The TUFF unit - and all Muster Fire products - are distributed globally by JSG Industrial Systems. Its range is available at www.jsgindustrial.com, while Muster Fire products can be viewed at www.musterfire.com



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im Feature



Like family

Honesty and providing quality material has kept the team at IMC Earthworks coming back to Makin Traks for its quality second-hand dozers

A lot of hard work has gone into building the business of IMC Earthworks, and Makin Traks has been with them every step of the way.

Based in Moruya, on the southern coast of New South Wales, the IMC Earthworks team performs earthworks around the Eurobodalla region - using a fleet of graders, dozers, excavators, small plant and road construction machines to do so.

The company is owned and run by husbandand-wife team Izaac and Melissa Colbourn, both of whom come from third generation farming and earthworks companies, with ample experience in civil construction and project management.

Melissa recalls that when the company was starting out about 12 years ago, one of their first moves was to scour the classified ads, looking for a second-hand dozer.

They ultimately went with a Cat D3 dozer - bought from upgraded second-hand dozer dealer Daz Scale, in the days when he was based in Melbourne.

"I think originally we found him from his advertisement - but we obviously went down and met him and had a look at the machine," Melissa says.

The D3 met the company's needs for a long time carrying out works building roads, preparing building sites and working on farms and in agriculture.

"It wouldn't have been until nine years later that we bought another one - because we were just starting off," Melissa remembers.

"So we rang him back up and said oh, we need something a bit bigger - and that was it. He treats us like we are family now!"

Like so many businesses in southern NSW, IMC Earthworks was impacted by the bushfires of 2019 and 2020 - working tirelessly to carve out buffer zones around towns and helping to protect other private properties from damage and destruction.

"We were also doing lots of bushfire recovery stuff, fixing all roads up that have been burned out and

> Izaac and Melissa Colbourn and their family with their D6K dozer



The Cat D6K 2XL dozer from Makin Traks

cleaned up, like slashing all the verges from all the weeds and that that has come up," Melissa says.

"As we the fires came, we started getting a lot busier - we started upgrading machines, and I think we're on our sixth dozer that we've bought from Makin Traks - plus a grader."

Today, Scale runs his quality second hand earthmoving business Makin Traks from Yandina in the Sunshine Coast-importing used dozers and preparing them for sale to Australian buyers.

Scale, who specialises in Cat dozers ranging from D3 to D6, takes care to perform a series of checks on all units he imports - all of which come from official Cat dealers in the US.

The company has also recently found itself providing several dozers to Australia's National Parks and Wildlife Service, which manages more than 860 national parks and reserves in Australia.

Funnily enough, the team at IMC Earthworks was at work at a national park outside Narooma where we were able to take some photographs of a new second-hand Cat D6K dozer supplied by Makin Traks.

Melissa says IMC Earthworks has been busy of late, building dams and doing a series of repairs to roads in national parks - adding that all equipment working in these areas must meet a series of standards.

"National parks are really strict on what the gear is, and it has to be sort of newer model stuff and in pretty good condition," she says.

"All the gear from Makin Traks always comes set up and just ready to just get straight off the truck and straight to work... we never have to do anything to get them ready - they're just ready to roll out.

"Every machine we bought, we've always gone for tree pushers and rippers and stuff like that... he's always been really good. As soon as we say what we need, he'll chuck the tree pusher on and give us a good price on it.

"It's good to have somebody that you can rely on what he says - you can trust what he's saying.

"Every time he's said something, it's been the truth - so he's always been very honest like that."

For more information on Makin Traks' machines and attachments available to buy and hire, visit the website at: www.makintraks.com



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CATERPILLAR D6K2 XL 2015, 3,200hrs, sweeps, screens and MS ripper. Sold serviced with workshop report. S1019. Ta1145375.

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Star performer

Caltex is back with big growth plans

Caltex is back - but, really, it never went away.

The short version of a long story is that Caltex is a global brand owned by Chevron - one of the world's leading integrated energy companies with a 70year history in Australia.

The Caltex brand was previously used by Ampol under an exclusive brand license, however that is now no longer exclusive and, from 2023, the Caltex brand will be solely used by Chevron.

Back in 2020, Chevron also purchased the Puma Energy fuel business in Australia. That's why you might have noticed established Caltex stations rebranding to Ampol, and selected Puma locations rebranding to new Caltex service stations.

The big question is, 'why does this matter?' It matters because Chevron plans to deliver high-quality Caltex products at fair prices through a wide-reaching distribution network.

Guided by the vision to be the global energy company most admired for its people, partnership and performance, it will offer quality fuels and industry-leading premium lubricants with great benefits.

Techron, for example, is a specially formulated engine cleaning additive that will be available across all fuel grades at the new Caltex service stations. It removes dirt and prevents deposits from forming, helping to improve performance and enhancing engine life.

On the lubrication side, Havoline (for petrol motors) and Delo (for diesels) continue to be available for every kind of industrial operation - Caltex supplies a wide range of lubricants, oils and fuels

from mining to agriculture, power generation to construction, and trucking to global marine - with a broad distribution network.

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Grants are available for a wide range of areas within agriculture, fisheries and forestry

GRANTS

Grants available

Up to 12 individual research grants are available for research into agriculture, fisheries and forestry

Individual grants of up to \$22,000 are available to support the next generation of Australian researchers.

Applications are open now for the 2023 Science and Innovation Awards, offering a total of \$264,000 across 12 categories of research.

Applications are open to young Australians aged 18-35 years, working or studying in a related industry, to undertake a project on an innovative or emerging scientific issue that will contribute to the ongoing success and sustainability of Australia's agricultural, fisheries and forestry industries.

The categories are:

- Adoption ready innovation and technology
- Eggs and poultry (layers)
- Red meat processing
- Pork
- Wool • Cotton
- ecurity and digital innovation
- · Fisheries and aquaculture
- Forest and wood products
- Grains
- Horticulture
- Viticulture and oenology.

Agriculture minister Murray Watt says creative ideas are vital to the ongoing success of Australian agricultural industries.

"These grants provide funding to take projects from concept to research and testing that will deliver genuine outcomes for the agriculture sector," he says.

"It's exciting to help usher in the next generation of Aussies to our primary production industries and I will watch the applications with great interest."

The Science Awards also builds the career and research profile for successful candidates, who gain experience in application writing, budget planning, managing a 12-month project, media exposure, engagement with industry and other researchers, and future projects.

Since they were launched in 2001, the Science and Innovation Awards have helped 284 young researchers, innovators and scientists turn their ideas into reality with over \$4.7 million in grant funding.

For more information and to apply visit www.agriculture.gov.au/scienceawards. Applications close at 5pm AEST Friday 23 September 2022. nm



WEEDS

Weed control

The CSIRO is seeking applicants for the trial of a natural solution to flaxleaf fleabane, set to be part of a major new pilot study

A Colombian fungus could be the solution in the battle against one of Australia's most challenging agricultural weeds.

The South American fungus is set to be piloted by the CSIRO as a biocontrol tool to help farmers Down Under to help fight flaxleaf fleabane.

Initial research by the CSIRO identified the rust fungus - *Puccinia cnici-oleracei* - which infects flaxleaf fleabane and restricts it from growing by destroying the plant's tissue.

The fungus was imported into the CSIRO's high-security quarantine facility in Canberra where it was studied to examine how safe it is to introduce into Australia as a biocontrol agent.

A fast spreading weed that damages cropping and grazing areas, flaxleaf fleabane is one of the Australia's most challenging weeds, estimated to cause revenue losses exceeding \$43 million each year.

The weed also originates from South America and is considered one of the most difficult-to-control weeds in Australia's grain cropping system.

Growing up to one metre tall, flaxleaf fleabane is a prolific seed producer, with each plant capable of producing over 100,000 seeds that can be dispersed far and wide with aid from the wind, water and animals.

The impact of flaxleaf fleabane is sizeable too-CSIRO weed ecologist Ben Gooden estimates nearly three million hectares of land have been affected by the weed.

"As flaxleaf fleabane has developed resistance to some herbicides, we hope that the biocontrol agent will be effective in reducing its populations across the country," Gooden says.

"Our research found the fungus can only infect

flaxleaf fleabane, while all non-target plant species

Dr Ben Gooden, CSIRO research scientist,

surrounded by fleabane weed

tested were resistant to it. "Based on this research, the fungus is deemed to be safe and has been approved by the Department of Agriculture, Fisheries and Forestry for introduction to Australia."

Under the trial, the fungus will be released in designated sites around the country where participating farmers will monitor the fungus and how it establishes on flaxleaf fleabane.

Results will be reported back to the CSIRO and will form part of the 'Underpinning agricultural productivity and biosecurity by weed biological control' project, which is also supported by AgriFutures Australia.

Across the country, grain farmers have been battling the effects of flaxleaf fleabane for many years. The weed competes for soil water across multiple stages of the crop cycle which impacts crop production, according to Grains and Research Development Corporation weeds manager Jason Emms.

"Flaxleaf fleabane can run rampant during the fallow phase as there is little competition for light or moisture. Once established it is very difficult to control," Emms says.

"A biocontrol agent for this problematic weed is very exciting as it may help to reduce overall populations when integrated with existing weed management strategies."

Farmers and landowners wishing to participate in the CSIRO's pilot biocontrol release program can register their interest at fleabanebiocontrol@csiro.au.



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The growing role of data in agriculture and how it should best be used was a theme of the Tractor and Machinery Association's annual conference in Melbourne that took place recently.

National Farmers Federation (NFF) chief executive Tony Mahar addressed the topic during his speech, discussing the aims of the NFF's ongoing Farm Data Code, while a panel discussion involving several industry representatives also discussed data use.

The first draft of NFF's Farm Data Code was published in February 2020 and has been reviewed through a working group, with plans to now pilot the code with some organisations before finalising and formally publishing the code by the end of this year.

"I feel like there is a lot of information and data flowing around in tractor cabs, ute gloveboxes and top drawers of desks that, if we can just bring together and utilise in the right way, we would be a whole lot better off as an industry," Mahar said at the conference.

"At the NFF, we're developing a Farm Data Code, so what that's trying to do is to provide some rules and guidelines around how we as an industry collect, share, store and secure data.

"The most important thing is how do we use it to our advantage? How do we as an industry keep demonstrating what we're doing is improving and is benefiting not only our farm, but the broader industry?

"It's a big, high-level issue that we are trying to work on for the benefit of every single farmer across the country, but also the stakeholders that allow us to collect that data like machinery manufacturers, chemical providers and other organisations."

Mahar also acknowledged concerns held by farmers about how and where their data was stored, which was also a theme of the afternoon's panel discussion.

Victorian farmer Andrew Weidemann, who is also a former Grain Producers Association chairman and current GPA board member and research and development spokesman, said he could see both positives and negatives to the increasing role of data in farming.

He cited the potential for yield mapping data to be used by researchers for both training the next generation of farmers and improving productivity in the shorter term.

He also said the speed of machinery alerts could

The National Farmers Federation is seeking feedback on its Farm Data Code, which it hopes to formalise by the end of this year

prevent problems becoming major, but also agreed that access to collective data was an issue.

"Individually, my data isn't worth anything to a company, but if you've got 100 or 1,000 customers I think you've got another issue because then you've got collective data, which is quite valuable," he said.

"Data is a huge issue in terms of who has access to it and it's one area that I don't think the story has fully unfolded on just yet.

"The technology that you have, and you can see with the alerts you get from the equipment, can save that piece of equipment.

"All of that does help - you train people and it also gives you a level of comfort that you can look after your machine without actually being on it.

"The whole thing about data - who holds it and where it's held - are all very big issues."

The NFF is still inviting feedback on the Farm Data Code, which can be made by contacting the federation directly. $_{\text{mm}}$







Take care

No Kill Cropping developer, plus Wilyun Pools farm owners recognised in 2022 National Landcare Awards

Ten exceptional landcarers and landcare groups from across Australia have been named the winners of the prestigious 2022 National Landcare Awards.

Award winners ranged from the Northern Territory's Roper River Landcare Group's work to combat local Neem infestations to Tasmania's young landcare leader Yanti Winoto-Lewin for launching the highly successful Friends of Franklin Forest group.

Landcare Australia chief executive Shane Norrish applauded the work of all the winners, saying that their range of innovative and impactful projects across multiple landscapes highlighted the diversity of landcare across Australia.

"From urban cities to the outback and from the coast to the country, these award winners showcase the wide range of impressive landcare work being done across Australia. I'm thrilled to be able to join them to celebrate their success and inspire more people to get involved in landcare," he says.

"These have been a tough few years for landcarers, and the winners deserve special commendation for their extraordinary leadership and innovation in the face of adversity. Their achievements embody the strength, resilience and community spirit of all landcarers across Australia and make me proud to be a part of this incredible movement."

Minister for Agriculture Senator Murray Watt commended the award winners on their outstanding achievements.

"These awards recognise the tireless work of landcarers across the country, many of whom have dedicated their lives to conserving the environment, improving land management practices and giving back to their communities," Watt says

 $\hbox{``Whether they be groups, partnerships or'}\\$

individuals, each one of these winners has overcome the challenges thrown their way to deliver fantastic landcare outcomes. I am in awe of their unwavering commitment to landcare, and I am honoured to congratulate them on their outstanding success."

Farming Award

Sylvia Leighton and Peter McKenzie won the 2022 Australian Government Landcare Farming Award, honouring their work on Wilyun Pools Farm - a 1,214ha property near Wellstead on the south coast of Western Australia.

Using their wealth of scientific knowledge and experience in biology, ecology, community landcare and soil science, Leighton and McKenzie have transformed Wilyun Pools Farm into locally recognised haven for biodiversity. The highly productive farm now boasts thriving wildlife corridors connecting to the remnant bush comprised of Kwongan shrubland, swamp banksia, and Yate woodland communities.

"We're humbled to receive the 2022 Australian Government Landcare Farming award for our work on Wilyun Pools Farm and hope that it inspires others to take action on their own patch," Leighton says.

"Wilyun Pools Farm is a testament to our whole community including Landcare WA, Southcoast NRM, Green Skills and the Noongar Elders, who have supported our work to restore health to this precious, biodiverse part of the planet.

"Revegetating Wilyun Pools Farm has taught us how much easier it has become to farm sustainably - if we can do it, others can do it too! It's exciting to be in a new chapter for agriculture where being ecologically friendly is commercially valuable and commercially relevant." A

Sylvia and Peter plant their first seedlings for 2022



Bruce Maynard

Agricultural Innovator Award

NSW farmer and landcare legend Bruce Maynard was announced as the winner of the 2022 Bob Hawke Landcare Award. Maynard is the inventor of the No Kill Cropping System, a unique, revolutionary technique that relies on the retention of full grassland functions and consumption of almost no external inputs.

He also initiated the Constructive Farming Cooperative - a group of farmers and researchers committed to extending the application of regenerative agricultural techniques - developed the Stress Free Stockmanship competencies and pioneered a new field of animal behavioural science called Self Herding alongside Dean Revell.

"The biggest challenge facing Australian farmers today is to integrate sustainable environmental practices with a practical, profitable production system. I'm proud to accept the Bob Hawke Landcare Award for making that challenge a little bit easier," Maynard says.

"No Kill Cropping is a game changer for sustainable farming because it lets farmers change easily and quickly between a grazing enterprise and cropping enterprise in the one paddock.

"I really believe that farmers have the opportunity to work together to address some of the greatest pressures facing us globally, such as climate change and species decline. I hope that my work will inspire others to begin their own sustainable farming journey and contribute to a greener future for Australian farming."

Maynard was presented with a prize package to the value of \$50,000.

This year's landcare champions were selected from 61 finalists, with another six nominees up for the 2022 General Jeffrey Soil Health Award and the prestigious 2022 Bob Hawke Landcare Award.

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Technical excellence

John Deere has honoured its best technicians at an awards night in Brisbane

As far as career highlights go, this is a hard one to beat.

At just 22 years of age, Jaymee Ireland has been named the Australian Ag Service Technician of the Year at the second annual John Deere Technician Awards.

But her recognition may be anything but surprising.

Growing up in Queensland's far north, Ireland was immersed into the agricultural landscape through her grandfather, Charlie Brischetto, a sugarcane farmer. Ireland would take rides on the cane harvester through the field - something which she recalls as a fond memory in her formative years.

"They were scary machines when I was a kid, but it was awesome and I loved it," Ireland says.

Her penchant for all things agriculture and machinery continued throughout school where she did machinery-related subjects where possible before completing a certificate two in aviation maintenance.

Her story evolved further when she relocated to Kangaroo Island in South Australia where agriculture dominates the mechanical landscape. It was there when a position with John Deere became available.

"The position with John Deere was going and so I applied, and I've loved it ever since. It was what I needed to do," she says.

Fast forward to now and Ireland, who is employed by Emmetts Roseworthy in South Australia,

has been recognised among her industry contemporaries as being the best at what she does.

She was judged against more than 100 award nominations from Australia and New Zealand and edged out four other regional finalists from around the country to take out the coveted award.

Ireland was among eight award winners from the night, which aimed at championing the skill and education of high-performing technicians who ensure operators achieve the best possible performance for their equipment.

The role of the technician, Ireland says, is pivotal to the livelihood of Australian farmers and the success of the country's agricultural industry.

"I think our job is very important," she says, "we need to keep our farmers farming.

"If their machine breaks down and they can't fix it, then they can't get their crop off or they can seed, but they can't plough. We need to make sure we can fix their machines in time to keep everything running.

"All technicians work incredibly hard so it's special to see that effort being recognised. Being a John Deere technician can be so rewarding as you know you are helping out farmers maximise their uptime and get the most out of their machines.

"It's always a great feeling when you can tell a

Parts Technician of the Year (Australia) Sarah Lewis with John Deere aftermarket marketing manager Mike Wilkins





Ag Service Technician of the Year Jaymee Ireland with John Deere director for aftermarket and customer support Emma Ford

customer is really happy with your work. For me, it was an honour just to be nominated for the award."

Ireland also says the continual evolution of the technology within the industry has altered what is required from technicians on the job.

"It has definitely evolved a lot. We have other technicians at our dealership who have been there for over 20 years and the technology that is coming in has changed a lot and is more technical," she said.

"There's always something new to learn and John Deere is always bringing out something new. There is always training, too, so we always get a lot of support from John Deere on their machines.

"Everything in the industry is going more towards autonomous equipment but there will still be a need for technicians. It'll be hard but I love a challenge."

Award winners were selected from over 100 nominations across Australia and New Zealand. From that, 35 regional finalists were tested across customer service skills, tool utilisation and a practical diagnostic test. The finalists were judged by 22 assessors against 105 assessment items.

John Deere Australia and New Zealand managing director Luke Chandler congratulated Ireland and the other seven award recipients on their achievement.

"This year's winners all share extensive technical expertise and a true passion for their work, which made them clear standouts to our panel of judges," Chandler said.

"People like Jaymee, who are dedicated to supporting operators get the most of out of their equipment, embody the exciting role of a tech, which is ever evolving as the agriculture, turf construction and forestry industries increase their adoption of sophisticated and highly efficient machinery."

Among the other winners was Brandt Terang parts manager Sarah Lewis, who was named the Australian Parts Technician of the Year.

"As a parts technician, each day I am supporting customers by giving them confidence they are receiving the right parts as timely as possible for their operation. This ensures their operation can be up and running 24 hours a day," Lewis says.

2022 John Deere Technician Award Winners

Parts Apprentice of the Year: Mitchell Channer, AFGRI Equipment

Service Apprentice of the Year

Logan Robertson,

Southland Farm Machinery

(New Zealand)

Parts Technician of the Year

Sarah Lewis, Brandt (Australia)

Megan Tree, Southland Farm Machinery (New Zealand)

Turf Technician of the Year

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Ag Service Technician of the Year

Jaymee Ireland, Emmetts (Australia) **Greg Bishop, Southland Farm**

Machinery (New Zealand)

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CSIRO says double the concentration of zinc phosphide is needed to be effective

RESEARCH

Double strength

Mice are less sensitive to zinc phosphide baits than previously reported, CSIRO finds, so a higher concentration is needed

Farmers had voiced concerns to the CSIRO for years, saying they felt the mouse baits they used were not as effective as they needed to be - particularly when mouse numbers were high.

And now new research has vindicated these suspicions, with researchers now finding mouse populations can be reduced significantly by doubling the amount of zinc phosphide (ZnP) in grain baits used for broadscale agriculture.

The research, funded in part by the Grains Research and Development Corporation (GRDC), has seen three papers published in serious academic journals - and represent the first efficacy studies done in Australia since the baits were registered for agricultural use.

The publication of the reports comes after the Australian Pesticides and Veterinary Medicines Authority granted an emergency use permit to increase the concentration of ZnP from 25g ZnP/kg to 50g ZnP/ kg grain bait products during the height of the 2021 mouse plague.

CSIRO researcher Steve Henry said the first study published in *Pest Management Science* found that bait consisting of grains coated with 25g ZnP/kg grain did not always provide a lethal dose to mice, and the mice that didn't die from an initial feed of this bait became

"We followed up with a second study, now published in Integrative Zoology, that re-assessed the sensitivity of mice to ZnP," says Henry.

"The results showed that mice were significantly less sensitive to ZnP than previously reported. These results highlighted the importance of every bait grain needing to be a lethal dose as there is no guarantee that mice will find and consume more than one baited grain, and consumption of a sub-lethal dose leads to aversion."

The key, Henry says, is to double the strength of those baits - shown in a third study published in Wildlife Research.

"The final study conducted near Parkes, NSW, took the findings of our laboratory tests into the field and confirmed that 50g ZnP/kg grain bait is required to consistently reduce mouse populations," he says.

"The findings confirmed that the 50g ZnP/kg grain bait was able to achieve more than an 80 per cent reduction in mouse populations more than 90 per cent of the time."

GRDC pests manager Dr Leigh Nelson says the three studies provide a solid body of evidence for the superior efficacy of the 50g ZnP/kg grain bait, which will give growers a more effective tool to manage mice and protect their crops.

"The use of 50g ZnP/kg grain baits should reduce the need for repeat baiting which is costly," she says.

"Any savings on the bottom line from mouse damage would be welcomed by farmers."

That said, Dr Nelson added that she would still encourage farmers to implement a range of tactics to deal with mice, rather than relying on baits alone. ffm



POULTRY

Slinky Loops for heating are installed at the Yanderra broiler farm

Hot chooks

Funding to provide a geothermal heat pump solution for broiler facility - with aims to reduce reliance on LPG-fuelled heating

Power system installer Ground Source Systems will receive government funding to install a thermal ground source heat pump system at a commercial broiler facility in Yanderra, New South Wales.

The Australian Renewable Energy Agency (ARE-NA) will provide \$318,000 in funding to help the company install a full-scale solar PV and groundsource heat pump system, with gas backup, for heating and cooling at the facility.

The hybrid system will see the installation of a 100-200kW thermal ground source heat pump system to replace petrol as a fuel for heating and cooling a single shed for housing chickens.

The University of Melbourne is assisting Ground Source Systems on the project by providing data analysis, content generation and knowledge sharing across the sector.

With poultry sheds requiring both artificial heating and cooling, the annual energy bills for chicken farms amount to about \$80 to \$100 million in aggregate across Australia and result in emissions of around 1.8 million tonnes of carbon dioxide per year, ARENA says.

ARENA chief executive Darren Miller says the

project will be an important case study.

"Heat pumps represent a viable alternative to traditional heating systems in helping to reduce emissions from Australia's meat and poultry industry," he says.

"Ground Source Systems is showing what's possible with the demonstration scale project and we're hoping that the valuable knowledge gained will encourage even the larger poultry companies to jump on board and look to heat pumps as a viable solution to their energy needs and net zero goals."

Company owner Brad Donovan says the trial will compare the fuel consumed in a control shed to that consumed in a trial shed, with the estimating that solar-powered heat pumps could ultimately reduce emissions by about 1 million tonnes per year.

The system is anticipated to be operational in late August to capture the winter batch of birds at the facility.

The company will also install 100kW of solar PV at the site as part of a separate project to continue to reduce emissions there.



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Angus Gidley-Baird and Chenjun Pan

EXPORTS

Cold reception

COVID-19 restrictions have lessened China's demand for beef, lamb and mutton exports from Australia - but winter should bring some relief

Chinese demand for Australian beef and sheepmeat is expected to jump in the fourth quarter, in line with the northern winter months, despite a slowdown exacerbated by the nation's COVID-19 response.

Rabobank senior animal protein analyst Angus Gidley-Baird says Australian red meat exports to China had been impacted by the nation's strict COVID-19 policies, which have changed consumption patterns across the nation.

"For the first six months of this year, Australian lamb exports to China dropped by 30 per cent compared to last year," he says, while Australian mutton exports to China were up by 11 per cent for that same period.

Speaking with Rabobank's Hong Kong-based senior animal protein analyst Chenjun Pan in a podcast entitled 'Is the Chinese meat market still firing?', he added that while Australia's beef exports were tracking at similar levels to last year, that was more an indication of Australia's lower than normal production volumes.

"The Australian 2022 beef export volumes are still 39 per cent behind what Australia exported to China in 2020," Gidley-Baird says.

Pan says that Chinese buyers had started to shift from buying beef in restaurants to buying it to eat at home since the start of the pandemic, and this was likely to continue - with exports to China to remain stable.

That said, the the drop in Australian lamb exports to China and the increase in mutton exports reflects how the Chinese food service sector has declined significantly in the first half of the year - driven by the lockdowns.

This downturn is likely to continue if COVID-19 policies remain unchanged, she says, noting many would not want to take risks.

Nonetheless, protein consumption is expected to increase in the fourth quarter, which is the Chinese 'high-season' for the animal protein market - when consumers typically eat more meat during the colder months - with prices tracking higher with this increased demand, she says.

"Lamb imports mainly go towards the food service sector, particularly high-end food service, such as premium hot-pot restaurant chains, while mutton, as a lower-priced protein, is consumed by the mass market in traditional sheepmeatconsuming regions of the country, particularly in northern China," she says.

"We've seen the lockdowns really impact lamb consumption, but mutton consumption has been protected as it has a little bit of a wider market, including food service and retail.

"In the past, banquets played an important role in rural areas and smaller cities. Because of the lockdowns, the banquets have disappeared, and the number of business events and dinners have also declined," she adds. nm



SUPPLY CHAIN

Strong links

Funding released to support horticulture supply chains

A \$15 million, 3.5-year project will look at ways to reduce supply chain risks and minimise produce loss for fruit and vegetable growers, specific to the cultivar produced.

The project is being delivered through Hort Innovation and led by the Department of Agriculture and Fisheries (DAF) Queensland, working in collaboration with other state-based agriculture entities and industry representatives.

Hort Innovation chief executive Brett Fifield says that this funding will help the industry to tackle supply chain disruptions associated with COVID-19.

"It's no secret the past two years have been challenging, with COVID-19 hindering all stages of the supply chain from farm to retail," he says.

"What this project will do is draw on some of the best research talents in the country as well as the knowledge and networks of key industry partners to make the business of getting quality horticultural products to market, domestically and overseas, that little bit easier."

Project work will focus on current and emerging export cultivars of avocado, mango, nectarine, peach, plum, strawberry and vegetables such as asparagus, broccoli, cauliflower, celery and lettuce.

Research and extension specialists will develop and promote cultivar-specific decision aid tools, based on shelf life prediction models, that factor in regional variability, harvest maturity, postharvest treatments and cooling procedures across different modes of transport.

The project will supply food growers with valuable supply chain information

Queensland Agriculture Minister Mark Furner says the decision-aid tools will draw on data from real-time consignment monitoring to inform handling strategies and commercial decisions.

"This research will provide Australian horticulture producers with the skills, confidence and necessary decision support to identify, assess and manage current supply chain risks in the pursuit of delivering more predictable product quality," he says.

DAF has assembled a national team, including research, technical and extension staff from Agriculture Victoria, the Northern Territory Department of Industry, Tourism and Trade and the Department of Primary Industries and Regional Development, Western Australia.

The project has also attracted co-investment from mango grower and marketer Piñata Farms plus AusVeg and Summerfruit Australia through an Agriculture Victoria grant as well as berry and avocado growers through levies.

AusVeg chief executive Michael Coote says the project will provide grower-friendly resources with clear, concise advice confirming pathways for vegetable crops to different markets.

"It complements other vegetable export development initiatives and is an opportunity for growers to secure outcomes as part of a broader industry supply chain improvement approach," he says.

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INTERNATIONAL

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JOHN DEERE

950, 1050, 1130, 1140, 1640, 1750, 2010, 2020, 2030, 2040, 2120, 2130, 2140, 2250, 2450, 2650, 2850, 3010, 3020, 3120, 3130, 3140, 3350, 3640, 3650, 4010, 4020, 4030, 4040, 4050, 4055, 4230, 4240, 4250, 4255, 4430, 4440, 4450, 4455, 4555, 4560, 4620, 4630, 4640, 4650, 4755, 4760, 4840, 4850, 4955, 4960, 5010, 5020, 5310, 5515, 5300, 6030, 6110, 6170R, 6200, 6220, 6300, 6310, 6320, 6330, 6400, 6410, 6620, 6630 Premium. 6810, 6820, 7210, 7330, 7510, 7520, 7600, 7610, 7700, 7800, 7810, 7920, 7930, 8100, 8200, 8285R, 8300, 8310, 8330, 8345RT, 8360RT, 8370RT, 8400, 8400 TRACK, 8410, 8430, 8440, 8450, 8520, 8520T, 8530, 8630, 8640, 8650, 8760, 8770, 8850, 8960, 8970, 9400, 9410R, 9420T, 9430T

NEW HOLLAND

7840, 8430, 8560, 8870, 8970, 9482, 9682, 9860, 9880, 9882, 9482, 9484, G210, G240, L85, L95, T6020, T7030, TG230, TG235, TG255, TG285, TJ375, TJ425, TJ450, TL70, TL90, TM125, TM135, TM195, TN55D, TN95F, TS100, TS100A, TS110A, TS125A, T9060

STEIGER

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Research into proteins and peptides could lead to new bio-pesticides

RESEARCH

Protein **power**

New research centre to assess peptide and protein potential of Australian flora and fauna for potential use as a pesticide

The Australian Research Council (ARC) recently launched the ARC Centre of Excellence for Innovations in Peptide and Protein Science (CIPPS), which it says will position Australia as an international hub for peptide and protein science to drive new Australian industries.

The Centre will assess Australian flora and fauna, to seek out new proteins and peptides (smaller versions of proteins) that might eventually be used for medical treatments and to boost food production.

ARC chief executive officer Judi Zielke says the Centre's research had exciting potential.

"The research at CIPPS offers the prospect of using molecules found in Australian nature for everything from low-cost medical treatments to ecofriendly bio-pesticides for sustainable and profitable food production," she says.

"Previous investment in biomolecular research has already led to a substantial investment, through the Centre's partners, in future clinical trials of a potentially life-saving drug derived from the venom of a funnel web spider.

"CIPPS researchers are also investigating alternative protein sources to feed the world, in partnership with CSIRO and their Future Protein Mission.

"As with all ARC Centres of Excellence, CIPPS will also nurture the next generation of researchers so this great work can continue into the future."

The ARC is providing funding support of \$35 million over seven years under the ARC Centres of Excellence scheme, coupled with an additional \$54 million and in-kind support from national and international partners.

CIPPS is one of nine new ARC Centres of Excellence that were awarded a total of \$308.8 million funding in the agency's 2020 round.

"ARC Centres of Excellence are among of Australia's most prestigious meeting points of expertise, bringing high-quality researchers together and developing our international standing in priority research areas," Zielke says. m

RESEARCH

Deep analysis

Customs personnel and biosecurity officers could analyse plant cells to detect diseases in the field if a new pilot study pays off

A technology used in the diagnosis of cancer and infectious human diseases is being assessed for use in detecting plant diseases - both at Customs and in the paddock.

Portable nano-biosensors are currently used in medicine to assess human cells for diseases and conditions, but there are theories the technology could make the detection of high-risk plant pests and pathogens in the field more efficient.

A new biosecurity innovation pilot funded by the Department of Agriculture, Fisheries and Forestry (DAFF) started testing the viability of this theory in August.

If the technology is proven, researchers hope to develop a handheld prototype that can be used by frontline biosecurity officers, DAFF deputy secretary of biosecurity and compliance Chris Locke says.

"When our biosecurity officers detect suspected high-risk plant pests presently, they send the samples to off-site laboratories, where diagnostic personnel confirm results. It can be a time-consuming, lengthy and costly process,"

"If this technology works, it means our biosecurity officers can take a sample from a suspect plant. Then, using the nano-device, identify the specimen by detecting a pest's or plant's RNA [ribonucleic acid] while still at the airport, port or in the field.

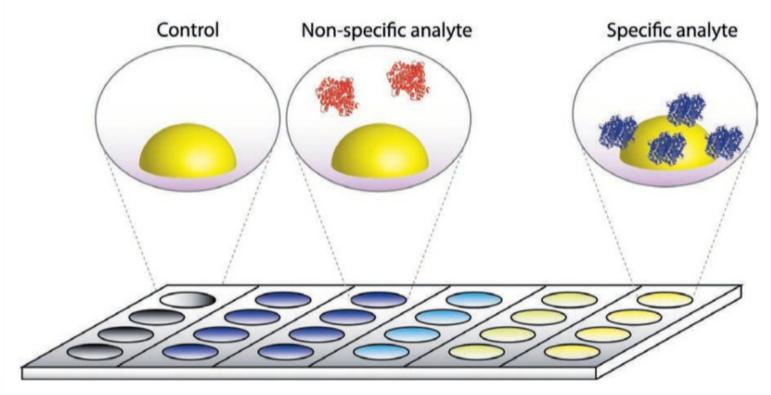
"This technology will significantly help the clearance rate of goods at our border, often held up waiting on test results," he says.

Project research will take place at the department's Plant Innovation Centre at the Post-Entry Quarantine facility in Melbourne, while complementary research will also take place at the NanoBiotechnology Research Laboratory at RMIT University, also in Melbourne.

A second project will investigate the use of nano-fabricated microneedles - used to extract cell contents - in conjunction with the biosensors.

The microneedle research component will be conducted by the University of Southern Queensland.

> The aim of the research is to develop a nano bio-sensor to identify plant diseases





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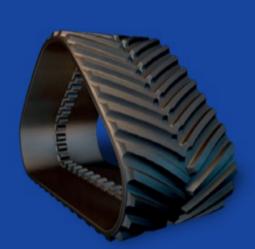




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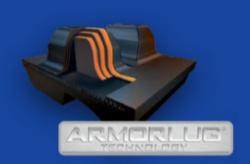
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wheel drive, 3 cylinder diesel, approx. 32 horsepower, original & excellent. 7090. MASSEY FERGUSON 35 TRACTOR 3 CYLINDER DIESEL (08) 8323 8795 tractor, 2







DAEDONG DK901C THACTOR (08) 8323 8795 4 x 4, approximately 5,400 hours arowing, it conditioned cab, 4 cylinder turb oldesel, Front End Loader, torks & bucket, serial no: FC3400067, 3 point linkage, 90 horsepower approximately, has bucket, serial no: FC3400067, 3 point linkage, 90 horsepower approximately, has been through workshop, new seat, ect, ready to go. 7078. TA1128412.



JOHN DEERE 6310 TRACTOR John Deere 6310 Tractor, 4 wheel drive, with John Deere Self Levelling Loader, 4.1 bucket, hay forks, 3 point linkage, air conditioning, cab has been replaced, 6.000 hours approximately, new front fyres, real tyres 70% no cracks, approximately 9 horsepower, magnificent all round, best you will find no cracks. Approximately 9 horsepower, magnificent all round, best you will find the crack of the condition of the condition



front end loader double acting all round, 6 cylinder diesel, serial no: M503010059, 225mm general purpose bucket, P10 hydraulics, 3 point linkage, 8,102 hours approximately, with creepre geners, has been through workshop, ready to go, excellent unit, 7098, TA1136436. (UBOTA M5030 TRACTOR, FRONT END LOADER (08) 8323 8795 2 Wheel drive



wrightstractors@bigpond.com. 7102. TA1138708. \$7,400 INCL GST Rotary Hoe, Heavy Duty, on 2nd set of blades "SY AA DISWOH GETS 8333 8795 HOWRI'D AND HOW AND HOW HOW HOLD HOUSE HOUR HOLD HOUSE HOUSE HOUR HOLD HOUSE HOUSE



width, 3 point linkage, PTO driven, spikes X16, rollers, LED tail lights, lifting points. 6798. TA1041056. WIEDENMANN TERRA SPIKE XP8 DEEP AERATOR ATTACHMENT 2mtr working



transmission, 3 point linkage, 110 horsepower approximately, 6 cylinder, tyres excellent no cracks on rear or perish, front tyres good, new battery, great boat tower, etc, goes well, as traded, as is. 7103. TA1139855. \$9,990 INCL GST tower, etc., goes well, as traded, as is. 7103. CASE 1690 TRACTOR, 4 WHEEL ASSIST (08) 8323 8795 4 wheel assist, manual



wheel drive, Front End Loader, ROPS & roof, 91 horsepower approximately, PTO, with front weight frame (no weights), approx. 1,900 hours indicated, 3 point linkage. 7089. Te133372. JOHN DEERE 5525 FWA TRACTOR (08) 8323 8795 year approx. 2005-2008,



KUBOTA KO08-3 MINI EXCAVATOR (08) 8323 8795 year approx. 2015, serial no: 40940, engline no: 4EWB999, troduct debrification no: JKUKO081JO1140940, 1,800 pours approximately, 4 cylinder diesel, 2x buckets: 460mm GP, 900mm tilting mud bucket, ripper, SWL65kg, fold down roll frame, hydraulic track adjustment, mer not track adjustment, and track and track adjustment on the series of the series o



MASSEY FERGUSON 148 TRACTOR (PH: 08-8323 8795) 2 wheel drive, 8 speed, roll frame & roof, 45 horsepower approximately, as new tyres all round, mechanically excellent, ready to go. 6899. TATO71758. \$13,850 INCL GST excellent, ready to go. 6899.



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HOWARD ROLLER MOWER WRIGHTS TRACTORS PHONE 08 8323 8795 Howard Roller (Mower, Spt.) 3 Spindles, with blades, front & rear rollers, late model 2 OF

Richard - 0419 820318 Wrightstractors@bigpond.com. 5790. TA627867.

9678 ESE8 80 - ndol



DITCH WITCH 8020 CHAIN TRENCHER (PH: 08-8323 8795) 4 cylinder diesel, serial no: 5J0190, approximately, 1,500 hours showing, fifted with back fill blade, auxiliary hydraulics, counter weights, open cabin, pneumatic tyres, ROPS, 80 horespower approximately, John Deere motor, 4 wheel steer, front cable reel holder, ready to work. 6727. TA1017219.



linkage, hydraulic drive, with controls, to be serviced. 6877. TA1059344. BONNE SWEEPER/ROAD BROOM HYDRAULIC DRIVE WITH CONTROLS 3 point



approximately 53 horsepower, quick release front end loader with bucket, approximately 4,500 hours, clam shell grape bucket included in price, new tyres all round, with Fabro Weld Undervine Weeder. 7063. TAT121633. \$36,950 CASE IH 495 TRACTOR (08) 8323 8795 tractor, 2





MASSEY FERGUSON 35X DIESEL TRACTOR (08) 8323 8795 3 cylinder diesel, 2 wheel drive, Front End Loader, forks & bucket, 40 horsepower approximately, very good machine, as traded. 7082. TAT129838. \$12,500 INCL 6ST



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HOWARD ARGO" ROTARY HOE Howard ARGO" Rotary Hoe, 3 point linkage, ex Govt,





NEW HOLLAND 16030 TRACTOR (08) 8323 8795 4 wheel drive, year 2011 approximately, 3 point linkage, serial no: ZBBD1117, six spline PTO, enclosed air conditioned cab, approximately 9.772 hours indicated, 6 cylinder, ex Council, 115 horespower approximately, weight frame (no weights), tyres 70%, extremely weil maintained inside & out 7105. TA1140117.



drive, diesel, cab, front weights, approximately 7,600 hours indicated, original Perkins V8 motor, year approx. 1978, original condition, 150 horsepower approximately, 6968. TA1093985. MASSEY FERGUSON 1155 2 WHEEL DRIVE TRACTOR (PH: 08-8323 8795) 2 Wheel



MASSEY FERGUSON 240 TRACTOR (PH; 08-8323 8795) 2 wheel drive, new tyres all round, extra hydraulic pump, power sfeering, 45 horsepower approximately, new roof, 6893. TATO70342.



KUBOTA M90 TRACTOR (08-8323 8795) 4 wheel drive, sir conditioned cab, approximately 90 horsepower, good condition, ready to go. 7046. TA1116944.



INTERNATIONAL 444 TRACTOR WITH FRONT END LOADER (08) 8323 8795 2 wheel drive, front, end loader, double acting, tyres excellent, 7083. IA131026.
\$19,850 INCL 6ST



MASSEY FERGUSON 240 TRACTOR WITH FRONT MOUNT FORKLIFT (PH: 08-8323 8795) fractor with front mounted forklift, 2 wheel drive, 3 point linkage, power steering, tyres excellent all round, 45 horsepower approximately, mechanically good, been through workshop & ready to go. 6922. TATO76997. \$17,850 INCL GST



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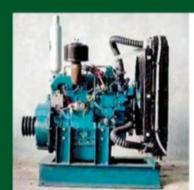
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With 28 hp, 4 cylinder diesel power pack New radiator, muffler, hoses, filters, 35mm keyed shaft.

PM045-072-03.

DPLIn27547.

\$3,985

KUBOTA V1200



ISEKI 10" PUMP New. 3 cylinder, 40 hp Isuzu diesel. 27480. DPLIn27480. \$7,990 + GST



VARIOUS ELECTRIC PUMPS SINGLE + 3 PHASE elecpu9582. TA206433. \$4,260 4260



CUMMINS 66 KVA 6 cylinder diesel generator. S19. DPLIn27568. \$13,387



KUBOTA SOUTHERN CROSS HELICAL PUMP Kubota - Southern Cross Helical Rotor pump. From \$4,950. Vel SSS420. TA226460. \$5,850 + GST



PONTOON PUMP ELECTRIC Pontoon with electric pump. xzdef19652. TA206427. \$14,910



SOUTHERN CROSS 100X65-315 PUMP SET with Nissan QD32 (65hp), skid fuel tank, oil-temp, hi/lo timer watchdog and fork lift roof. Vel67912. TA11060. \$13,750



PISTON PUMP XF404 With DEK 4.7 hp diesel, 4,000 litres per hour 60 metre head. S24. DPLIn27531. \$3,300









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LG946L 13,130 kg | 173 hp











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REBEL EQUIPMENT 5M X 2.4M Hay trailer, 4500kg GVM. S29. TA1125373.



REBEL EQUIPMENT. 15 bale accumulator. S30. TA1130790. POA



REBEL EQUIPMENT. 10 bale grab. S28. TA1125372. POA



REBEL EQUIPMENT. 15 bale heavy duty tetehandler grabs. S26. **POA**



REBEL EQUIPMENT. 15 bale grab with side shift. S27. TA1125371.



REBEL EQUIPMENT. 15 bale Tautliner grab. S25. TA1125369.



STOCKMASTER 4M X 2M with crate. S1. TA1125366. **POA**



REBEL EQUIPMENT 4M X 2M 3500kg GVM. S24. TA1125368. **POA**



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PARTNERS IN MACHINERY



CASE IH MAGNUM 215 2008, FWA/4WD, Cab - Tractor only, Hours: 9334, HP 215, VIN/Serial #: Z7R05604, Front Tyre Size: 480/70R34 Front Tyre %: 30, Rear Tyre Size: 480/80R50 Rear Tyre %: 20. F26.J7. Tal123832 \$82.500



CASE IH CVX120 2004, FWA/4WD, Cab-Tractor/loader, Hours: 5556, Vario Transmission 40k, Front axle & Cab Suspension. Electric remotes, Challenge 4121 Front end loader with 3rd function. DBD0082640. TA1099097. \$69,000



CASE IH PUMA 165 2010, CVT Cab Tractor, 6055 Hours, hp 165 + Boost, 16.9R30 Front Tyres 80%, 20.8R42 Rear Tyres 80%. Workshop Checked and ready for work. ZABH50502. TA1130839. \$105,000



CASE IH MAXXUM 125 ULT MULTICONTROLLER 2009, ULT MULTICONTROLLER, FWA/4WD, Hours: 8000, HP 125, good tyres, been through workshop. 78BE54898. TA1134467. \$62,700



CASE IH MAXXUM 130 CVT 2014, Hours: 6300, front end loader, tidy all-round, workshop inspected, located Trafalgar. Call Ron Hampton 0412 544077. 90819-F. TA1134702. \$89,900



NEW HOLLAND T5.105 2014, Hours: 3100, HP 105, front end loader bucket and forks. ZDJJ20537.



NEW HOLLAND T8.380 Auto Command 2016, FWA/4WD, Cab - Tractor only, VIN/Serial #: ZERE10063, Fully w/shop checked. New crate engine with approx 2000hrs. Contact Andrew 0408 368 326.



CASE IH MAXXUM 130 CVT 2014, 2014 CASE IH: Maxxum 130CVT, Hours: 6300, front end loader, tidy all-round, workshop inspected located Trafalgar Call Ron Hampton 0412 544077. 90819-F. TA1134702. \$89,900



AITCHISON AIR PRO 4.8 Air Seeder, 4.8metre air seeder, available now. Located Maffra, contact Brent Barker 0456332882. Ra023480. TA1130281. \$78,000



MASSEY FERGUSON 135 1960, : 135, 2WD, Hours: 3734, HP 135, VIN/Serial #: 89849, Front Tyre Size: 6.00-16 Front Tyre %: 30 Rear Tyre Size: 14.9-24 Rear Tyre %: 60.. 89849. TA1140257. \$7,700



KUHN HR4002 D Power Harrows, 4m width with packer roller. Located Longford Call Trevor on Moblie: 0457 648 041. 9624443. TA1127229. \$9,900



JAYLOR 4575 2008, Bale Wagon/Feedout, Cab-Tractor/implements, VIN/Serial #: T145507558B. T145507558B. TA1091061. \$27,500



 CASE IH 528
 2000, Round Baler. Located Trafalgar

 Call Andrew Noonan 0412
 610903. WD001483.

 TA1115043.
 \$16,500



CLAAS VARIANT 385 2012, RC, Round Baler 18000 bales. Located Trafalgar. Call Andrew Noonan 0412 610903. 75203404. TA1115030. \$27,500



KUHN VB2190 Round Baler, netwrap, 22000 bales located Tasmania call Tas Mundy 0400 077953. VGRL001969. TA1077060. \$28,000



 KRONE
 COMPRIMA
 V150
 XC
 2018, Round
 Baler,

 Bales:
 4500, net wrap, like new. Located
 Trafalgar.

 Call
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 Hampton
 0412
 544077.

 WMKRP701S20988463.
 TA1115854.
 \$59,500



VICON RV2160 2008, Round Baler/Wrapper bale Pack Bales: 55000. Located Trafalgar. Contact Andrew Noonan 0412 610903. VGRW000382. TA1115035. \$38,900



NEW HOLLAND 650 baler, Round Baler, netwrap. Located Tasmania. Call Simon Maloney 0419 348023. 910943. TA1077051. \$12,000



KUHN HRB303 D 2016, Power Harrows, VIN/Serial #: E1246. Near New Blades. Levelling Bar. Crumble Roller. E1246. TA1137239. \$14,300



case IH DCX131 2003, Mower conditioner 4m steel rollers with travel buggy in working conditioning As Is. Located Tasmania. Call Tas Mundy 0400 077953. NCA0096353. TA1077189. \$17,600

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HORWOOD BAGSHAW SCARIBAR DF PSS Horwood PSS / Flex coil 5560 12m PSS Horwood Bagshaw Bar, 300ml row spacings, double shoot, 3 metre centres.

New Flexicoil Bin, done one season, 3 bin 20,000L capacity, 3m centres, elevator to fill. ISO control, eletric drive, section control, light kit cameras..

\$389,000



KUBOTA M135GX M135GX, Serial #51225, 5,077 Hours, 600/65R38 Rear Tyres 60%, 480/65R24 Front Tyres 40%, LA2254 Kubota Loader Euro Hitch with 4in1 Bucket, Hay Forks and Pallet Forks, Rear LED Lightbars and LED Lig.... TA1135145.



FLEXI COIL PD5700/3850 PD5700/3850 2012, 2012 Flexicoil PD 5700 Parallellogram Precision Hoe Drill 60' (18.3mt) Width in 5 sections 12" spacings on 3 ranks, 5.6mt transport width 60 row units - Double shoot opener, Smooth profile packing wheel, individual depth control and fully adjustable breakout (275-55lb) from the cab seat Seeder is matched up with a Flexicoil 3850 tow behind Air Cart 3 bin 380bu Capacity (13,400lt) Split in litres 4,150/3,300/5950 Flexcontrol IV 254mm (10") Load/unload auger.



MACDON R85 2016, , 2016yr, R85 16ft mower conditioner, hydraulic drive, steel intermeshing conditioner rollers, forming shields, skids, tidy order shedded. TA1078448.



HIGHLINE NT78 2022, new 2022 Highline NT78 rockpicker , hydraulic drive, 2mt picking width, 2.5CMT bucket,. TA1140043.



BOGBALLE M2 PLUS 2015 Bogballe M2Plus 3PL Spreader, PTO Drive Spinners, Manual Fold Hopper Cover. TA1137769. \$13,200



AMAZONE ULTRA 4200 ZA-M ultra Amatron + controller, weigh scales, tarp., 36mt vanes.. TA1140477.



BOGBALLE M3 PLUS linkage 2003, Bogballe M3 Spreader, 2003 model 3pl spreader, 4000lt homemade extension, Hopper cover, Calibrator icon controller, Mudguards, Lights 540pto, 9TW Vanes (up to 36M Urea Spread)



FIAT 550 Fiat 550 1978, 1978 Fiat 550 2WD. Open Frame Tractor. 55 HP. 8 Speed Syncro. Orange & Blue Series (Mfg. Italy) VIN: 517888, E/N 854*102, 18.4-28 Rears (40%) & 750.16 Front (40%) 7025 Hours, Cat. II 3PL & 1 x Remote Coupling, Ground & Eng. Drive PTO, Starts & Runs well, Good Condition for age, Seat OK, New Battery Fitted.. TA1137800. \$9,900



INTERSALES UNKNOWN 2021, 3 and 4 axle header trailers.Combine windrower or dual purpose, rubber torsion axles, guards, lights, flashing light, 2 storage grates , ball race turntable, 40mm ring feeder.. TA458044.



MACDON R116 2017, 2017 Macdon R116 mower conditioner PTO Pull type Rubber rollers tidy new blades. TA1108648.



















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NEW HOLLAND T9.645

c/w factory hyd Auto Steer, Intelliview 4 Display, 372 receiver, duals, 4 rear remotes, excellent condition. (on behalf of client). OBC97.

\$495,000



HARDI NAVIGATOR 5036

coming in... 5000Lt, 36m, c/w Aluminium boom, 364 pump, good condition.. 51185. TA1145275.

\$60,500



FLEXI COIL ST820

60ft, 12" spacings, c/w Agmaster boots/points, presswheels, double sowing kit, good condition. (Coming in). 51177. TA1141627.





K-LINE 2975 SPEEDTILLER

7.5m wide, 2012 model, c/w extra set of shark tooth rollers, good condition. OBC89. TA1131159. \$90,750



CASE IH 4430 PATRIOT

(coming in...) 4200L, 30m boom, c/w Aim Command, RTK auto pilot, PR0700, 380/80R46 tyres, 2014 model, good condition. 51148/.

\$297,000



MORRIS CONCEPT 2000

52ft, 10" spacing, single shoot c/w hyd tynes, Liquid system, Manutec Gang Presswheels, Atom jet points. 51183. TA1141625.

\$66,000

Brad Page 0428 833 193 • David Cliff 0427 859 960 • Lynton Smart 0427 859 967 • Tim Harper 0429 578 881

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KUHN FC3525DF-FF 2020, front linkage mower conditioner hammer flail conditioning, 8 disc 3.5 mtr working width. Little use, upgrade to roller system.



KEMPER 460S Maize front. Fits Claas Jaquar. Good condition. HC1976. TA1038842.



CLAA5

TAEGE AS600 Tyne drill 6mtr working width. B27.



CLAAS ARION 620CIS 2015, 24 x 24 speed F & R shuttle, 4 Speed PTO, 3 remotes. A3603942.



SEEDHAWK SH 915 2009, seeder bar SH915, 35ft sowing widthm 40 openers @ 10" spacing, 9mtr working width, unit in good condition, older bar but current model layout. HC2233. TA1126589. \$99,000



KUHN FC 4060 TCL trailing mower conditioner, finger flail conditioning, 4 metre working width, 9 disc centre pull, rear spreader kit. HC2186. TA1133367



DONDER CGSA (PRO) X-Large 3000 pro spreader Cover, camera, 150 hp minimum required. Manual



LELY HIBISCUS 915 CD twin rotor rake complete with steering axle, 9 metre working width, hydraulic width adjustment. HW577. TA1139706.



WELGER RP545 4 x 6, net rotor cut. Serviced ready to go. 1763.50.453. TA998754. \$45,000



MCHALE FUSION VARIO 3 combi wrapper, only 8500 bales, 2 seasons old. HC2160. TA1101894. \$170,500



KUHN FC 3560 TLD mower conditioner, steel flail, 8 disc. HC2009, TA1104053. \$36,300



SULKY DPX 28 2013, linkage spreader, 3000lt capacity, hydraulic mechanical control, very good condition, sold as traded. B30. TA1127790. \$7,700



JOHN DEERE PLANTER 1770 Precision planter, JOHN DEERE PLANIER 1/70 House discs. 3.5m isobus, section control, front coulter discs. 3.5m \$58,000



BOGBALLE M2 2004, linkage spreader, 2500 litre, cover, manual control, good condition. B32. TA1132473. \$7,700

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CASE IH STEIGER 500 tractor first used in 2020, CVT transmission, 800/ 70R38 duals, fitted with Pro 700 & Navigation controller, 550 engine hours, suit new buyer OBHC. S289. TA1145370.



HORWOOD BAGSHAW SCARIBAR 2012, 81 tynes on 8.75 17.75 metres, Sharman Press Wheels, Agmaster NT11 s/shoot boots, 2012 Horwood Bagshaw 14000 litre quad style hopper, 2 bins, X20 controller with electric variable rate drive, loading auger OBHC. S290. TA1145371. \$275,000 \$275,000



HARDI COMMANDER 7000 2010, 36 metre Force boom, 6 section, triplet nozzle bodies, in line filters, 5500 controller with Jobcom, tank gauge, Granni pot, 480/80R46 tyres with mudguards on 3 metre track, petrol driven fill pump. S291. \$60,500



CASE IH LB433R 2009, first used in 2011, 33,300 bales,4x3, rotor cutter, single axle, bale skis, one owner, good condition. S292. TA1145373.

HAY	
KUHN FC4060TCR mower conditioner, 2016 build, 4 metre cut, Squareflex rollers	\$38,500
Kuhn FC4060TCR Mower Conditioner, 2017 build, 4m (13') cut, Square Flex Rubber Rollers, excellent condition	\$49,500
Kuhn FC4060TCS mower conditioner, 2017 build, 4m cut, steel on steel rollers	\$40,700
Vicon RV2160 round baler, 2008 build,	

up to 5' bales net wrap, approx. 23,000 bales**\$24,200**

SPRAYERS & SPREADERS
Hardi 5036 Commander S sprayer, 5000 litre tank, 36 m Force boom, Trimble Field IQ control, Quickmix hopper, 540 PTO 363 pump, 4 sections, directional filtered fill, 18.4 x 38 tyres with mudguards\$24,200
Hardi Navigator 5000 litre with 30 metre boom, X20 controller with 5500 interface , 4 sections, 363 diaphragm pump, granni po, 18.4 x 38 tyres
Croplands Stallion, 4000 litre, 28m boom, Microtrak controller, 3 section, 540 PTO pump,
Vicon RS-XL 3 point linkage fertiliser spreader, 3000 litre, hopper cover with auto rate controller

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AFM Cultivator, 36', 7" spacings, Coil Harrows\$7,700

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MASSEY FERGUSON 9560 Class 8, In excellent condition. One owner. Fronts available. Will be workshop serviced. S46. TA1137962. POA



KRONE COMPRIMA CV 150 XC

150 XC combination round baler wrapper, one owner, low bale count. In excellent condition. S45.

POA

COMBINES	
MASSEY FERGUSON 9560 CLASS 8 COMBINE one owner choice of two excellent ondition with fronts and workshop serviced	DOA
SPRAYERS	PUA
OLDACRES 3000 LT SPECIAL 21 MT BOOM RAVEN CONTROLLER	P0A
ROPLANDS 3000 LT PINTO 2 18 MT BOOM SET UP FOR TOPCON CONTROLLER	P0A
SPREADERS	
ICON ROXL ISO EDW 3900 LT HOPPER 36 MT SPREAD AUTO WEIGHT APPLICATION	P0A
MOWER CONDITIONER MASSEY FERGUSON 1383 4 MT STEEL ROLLERS CENTRE SWING	COMING IN
MASSEY FERGUSON 1345 12 FT STEEL ROLLERS CENTRE SWING	
AARUP 4232 3.2 mtr roller conditioner	
UHN 350G 3.5 MTR steel flail conditioner, swivel hitch	
AARUP 4036 3.5 MTR flail mower conditioner one owner	
AARUP 307 3.2 MTR flail mower conditioner	
MOWERS	
AARUP 2832F 3.2MT FRONT MOUNT DISC MOWER late model	P0A
LAAS 260 DISCO disc mower going through workshop	P0A
ROUND BALER	
RONE COMPRINA CV 150 XC baler wrapper combo one owner low bales excellent condition	
ICON 1601 5X4 ROTOR FEED NET	
ICHALE V640 5X4 ROTOR FEED one owner baler going through workshop	
VELGER 520 6X4 ROTOR FEED AND KNIVES GOOD BALER	
ASE 528 5X4 rotor feed net wrap and knives	P0A
ASE 628 6X4 rotor feed net wrap	
OHN DEERE 535 6X5 baler has net	
LAAS 280 6x4 roto feed string and net	
LAAS 280, 6x4 roto cut, string and net	
RASSLANDS, 6x4 Silage Baler, wide pick up	
D 590, 6x4 Round Baler, going through workshop	
SILAGE WRAPPER	
ACHALE 991 BE side load with electronic auto control and side tip off function	P0A
HAY RAKES IASSEY FERGUSON RK 3880 10MT twin rotor rotary rake	ΡΩΔ
ENDORE 6500 6.5 twin rotor rotary rake	
UHN GA 7301 7.5 mt twin rotor rotary rake	
TUHN 5.8 mt twin rotor rotary hay rake	P0A
SQUARE BALERS	
MASSEY FERGUSON 2270 XDTC 3X4 rotor cut tandem axle one owner	
ASSEY FERGUSON 2170 3x4 rotor cutter tandem axle	
IEW HOLLAND 1210 3x4 Square Bale	
MF 185 3x3 Square Baler	
ASE 8580, 4x4 Square Baler	
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MASSEY FERGUSON 7614 140 HP AUTO STEER one owner excellent MASE MX 210 212 HP LOW HOURS LINKAGE AND DUALS	
MASSEY FERGUSON 8260 210 HP A/C CAB FRONT END LOADER	
ASE MXM 190 190HP FWA A/C CAB FRONT END LOADER	
MASSEY FERGUSON 5465 110 H.P. FWA A/C CAB one owner tractor	P0A
MASSEY FERGUSON 6445 90 HP A/C Cab One owner tractor in excellent condition	
ASE MXM 175 177 HP FWA POWERSHIFT one owner	
IASSEY FERGUSON 6265 105hp FWA A/C Cab Burder Loader	
IF390 65HP LOADER 4WD SHULLE SHILL IEUTZ AGROTRON 90 MK3 90HP FWA A/C cab and F.E.Loader	
NF590 80HP, A/C cab, engine rebuilt	
SEKI SX 75 A/C cab, FWA, linkage one owner	
MF 394-4 Orchard Tractor, 80HP, Konig A/C cab	
NTER 484 ROPS frame, 2WD, remotes	
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CASE IH 8120 Max 462HP Iveco 10.3 litre Fuel 1050 litres 12330 litre grain tank 4000 Engine hours 3000 Separator hours Chopper 900/60R32 Drive tyres 600/65R28 Steer. 102775. \$187,000



HARDI COMMANDER 5030 V **FTZ Force Boom** HC5500 Spray II Controller Hydraulic Wing Tilt 4 Section EVC Fluid System 60 Litre Chemical Hopper. 102758. TA1117895. \$27,500



2016, 6100 Litre Tank 5 section 135' 41.15 Truss Boom Swath Ready 3 Sensor Auto Height 2" Bango Fill Pump Sotera Electric Chem Transfer Pump 70L Granular Mixing Tank Fitted with Topcon X35 Steering System(Autonomous Only). 102794. TA1141281. \$352,000

MILLER NITRO 6333



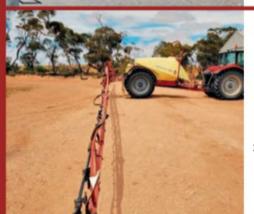
HARDI 7036 COMMANDER 2009, Force FTZ Boom Upgrade 464 pump 6 section EFC fluid system Filtered fresh water fill **HC5500** controller 60 litre chemical hopper. 102779. TA1129553. \$55,000



GLEANER R75 W/40' MACDON FLEX DRAPER 2005, Cumins 6 cyl 330hp Eng Hours 3267, Sep Hours 2750 4 Speed Transmission Straw Spreader 14" Auger, Cyclon Chaff Spreader 40'Macdon 974 Flex Draper - 2005 Model W/- Comb Trailer. 102744/102745 TA1141289. \$148,500



SIMPLICITY 304 TERRITORY PLANTER AND 30 SERIES 12m 53 tyres, 230mm spacings Fitted with WS-80 root boot points 2021 Simplicity 30 series tow between 2 bin air cart X35 control 10' auger 5000l liquid tow behind cart Liquid system control. 102746-102747. TA1126262. \$539,000



HARDI NAVIGATOR 4030 2011, SPC Eagle Boom HC5500 Spray II Controller 4 section EFC Fluid System **60 Litre Chemical Hopper** 520x85R42 Tyres 363 Pump. 102762. TA1117892. \$44,000



2009, 8'9" x 3'9" x 2'9" Bale Tyres 700/50-22 on single axle Gazeeka moisture meter **GTA Control** 41287 Bales NOT a contractors machine Workshop serviced. 102752. \$71,500

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NEW HOLLAND TSA125 New Holland TSA125, 7378 hours, Fwa, 3 sets of remotes, cab suspension, 520/70R38 rear tyres 50%, 420/70r28 40% At our Echuca dealership 0354822788. S521. TA1142322.



NEW HOLLAND BB1290 PLUS STANDARD PACKER FEEDER 8x3x4, done 20,460 bales, moisture meter, weigh scales, camera, going through workshop. At our ECHUCA Dealership 0354822788. S490. TA1099744

NEW HOLLAND 313 MOWER CONDITIONER 4m Cutting Width, Rubber Rollers. S517. TA1141784.



NEW HOLLAND BR7070 SUPERFEED Superfeed round baler, up to 6 foot capacity, 26,636 bales, been through workshop, neat baler. At our Cobram Dealership, contact Mario on 0438389916. S506. TA1118181.



CLAAS LINER 2600 Class Twin Rotor Rake with Hydraulic Width Adjustment. S516. TA1141783.



HARDI NAVIGATOR 6000 36 mt boom, 2017 build, hyd drive, chemical mixer, 7 section, wing tilt & fence line nozzles, ECHUCA DEALERSHIP 0354822788. S511.



NEW HOLLAND BC5070 Small square baler, going through workshop, well looked after baler, at our Echuca dealership ring 0354822788. S498. TA1113308.



MORRIS C2 CONTOUR DRILL 70 FT Morris C2, 70ft, 10" spacings, single shoot air package, tyres sound, 5 section, new boots last season. At our Echuca Dealership 0354822788. S520. TA1142271.

For our full list of available equipment please visit: http://echuca-rural.tradefarmmachinery.com.au/ WEBSITE UPDATED DAILY http://www.echucarural.com.au



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TradeFarmMachinery.com.au and
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RAY MASSARO **0417 887 718** LUKE MASSARO **0448 024 461**

www.massaromotors.com.au



VICON RV2160 2008, Low 29000 Bales Bale Wrapper combination Wide pickup. S615. TA1134225. \$44,000



HIMAC GRAPPLE 2022, Himac Skid hitch Power rake double Grapple 2400mm wide. S617. TA1134227. \$10,990



DEUTZ-FAHR AGROFARM 420 90Hp cab Level lift loader 3rd function with soft ride. S630. TA1142058. \$59,990



KUHN MOWER GMA2400 Just in ready to go Very good condition 2.4mtr cut. S632. TA1142063. \$9,990



KUBOTA MX5100HD

Very low Hours
3 range hydrostatic

Front end loader. S635. TA1143669.
\$37,990



FORD 6600 Good tidy forklift Extremely strong machine Dalmore forklift. S590. TA1120455. \$27,990



WILLIE'S
MANUFACTURING
ELITE
3pl feeder
Strong robust design.
S517. TA1099355.
\$9,990



Very good condition 3 tonne forklift Container mast. S633. TA1142066. \$24,990

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Golder

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CROSSFIRE 400GT 23 HP engine with electronic fuel injection and liquid cooling capacity is 352cc, automatic CVT shaft driven automatic CVT shaft driver transmission, on demand 4WD, driven NSW. DIY1130342. 02 8783 8411.



MASSEY FERGUSON MF4709 2022 Almost brand new - 90HP Massey Ferguson MASSEY FERGUSON MF4709 with 1.8m 4-in-1 bucket., n/a. NSW. DIY1145058. 0431 460 031 \$89,900 ONO



CASE IH MAXXUM 110 2009, 2,503 hrs, genuine well kept tractor 540/750/1000 pto speed, electric diff lock, electric 4wd, panoramic roof, cab suspension, air seat, buddy seat, eft hand reverser, 3 scv remotes, lectric hydraulics, etc. GST to be added on final sale price. Price is negotiable. Transport can be arranged at extra cost, n/a. WA. DIY1143553. 0467 082 772.

\$93,500 incl GST



MASSEY FERGUSON 1375 pivot mower conditioner. Always shedded, 16ft rotary disc cutterbar with heavy duty driveline, steel on steel conditioner for thick crops, centre pivot pull to enable left or right cutting (back and forth as well as round track), pulls back in behind for transport, swivel hitch (3PL) hookup for tighter turns. Very smart example which has done very little work as Im sure you can tell. Price is plus GST (invoice supplied). Collection West Pinjarra. Can load onto your transport, N/A. WA. DIY1143554. 0467 082 772.



TORO GROUNDSMASTER 360 2020 quad-steer, 4WD mower with 72 V1505 1J994-55000. DIY1143689. 0414 489 589.

\$40,500 Inc GST



MAJOR MJ71-340F swift series finishing mower. SWIFT SERIES FINISHING MOWER, 3.4m wide cut. 3 point linkage. Near new. Located Albury NSW, O. NSW. DIY1142860. 0407 416 852.



STEELE STEEL . 2012, grouper seeder fertilizer bin. 5.4mtr, 50/50 split, approx. 20 m3, GX630 Honda winch, el. NSW. manual tarp, roll Steele Steel. DIY1143808 \$27,500 0427 566 639.



KUBOTA M7500DT 1984, 81HP, 4900 hours, Rollmasta AC cab, power steering, 3pl, draw bar, recently serviced, serial No 51628 51628. DIY1143565 0411 494 450.

\$11,500 Inc GST ONO



REDBACK WEEDWIPER 4.8M 2021 near new, Call if interested. NSW DIY1142689. 0419 585 963.



DAVID BROWN 990 TRACTOR 2 WHEEL DRIVE , IQI738. VIC. DIY1136311. 0418 108 807. \$10,500

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AUSTRALIA'S #1

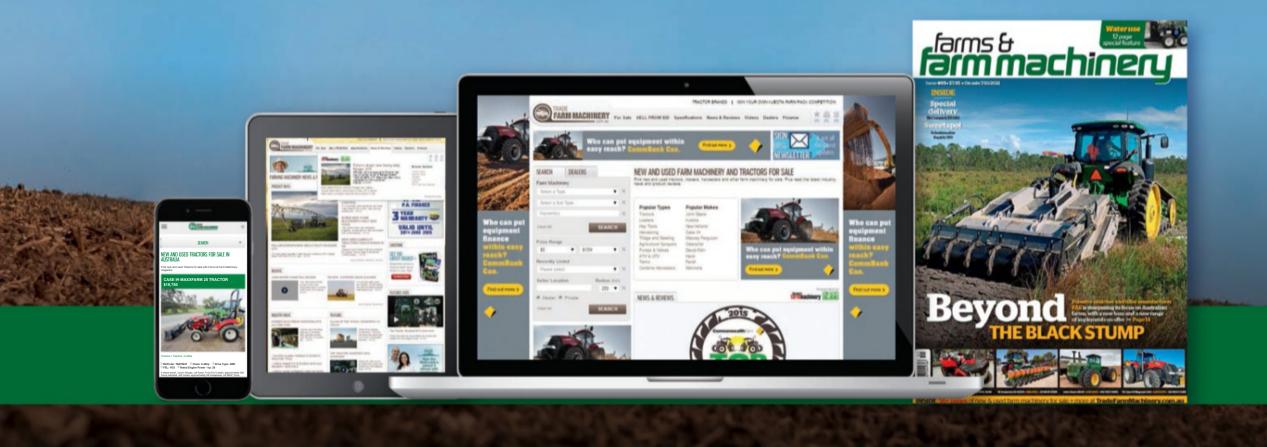
FARM MACHINERY MARKETPLACE*

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More than 32,350 tractors, spreaders, harvesters, hay tools, feeders, sprayers, trailers, and attachments, and other parts and accessories currently listed for sale

SELL

Unlimited
stock listings on
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for just
\$360 per month



HODEALS

2004 Morris Contour

Width: 40. Spacing: 12". Shoot: double shoot.

Scan the QR Code with your phone camera to find out more about these Hot Deals!





2009 Bourgault 5710-70

Air hoe drill - 70' @ 10" spacing dual shoot - HVB tynes - maxi point tillage parts.



640D with muka steel comb traile, JD 2630 screen with SF3000 receiver.

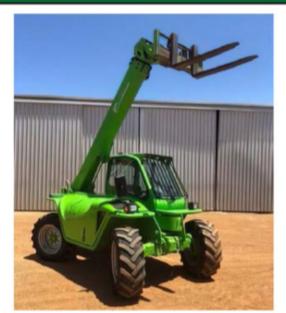


2011 John Deere 872GP

Motor grader, 8750 hours, cab w A/C, 14' blade, 17.5R25 tyres, rear ripper assembly.



PTO drive speed 540, bale width 1200 mm, max bale diameter 1800 mm, rear tyre cond 60%. External colour: orange.



2012 Merlo P34.7 Plus

100Hp Deutz engine, pallet forks & 1.0 cubic meter general purpose bucket, 40km/h 2 speed hydrostatic transmission, 3.4t on lift capacity 7meter boom, 405/70-24 Mitas tyres 60%.



Just \$275,000!

Just

\$22,000!

Scan to view:

or call

08 6336 7782

Just

\$220,000!

Scan to view:

or call

08 6336 7782

Just

\$27,500!

Scan to view:

or call

08 6336 7782

Scan to view:



or call 08 6336 7782

2015 Rogator R 1300B

SP Sprayer - 120' boom @ 20" spacings. Raven Viper Pro 4. Triple X nozzle bodies. 60L scud tank, 800L fresh water tank, 6000L solution tank.



2016 Kuhn FC3560TCR

Location - Boyup Brook, WA.

Scan to view:

Just

\$82,500!



or call 0863367782

Just

Scan to view:

\$209,000!



or call 08 6336 7782

Just

Scan to view:

\$93,500!



or call 08 6336 7782



Scan to view:



or call 0863367782



Just \$605,000!

Scan to view:



or call 08 6336 7782



2M DBS, 300mm spacing, 5 run dual shoot air kit, stiletto split boot, liquid kit, moose Industries hydraulic coulter, matched with 2017 Morris TBH 9550ICT with 5000L liquid.



2017 John Deere L340



DEALS



or call 08 6336 7782

Features: auto greaser, good tyres, led lights, tandom axle.



2018 John Deere 560R Baler. Mega wide pickup, 540 PTO.

Just \$85,000!

Scan to view:



or call 08 6336 7782



Just \$209,000!

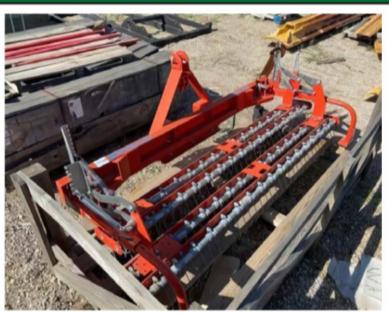
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or call 08 6336 7782

2019 John Deere 1910

Air cart, TBH 430 BU, 520/85R42 duals, single fan, 8 run dual shoot with section control, camera in bins, green, black and yellow meter rollers. New auger 2022, hydraulic drive.



Just \$4,400!

Scan to view:



or call 08 6336 7782





Just

or call 08 6336 7782

Just

\$163,900!

Scan to view:



2021 john Deere R4060 SP Sprayer

30cm Working Width, 16mm Row Spacing, 10-15km/h speed, 188kg Weights, 9 kW/m



2016 Amazone ZA-TS Profis Hydro

Section Control, Variable Rate



120' Boom on 15" Spacings, Stainless Tank, John Deere ExactApply, Traction Control, 1480

\$583,000!

Scan to view:



or call

08 6336 7782

2015 John Deere 8295R

7750 Engine Hours, 295 HP, IVT trans, contact for full feature list



08 6336 7782

or call

HOUDEALS

Scan the QR Code with your phone camera to find out more about these Hot Deals!



Just \$104,500!

Scan to view:



or call 08 6336 7782

2013 John Deere 6150R

MFWD w/ suspension, Powershirt, Guidance ready, Rear PTO 540/1000, rear single tires



Just

\$93,500!

Scan to view:

or call

0863367782

MFWD w/ Suspension, IVT, Guidance-ready, Rear PTO: 540/1000, Rear single tyres, Wide Tyres, 6041 Engine Hours 175 HP

Call for pricing!

Scan to view:



or call 03 8373 7135

Call for pricing!

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Rotowiper FU600

New trailing or tractor mount Rotowiper Weedwipers. 1.8 - 4.5 metre trailing, 2.9 - 9 metre tractor mount units. Use less chemical. Suitable for windy conditions.



Call for pricing!

Scan to view:



or call





03 8373 7135

Chill cast rolls, removable roll shafts, leaf spring roll protection, tip up feed hopper, grate

New. Uses less chemical than sprays. Suitable for windy conditions. Other sizes available from

magnet, feed gate control. 12", 24", 30", 36" & 48" wide models - New.

Rotowiper Trailing Weedwipers

1.8 metres to 12 metres. Adjustable roller height.

Call for pricing!

Scan to view:



or call 03 8373 7135

Marshall 814T

New 14 tonne trailing spreader with hydraulic twin spinners, 825mm wide chain & belt 4-speed conveyor, 750/65R26 tyres.



Call for pricing!

Scan to view:



or call

0383737135

NDE FS700

All purpose feed-mixer with Weightronix scales, 9 large carbide-insert knives, 12" rubber top, ladder platform. Available with front or side doors.



Call for pricing!

Scan to view:



or call 03 8373 7135

NDE FS600

Renn RMC12

All purpose feed-mixer with Weightronix scales, 9 large carbide-insert knives, 12" rubber top, folding ladder. Side door with 9ft side elevator.



Call for pricing!

Scan to view:



or call 03 8373 7135

Just

\$33,000!

Scan to view:

or call

03 9116 6773

NDE FS1000D

All purpose feed-mixer with Weightronix scales, 18 large 24" carbide-insert knives, 12" rubber top, ladder platform. Front door feed-out. PTO drive.



New Holland 313 Mower Conditioner

4m cutting width, rubber rollers.





Call for pricing!

Scan to view:



or call 0383737135

Marshall 810T Spreader

Multispread fertilizer spreader - 10 tonne (8.1 cubic metres) with hydraulic twin spinners, 23.1 x 26 tyres. Also available with PTO drive.



Claas liner 2600

Class twin rotor rake with hydraulic width adjustment.



or call 0391166773



Just \$146,300!

Scan to view:



or call 03 9116 6773



Just \$38,500!

Scan to view:



or call 03 9116 6773

New Holland BB1290 Plus

Standard packer feeder 8x3x4, done 20,460 bales. Moisture meter, weigh scales, camera, going through workshop. At our Echuca Dealership.



Just

Scan to view:



or call 03 9116 6773

New Holland BC5070

Small square baler, going through workshop, well looked after baler. At our Echuca dealership.



Just \$68,200!

Scan to view:



or call 0391166773

New Holland 316

Steel Roller Mower Conditioner, 5 meter cut, Ex demo machine, done little work, steel rollers, ready to go. At our Echuca Dealership.

DEALS

Scan the QR Code with your phone camera to find out more about these Hot Deals!



Just \$12,650!

Scan to view:



or call 0391166773



Just \$31,900!

Scan to view:



or call 03 9116 6773

Silvan G2 Supaflow

Orchard sprayer 2,000 LT, Bravo 300 auto rate controller, good working condition. At our Cobram Dealership.

New Holland BR7070 Superfeed

New Holland BR7070 Superfeed round baler, up to 6 foot capacity 26,636 bales, been through workshop, neat baler. At our Cobram Dealership.



Just \$82,500!

Scan to view:



or call 0391166773

Just \$30,800!

Scan to view:



or call 03 9116 6773

Hardi Navigator 6000

520/85R42 tyres & mudguards, rubber block suspension, running iso bus to tractor to screen for rate & section control, set box & joystick control for boom operation.

GVM Prowler 8709T

Spreader truck.



Just \$237,500!

Scan to view:



or call 0870076556

Just \$90,000!

Scan to view:



or call 08 7007 6556

2012 John Deere S680

Combine, 3869 engine hrs, 3100 rotor hrs, dual 20.8x42 tyres, straw chopper, 7.9M unloading auger, GS3 7" touch screen. Machine will be crop ready.

2008 John Deere 6230 Premium

With 3000hrs front end loader with pallet forks and bucket included. Front tyre size 340/35R 24. Tread 75%.



Just \$48,400!

Scan to view:



or call 08 7007 6556

\$9,900!

Just

Scan to view:



or call 08 7007 6556

Hardi 7030 Commander

7000 litre with 30 meter boom. boom has been through workshop recently, hydraulic suspension, four sections and hydraulic driven pump.



Please note that prices and details are indicative only, and items for sale may have changed. Please use the contact details on each item to find out more.

Screen, electric steering wheel, nav controller with receiver and modem for full RTK.





\$16,500! Scan to view:

Just



or call 0385478800

John Deere 1460

John Deere 467

Mower conditioner - 3m, rubber on rubber condition rollers, hydraulic swing, side pull.





Just \$33,000!

Scan to view:



or call 0385478800

John Deere CTS 2

JD CTS 2 harvester, 4060 sep hrs chopper/ chaffer, excellent condition for age.



Just \$22,000!

Scan to view:



or call 0385478800

Silage special round baler (2004) 30,000 bales, variable core, mega wide pickup, push bar.



Just \$93,500!

Scan to view:



or call 0385478800

2013 Tobin 40°

Tobin disc seeder and Gason air cart. 40Ft No till Disc. 12 inch spacing. Gason air cart. 8000 litres. Ground drive, variable rate, two bin, Auger, Canlink 3500 control monitor.



Just \$44,000!

Scan to view:



or call 0385478800

Just \$33,000!

Scan to view:



or call 0385478800

2006 John Deere 956

956 mower conditioner impeller conditioner 14' cut drawbar pull manual tilt ram presents like new. Selling on behalf of customer.



2008 Case IH DC162

Mower conditioner. Steel rollers, 4.8m cut, 12 Disc, 3PL hitch, 21 spline PTO. Great condition, Just arrived.



Just \$121,000!

Scan to view:



or call 0385478800

Just \$22,000!

Scan to view:



or call 0385478800

2016 Krone BP 1290HDP

High speed 6 string baler, approx. 43,000 bales, X-cut chopper, bale scales, tandem axle, monitor, Grevillia Inoculant applicator. Good condition.

Goldacres 4030

5000x30M Boom Sprayer (2001) Raven Controller, CIH, PTO Dr. For more information contact Emmetts Rupanyup Dealership.

HODEALS

Kioti PX1052 New. With loader and 4 in 1 bucket.

Call for pricing!

Scan to view:



or call 0391166772

Scan the QR Code with your phone camera to find out more about these Hot Deals!



Just \$31,900!

Scan to view:



or call 03 9116 6772

Call for

pricing!

Scan to view:

or call

Just

\$41,800!

Scan to view:

or call

03 9116 6772

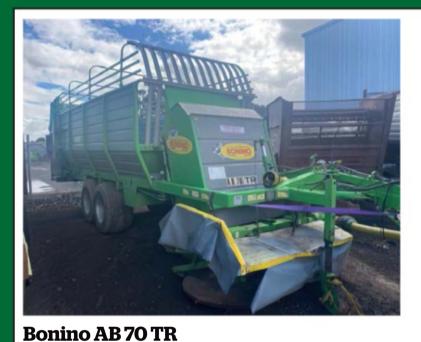
Just

\$26,400!

Scan to view:

Lely Hibiscus 915 CD Vario

Pull type twin rotor rake. Twin rotors, cam track, tandem-axle wheel, steering device, hydraulic systems.



Just \$77,000!

Scan to view:

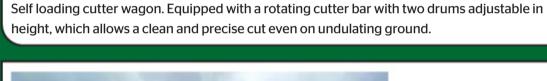


or call 03 9116 6772

03 9116 6772 Hansa T8

8 cubic metre capacity, single axle, ISOBUS, 50mm tow eye, black roll over tarp, load cells,

wrap around mudguards, 23.1/r26 r1 tractor tyres, 36m urea/50m single super spread width.



2017 Kuhn GA 13131

serviced and used by quality operators.

Just S82.500!



03 9116 6772

Scan to view:



or call

Twin rotor rake 8.9m to 9.6m working width. Good working order, shedded when not in use,



2019 Pottinger Top 962C

well maintained and serviced. Only traded as upgraded to quad rotor.



Just \$15,400!

Scan to view:



or call

03 9116 6772

Front linkage air seed box, 700ltr capacity. Skeleton wheel metering system, can be adjusted for different working widths.

Used 2017 Kuhn GA 13131 quad rotor rake. Extremely well maintained, always shedded,



Tanco 1400 Wrapper

Selling on consignment as owner is now moving to pit silage.



or call 03 9116 6772



Just \$7,150!

Scan to view:



or call 03 9116 6772

Claas 540H Tedder

5.4m working width, in good working condition, was being used up until the day it was traded.

Used Keenan 12T orbital spreader. Photos are in as traded condition, will be workshop checked



Kuhn GF6502 Tedder

Tidy machine, in good working condition. Well looked after unit.



Just \$15,400!

DEALS

Scan to view:



or call 0391166772

Just

\$8,800!

Scan to view:

or call

0391166772



Just \$49,500!

Scan to view:



or call 03 9116 6772

Vermeer 504I

Selling machine in as is where is condition. Was working until the day the upgraded baler arrived. Only traded as owner moved into a newer machine.



Keenan 12T Orbital Spreader

Just



Scan to view:

or call 03 9116 6772



\$24,200! Scan to view:

Just



or call 03 9116 6772

Lelv Lotus 900

Used. This machine has been very well looked after, always shedded and serviced accordingly. Trailed, 9m working width, eight rotors.

Krone Swadro 700

Used Krone Swadro 700 twin rotor rake. 6.8m working width, recently traded due to upgrade.



Call for pricing!

Scan to view:



or call 03 9116 6772

100% Italian built160hp 6 cylinder Iveco engine high visibility air-conditioned cabin 54 x 18 Powershuttle transmission, air-suspension operator seat foldaway passenger seat.



Just \$60,500!

Scan to view:



or call 03 9116 6772

Landini Discovery 75

Comes standard with 4 cylinder 4100 turbo charged diesel engine, large 78 litre fuel tank.

HODEALS

Just \$15,950!



or call 0391166772

2015 Ilgi 24 Plate

Offset discs in as traded condition, machine will be workshop checked prior to sale.

Just \$176,000!

Scan to view:



or call 03 9116 6772

2019 Strautmann Giga Vitesse 4002

Cutting length of 35 mmr knife change without use of toolsr knife bar can be hydraulically swivelled out.

Scan the QR Code with your phone camera

to find out more about these Hot Deals!



Krone RX 400 GD Used Krone RX400 silage wagon.

Just \$137,500!

Scan to view:



or call 03 9116 6772

Call for

pricing!

Scan to view:

or call

03 9116 6772

Just

\$24,200!

Scan to view:

or call

03 9116 6772



Kioti PX1153 New Kioti PX1153 with loader & 4 in 1 bucket.



or call 03 9116 6772

Just

\$60,500!

Scan to view:

or call

03 9116 6772



Rata Powerclaw 180 Grab 1.8M

Versatile interlocking grab that can be used for fencing & wire cleanup, storm cleanup etc.



Feraboli Overmix 2TN-18

Used mixer.





Just \$86,900!

Scan to view:



or call 03 9116 6772



Poettinger Terradisc 4000

Speed discs.



Kuhn Profile 2080

Mixer.



Call for pricing!

Scan to view:



or call 03 9116 6772

2012 Mandam Gal-K6.0M

New. Folding 6.0m Gal-K discs with vring roller Mandam cultivation equipment.



Just \$42,900!

Scan to view:



or call 0291997760

2016 John Deere 469 Silage Special

Round baler, 19879 bales, 6 x 4 with coveredge surface wrap, bale push bar, hi flotation tyres and variable core valve. Located Albury.



2021 John Deere Gator XUV865M

355 hours, diesel, power steering. Located Albury.

Just \$29,700!

Scan to view:



or call 0291997760





Just \$170,500!

Scan to view:



or call 0291997760

2013 John Deere 1770NT CCS

Planter, 60ft, 24 rows on 30 inch spacings, seedstar 2 less monitor, command row clutches, tapered teeth, pneumatic down force, walking guage wheels, Vari rate transmission.



Just \$13,750!

Scan to view:



or call 0291997760

2020 John Deere X570

Ride on, 48 inch side discharge deck, 21 hours. transmission: hydro, engine type: gas, drive type: 2WD. Located: Cowra.



Just \$66,000!

Scan to view:



or call 0291997760

2019 John Deere 956

Mower condition, 4.5m cut, Trilobe roll conditioner, three point linkage hookup, hydraulic tilt control



Just \$160,600!

Scan to view:



or call 0291997760

2019 John Deere 6155M

with 663R loader and GP bucket, 24 spd power quad trans, Tyres 520/85R38 Rears 480/70R28 Fronts s. 3 rear 450 series SCVs. 540/540E/1000 RPM PTO. Hook style three point linkage/



Just \$9,900!

Scan to view:



or call 0282797084

1978 Fiat 550

Open frame tractor. 55 HP. 8 speed syncro. Orange & blue series (Mfg. Italy) VIN: 517888, E/N 854*102, 18.4-28 rears (40%) & 750.16 front (40%) 7025 hours.

DEALS

Just \$181,500!

Scan to view:



or call 0282797084

2012 Flexi Coil PD5700/3850

Parallellogram precision hoe drill 60' (18.3mt) width in 5 sections 12" spacings on 3 ranks, 5.6mt transport width 60 row units - double shoot opener.



Just \$68,200!

Scan to view:



or call 0282797084

Call for

pricing!

Scan to view:

or call

0282797084

Just

\$389,000!

Scan to view:

or call

0282797084

2016 Hardi 5030 Navigator

HC5500 controls, 5000l tanks, 30 mt SPC boom, single nozzles, 7 section, 363 PTO 540 rpm pump, Granni pot, fill filter, 18.4 x 38 tyres and guards, suspension adjustable axle.



2022 Highline NT78 New 2022 rockpicker, hydraulic drive, 2mt picking width, 2.5CMT bucket.

2017 Macdon R116 2017 Macdon R116 mower conditioner PTO pull type rubber rollers, tidy new blades.

2003 Bogballe M3 Plus Linkage



Scan the QR Code with your phone camera

Spreader, 3pl spreader, 1500lt base, 2 factory extensions plus homemade extension, approx

4000l with hopper cover, calibrator icon controller, mudguards, lights 540pto.

to find out more about these Hot Deals!

Just

\$23,100!

Scan to view:

or call

0282797084

Just

\$60,000!

Scan to view:

or call

0282797084

Just

\$34,100!

Scan to view:

or call 0282797084

Amazone Ultra 4200 ZA-M Ultra



Amatron + controller, weigh scales, tarp., 36mt vanes.



Just \$99,000!

Scan to view:



or call 0282797084

CASE IH 4410SPX

4000lt 285mt, approx. 6550 hrs, 480/90R46 tyres @ 90%, led lights, suspension bushes and hydraulic pump drive gear box rebuilt 500 hrs ago

Horwood Bagshaw Scaribar Flexi Coil

12m PSS bar, 300ml row spacings, double shoot, 3 metre centres. New Flexicoil bin, done one season, 3 bin 20,000L capacity, 3m centres.



Just \$121,000!

Scan to view:



or call 0282797084

CASE IH 6088

2010 Case IH 6088 Header, SK#83526, YAGO03499, Base Unit Only with 5,539 Engine hrs, 4,187 Rot hrs. 800/65R32 Front Tyres & 540/65R30 Steer Tyres. Pro 600 Display, UHF



Just \$44,000!

Scan to view:



or call 0399984995

2008 Vicon RV2160

Bushranger BRV2701

Low 29000 Bales, bale Wrapper combination, wide pickup, rotor feed, good condition.





Call for pricing!

Scan to view:



or call 0282797084

2021 header trailer

3 and 4 axle header trailers, combine windrower or dual purpose, rubber torsion axles, guards, lights, flashing light, 2 storage grates, ball race turntable, 40mm ring feeder.



2022 HIMAC Grapple

Skid hitch power rake double grapple, 2400mm wide.



or call 0399984995

Just \$4,499!

Scan to view:

Bushranger BRV2701 blower vac. 27.2cc, 252 kph air speed, 2 stroke engine.

Just \$259!

Scan to view:



or call 0399984995

Bushranger E-Rider 72v

Mini lawn tractor E-Rider. 30" cut. 72V motor. 5.9 kph speed.



Just \$3,099!

or call

0399984995

Scan to view:



or call 0399984995

Just \$1,429!

Scan to view:



or call 0399984995

Bushranger Edger

98cc Kawasaki engine, 2.2 kw output, 1.8l fuel capacity. Head angle adjustment. Blade height



Bushranger LS252-25T Log Splitter

196cc Kohler engine, 25 ton splitting force. Horizontal or vertical operation. 10.9 second cycle

/DEALS

Bushranger Spartan RZ 48"

Kawasaki FR691 premium and commercial grade engine. Engine guard. 13.6 kph top speed. 18.9 litres fuel capacity.



Grillo FD13.09

4WD hydrostatic, 900ltr high lift catcher electric cutting, height adjustment, power steering, diesel.



Kubota T2290KWWT-48

48" deck, hydrostatic drive, Kawasaki twin.

Landpride FPS48 Plot Ranger

42" loading height, 16" notched disc blades, 48" working width, rear roller.

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\$66,000!



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Just \$8,613!

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Just \$12,799!

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Bushranger Spartan RZHD 48"

Kawasaki FR691V premium and commercial grade V-Twin engine. Engine guard. 14.48 kph Top speed. 18.9 litres fuel capacity.



Just \$31,310!

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Kubota B3150HD

31hp 4 cylinder diesel, 3 range hydrostatic, power steering, Mid PTO, rear PTO, 4wd diff lock.



Scan to view:

Just \$6,215!



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0399984995

28HP 4WD diesel mower. 2 range hydrostatic. Power steering. 6 foot side discharge deck, 4 post roof. New paint. Works very well.



Just \$2,050!

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Kubota W821SC-AU

Self propelled walk behind mower. Honda GXV160 petrol engine. 4-stroke, 163cc. Fuel tank capacity 1.8l. 2-step gear shift. Travel speed: low 0.8m/sec high 1.2m/sec.



Just

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Just

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5 gang reel mower. 4 cylinder diesel. Hydrostatic drive, power steering, roof, comfort seat. Great finishing wide mower.



Just \$59,990!

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DEUTZ-FAHR Agrofarm 420

90hp, cab, level lift loader, 3rd function with soft ride, hydraulic shuttle, 4WD with diff lock, GP bucket, bale forks, Very good condition



Just

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Kubota MX5100HD

Very low hours, 3 range hydrostatic, front end loader c/w GP bucket, hydrostatic power steering, wet disc brakes



Just \$27,990!

Scan to view:



or call 0399984995

Ford 6600 tractor

Good tidy forklift, extremely strong, Dalmore fork, power steering, rear remotes, ready to work, good tyres, 4 post roof, 3pl





Just

Scan to view:



or call 0399984995

Willie's Manufacturing Elite

3pl Feeder. Strong robust design. User friendly maintenance. Australian made.



Just \$20,990!

Scan to view:



or call 0399984995

Kubota RTV-X1120DR

Camo, hydrostatic trans, power steering, hydraulic tipper, roof, windscreen, low hours - under 1400, new tyres, ready to go.



Just

Scan to view:



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2021 Land Pride RCF3672

72" width slasher, 190hp gearbox rated, 2" to 12" cutting height range, Suit Kubota M-series (60-190hp), 4" cutting capacity



Just

Scan to view:



or call 0399984995

John Deere 6130

Full cab with AC, power steering, quad shift, hyd shuttle, 3 point linkage, 2 x double acting remotes, suspension seat.



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Golde

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2013 CASE IH Maxxum 100

100 hp, 4 cyl FPT engine, wet clutch, 16 x 16 semi powershift trans, 140 l/min hydraulic flow, 2 x rear remotes, 540/540E/1000 PTO speeds.



Just \$53,990!

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2018 Kubota M7040

68 Net Eng. HP, only 312 hours, 8 forward / 8 reverse Kubota fully synchro transmission, high & low range, 3 point linkage, PTO 540/540E, 4WD, fitted with Kubota QVX26 loader.



Just

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2010 Bobcat 324

Engine power - 13.9 HP, AUX maximum flow - 30 ltr/min, operating weight - 1555 kg, 300mm, 450mm and a 1000mm trim bucket, ripper, half hitch.



Just

Scan to view:



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2017 Komatsu PC210

4726 hours, 1850mm tilt bucket, aux hydraulics, UHF, hyd quick hitch, enclosed AC cab, Beacon, GPS receivers and GPS mon screen

DEALS



Call for pricing!

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2022 New Holland L318

New. Skid steer, New Holland ISM engine, 60 HP 2.2L 4 cylinder diesel engine, hydrostatic drive, 2 speed, 72I/min Hhdraulics, enclosed cab, EH control, high flow system.



Just \$65,000!

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2010 JCB VM 75 Vibromax

5489 hours, engine displacement - 3.3L, engine power - 80 Hp, operating weight - 7300 kg, drum width - 1750mm, vibration frequency 1 - 29Hz, vibration frequency 2 - 36Hz, ex council.



Just \$35,990!

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2014 Bobcat E26

Mini excavator. Engine power - 24.8 HP, maximum flow - 47.4 ltr/min, operating weight - 2600 kg, 300mm, 450mm and 1000mm trim bucket, hydraulic hitch.



Connor Shea 9' Disc Seeder

Ready to work.

Call for pricing!

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HODEALS

SERIES.

Connor Shea 3PL 5' Seeder

Used.

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Duncan 24 Run Double Disc Seeder With 3 boxes.

Call for pricing!

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Agrow Plough 14 Tyne

3PL subsoiling plough.



Call for

pricing!

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0261713997



or call 0261713997



Connor Shea Disc Seeder

Used.



or call 0261713997



New Holland Loader

New Holland 471 hay loader delivery arranged Australia wide.

Call for pricing!

Scan to view:



or call 0261713997

Call for

pricing!

Scan to view:

or call

02 6171 3997



Southern Cross 30 Acre

Southern Cross 30 acre traveling irrigator. Delivery arranged Australia wide.



Connor Shea 7'

Baker boot seeder, 3PL.



Shearer 32 Disc

Wheeled offset plough.

Call for pricing! Scan to view:

or call 0261713997

Call for pricing!

Scan to view:



or call 0261713997



Marshall Belt Spreader

2.5 ton.

Call for pricing!

Scan to view:



or call 0261713997



Just \$110,000!

DEALS

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or call 0385478639

Just

\$357,500!

Scan to view:

or call

0385478639

2018 Croplands Pegasus 7000

36M boom with hydraulic wing tilt, Hypro product pump, left & right fence line nozzles. Light kit, 1500L flush tank, 710/70R42 tyres @95%.



Just \$357,500!

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Case IH 7140 2015

Axial flow combine harvester, 1287r hrs 1951e hrs, 900/60r32 drive tyres, PRO700 NAV & 372, UHF. Located at Swan Hill branch.



Just \$385,000!

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Just \$687,500!

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or call 0385478639

Case IH 7240 2016 Model

1788R & 2192E hours, dual drive wheels, Pro700 Accuguide auto steering with 262 H.P receiver. Red leather seats, cooler box, electric bin lids, folding auger.

Axial flow combine harvester, 1260R hrs 1900E hrs, 800/70R38 drive tyres, PRO700 NAV &

Case IH 7250 2020

With FD145 front. Axial flow combine harvester, 745 rotor hrs, 1120 engine hrs, AFS harvest command, chopper, Goodyear IF800/70R38 single drive tyres.



Just \$302,500!

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Case IH 8230 2012 Model

With 45 Ft Front Axial Flow Combine Harvester, 2965 Rotor Hrs, 3890 Engine Hrs



Just \$71,500!

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Massey Ferguson 6465 2005 Model

Powershift transmission, front suspension, rear linkage, PTO. Front end loader with standard bucket. Neat and tidy tractor located in Swan Hill.

HODEALS

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Just \$181,500!

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Just

\$18,700!

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Rogator 1386 2010 Model

120ft boom, 6250L tank, fill pump, 4450Hrs, 480/80R42 tyres, Raven SCS5000 rate controller, Trimble CFX 750 with ez pilot, RTK unlocked (no radio).



2003 Gendore T1400SF

2003 gendered T1400SF, bale wagon/feedout, VIN/Serial #: 2140.



Just \$7,700!

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1960 Massey Ferguson 13S

135, 2WD, hours: 3734, HP 135, VIN/Serial #: 89849, front tyre Size: 6.00-16 front tyre %: 30 rear tyre size: 14.9-24 rear tyre %: 60.



Just \$69,000!

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2004 Case IH CVX120

CVT Vario transmission 40k, front axle & cab suspension. electric remotes, Challenge 4121 front end loader with 3rd function.



Just \$79,000!

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Just \$38,900!

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or call 03 8547 8621

2008 Case IH Magnum 215

Tractor only. Hours: 9334, HP 215, VIN/Serial #: Z7R05604, front tyre size: 480/70R34 front tyre %: 30, rear tyre size: 480/80R50 rear tyre %: 20.



Round baler/wrapper bale pack. Bales: 55000. Located Trafalgar.



Multicontroller. Hours: 8000, HP 125, good tyres, been through workshop.

Just \$62,700!

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Just \$105,000!

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2010 Case IH Puma 165

Cab tractor, 6055 hours, hp 165 + boost, 16.9R30 front tyres 80%, 20.8R42 rear tyres 80%. Workshop checked.



2012 Claas Variant 385 Round baler, 18000 bales. Located Trafalgar.

Just \$27,500!

Scan to view:



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2014 Case IH Maxxum 130 CVT Hours: 6300, front end loader, tidy all-round, workshop inspected.

Just \$89,900!

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Just

\$59,500!

Scan to view:

2014 New Holland T5.105 Electro Command

16x16 semi powershift transmission, 3 speed PTO, 2 x sets rear hyd remotes. Howard Q45 front

Just \$83,500!

Scan to view:



or call 0385478621



2018 Krone Comprima V150 XC

Round baler. Bales: 4500, net wrap, like new. Located Trafalgar.



or call 0385478621

Just



2020 Fendt Rotana 160 V

Just \$135,000!

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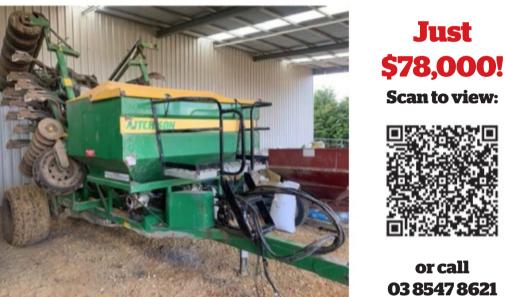


or call 0385478621



Aitchison Air Pro 4.8

Air seeder, 4.8 metre.



or call 0385478621



Round baler wrapper combination, as new condition Bales: 6000.

Just \$55,000!

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or call 0385478621

Round baler/wrapper combination paddock ready. Located Trafalagar.



Just \$120,000!

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or call 0385478621

2020 Duetz Fahr 6130 Cab Tractor

830 Hours 540/65R38 Rear tyres 80% 440/65R28 Front Tyres 80%, 40k Transmission, 4 x Mechanical rear remotes, Trima X56 Front end Loader incl std bucket + 2 tyne hay fork

Please note that prices and details are indicative only, and items for sale may have changed. Please use the contact details on each item to find out more.

Vicon RV1601

DEALS

2003 CASE IH DCX131

Mower conditioner 4m steel rollers with travel buggy in working conditioning As Is

Scan the QR Code with your phone camera to find out more about these Hot Deals!



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Uhi LG938/LG820

Super air-condition, 3 seconds extreme cooling. Cab with ROPS & FOPS certification & vehicle, backup camera.



Just \$41,999!

Just

\$17,600!

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Just \$52,000! Scan to view:



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Uhi LG940/LG825

The hydraulic system has been upgraded to H-type oil pipe joint to prevent hydraulic oil leakage. Free hydraulic quick hitch, fork attachment, 4 in 1 bucket included.

Uhi U550K

68 HP, EUROPS, 900KG loading capacity, 4in1 bucket. Yanmar engine.



Just \$18,990!

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Just \$42,000!

Scan to view:



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Uhi UME15

New model arrives, Uhi 2022 UME15, 1.5T mini excavator, Kubota engine!



New model US50K skid loader, top brand quality, 900kg loading capacity, Yanmar engine 68HP. 4 in1 bucket.



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Just

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Uhi UWL807

Perfect size for agriculture, farm, nursery and construction user. comfortable eclectic valve hydraulic pilot control with a joystick, Safety flashing beacon warning light. 4WD drive.

Uhi UWL811

Articulated mini loader 1T loading capacity, 34HP diesel engine, Italian hydraulic control system, joystick control. Hydrostatic drives function.



Just \$26,990!

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Just

\$69,990!

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UHI UWL916

1.6T capacity Wheel loader with free 4 in 1 bucket and forklift attachment. Perfect size for farm or construction use, pilot control with joystick, air cushion seat, diesel 4 cyl engine.



UHI UWL350

New wheel loader, 6 cyl cummins, auto trans, 3500kg load rated.



Just \$30,990!

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UHI 454

Power Steering, 400kg Front End Loader, 45HP Diesel Engine, Euro quick hitch, FEL 4 in 1 bucket, 200mm bucket, slasher and backhoe.



Just \$32,990!

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UHI UWL810T

Telescopic Articulated Mini Loader,. 900KG loading capacity, 25HP Kubota Diesel Engine.



Just

Scan to view:



or call 0290647220

Call for pricing!

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UHI UHI554

600KG Loading Capacity, 55HP Diesel Engine, Free Euro Quick Hitch FEL 4 in 1 Bucket, 300mm auger, 200mm trench bucket, Slasher and backhoe





or call 0385478639

1,92 5hours, synchro transmission with creep gears, excellent condition.

CASE IH JX 95 High Clearance 2012

Just \$110,000!

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CASE IH Concord 4012

Air Drill. 40ft single fold frame with 4 rows of 500Lb trips spaced at 12 Inch rows, single shoot air package. knife point opener with 6 Inch seeding sweep. New matching packer tyres



Demonstration Model Paxton Plow. 9 Tine 500 mm spacing unit with culti roller.





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Material recycling is getting more popular but for **Thomas Manufacturing's**Errol Thomas, the demand for trommels has never slowed.

More at TradePlantEquipment.com.au



Shindaiwa DGA50C generator. Tier 3 diesel eng, 50KVA, 3 x 3 phase IP66 plugs • **VIC 0488 032 018**



2007 steel water spray tank 13,000L. Hoist well cut out. Batter sprays. 4" hyd PTO pump • **SA 0427 436 442**



Hyster H16.00XL. Perkins engine, auto trans with monotrol, 6.2m lift, 2 stage mast • **NSW 0429 493 184**



17,710+ items for sale in print & online





Thomas Manufacturing's trommels are built for heavy-duty spec work

Wizard of spin

Built to spec for heavy duty work, Thomas Manufacturing's trommel range is up to the task

Material recycling is getting more popular but, for Thomas Manufacturing's owner Errol Thomas, the demand for trommels has never slowed.

"For recycling, we probably haven't stopped for the last 10 to 15 years," he says.

"In all states we have lots of gear doing recycling." Thomas Manufacturing builds trommels, batching plants, conveyors, industrial feeders and much more at its plant in Dalby, in south east Queensland.

Used to sort through various materials to screen out undesired objects, the market for trommels is a wide one, Thomas says.

"One plant might be mulch, the next one might be construction and demolition-based - you never know what the next phone call will be."

For mulch and ground green waste separation, the standard trommels Thomas builds are equipped with a 6m x 2m double barrel fitted to a single frame, powered by four 5.5kW drives and with a 10 cubic metre feeder, feeding onto a discharge conveyor to the trommel.

Those pictured here have recently been sold to heavy haulage and land clearing company Corbet's Group to sort through bark and mulch for its land clearing division.

For concrete recycling, Thomas builds a 6m x 2m trommel fitted with high tensile mesh and 100mm lifters, powered by two SEW 5.5kW drives, as the standard model.

That said, the trommels sold are built to a customer's

needs-depending on how big the company is, and what they are processing.

"There's a lot of bin companies in Sydney that we deal with, some of them only have small yards and deal with small bins, and some of them have quite large operations where they're using 20 metre skips... and they might bring those in five to 10 of those a day," he says.

"Your equipment's got to be big enough to handle all that - and then sometimes they are processing every day and sometimes they're only processing three daysa week."

For construction and demolition (C&D) waste, the trommels are often used to sort through and separate paper, plastics and other materials from concrete, brick and masonry - with that material often then crushed and used for ground coverage on other building sites.

"For C&D waste you've got to build the gear a little bit differently-the trommels are built a lot more heavy duty," Thomas says.

"Most of these guys are pre-sorting everything before it goes into the system, on the ground using small excavators and equipment - but you can get logs and all sorts of stuff in C&D waste," he says.

All Thomas Manufacturing trommels come with a 12-month warranty and are sold around Australia.

To learn more, email admin@thomasmanufacturing.com.au



An artist's impression of the new facility

Victorian empire

Five years in the planning, **Toyota Material Handling** Australia expects its new Victorian base to open in the first quarter of next year

Toyota Material Handling Australia (TMHA) has started work on a new base for its operations in Victoria, with the new facility set to provide for a range of functions for the company.

Located in Dandenong South in Melbourne's south east, the new facility is about 5km away from TMHA's existing facility on Abbotts Road - but will be 81 per cent larger at 32,600 square metres.

The building area will take up half of the available land with 16,350 square metres set aside for the facility itself - a 34 per cent increase over the previous building.

At 12,827 square metres, the new warehouse and workshop area is 28 per cent larger than before, while a new 300 square metre 'dirt' demonstration area will allow for prospective customers to demonstrate its Huski Construction Equipment range of earthmoving products.

In addition, the new facility will feature state-of-the-art sealed and pressurised paint and preparation booths.

TMHA general manager for corporate compliance and project development Bob Walmsley says the new site will allow for a greater level of usability and innovation for the brand.

"With features like a dedicated dirt demonstration area, paint booths and support for parts and service, our new state-of-the-art facility will offer more for our valued Victorian customers," Walmsley says.

"We all can't wait to experience the fruits of this investment from TMHA and look forward to seeing the completed hub next year."

Along with facilitating sales and rental of TMHA forklift and allied equipment, the new facility will serve as a regional base for major and corporate accounts operations, will hold inventories of new material handling and Huski construction equipment, and will offer full support coverage for parts, workshop and field servicing, and training facilities.

The purpose-designed new facility and the land it is built on is wholly owned by TMHA.

Construction of the new facility is expected to be completed in the first quarter of 2023. 📠

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- 115mm round capacity
- Swivel head ±45°
- Ø370 x 32mm blade
- Two blade speeds 22-44rpm
- Self centring vice
- 2.2kW/3hp, 415V motor
- Include coolant system & stand

Order Code: S841





BM-40V-Industrial Turret Milling Machine

- 3 Axis digital readout
- NT30 spindle taper
- (X) 860mm (Y) 360mm (Z) 425mm
- Hardened & ground slides & table
- 1370 x 254mm work table
- Meehanite grade casting
- variable speed 70-3500rpm
- 2.2kw/3hp, 415V motor
- Includes vice & clamp kit

\$14,350



AL-1000D Centre Lathe

- Ø356 x 1000mm capacity
- 2-Axis digital readout
- Hardened & ground bed
- 40mm spindle bore
- 3hp 415V motor
- Includes: 3 & 4-jaw chucks, faceplate, dead centres, steadies, foot brake, splash tray & stand

Order Code: L242D

\$11,350

Air Dryer

PAC11-RM-D **Rotary Screw Pilot Air Compressor & Integrated** • connect up to 4 compressors for managing distribution • High efficiency and reliability • GSM/GPRS/Ethernet/WiFi module • Automatic re-start after power failure Designed for continuous operation

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- 1 tonne load capacity
- 2540-3600mm adjust. height
- 2300mm width inside frame
- Swivel wheels with brake
- Includes mobile girder rail, 1T x 3M chain block & 1T girder trolley



Order Code: K088

\$13,650

EWHD-80



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HPM-30 Trade Hydraulic & Pneumatic Press

- 30 Tonne
- Pneumatic / hand operation
- Robotic welded frame
- 155mm ram stroke
- 200mm horizontally sliding ram

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\$1,390



English Wheel • 810mm throat depth 1.6mm mild steel capacity

- Heavy duty steel frame
- Wheel & anvils



PHM-560 **Power Hammer**

- 1.2mm mild steel capacity
- 560mm throat depth
- 395mm throat height • 0-960 blows per
- minute
- 1hp, 240V motor • Includes 32 hardened steel dies

& 14 nylon dies

Order Code: S228



HG-2504E

Hydraulic Swing Beam Guillotine -2500 x 4mm capacity

- Estun E21S control on Pendant arm
- Hardened ballscrew backgauge
- 130mm open throat both ends 6CrW2Si blades for stainless steel
- Hydraulic hold downs with nylon pads
- Rapid blade gap adjustment LED shadow line lighting to easily locate cut line
- Material ball transfer table bed
- Safety photo electric light beams on rear guarding

• 4kW / 5.5hp, 415V motor



PB-70E Hydraulic NC Pressbrake

- 70T x 2500mm pressing capacity
- Estun NC-E21 2-Axis programmable control • 520mm leadscrew backgauge system
- Segmented heavy duty 35° offset top punch
- Multi vee solid bottom die block 2500mm
- European intermediate clamps with safety key
- Reinforced side frames for addition strength Adjustable steel fabricated sheet supports
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- Includes safety light guarding system



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HYSTER H12.00X Diesel forklift, N003, TA1141922. \$44,000



TAILGATOR EHD2000 2 tonne diesel self loading forklift with 3 metre lift. H069. TA1060070. \$29,700



TAYLOR DUNN E TRANS Tow tug. TBA. TA1144492. \$12,100



HYSTER H4.00XL-6 LPG forklift. M084. TA1141921. \$25,300



NISSAN RV02 LPG tow tug. L066. TA1102664. \$27,500



TOYOTA CBT6 6 tonne electric tow tug. M052. TA1144475. \$17,050



TOYOTA 2TD25 35 tonne diesel tow tug. 02-2TD25..

\$38,500



TOW TUG CBT6 6 tonne Toyota CBT6, electric tow tug. M025. TA1144477. \$13,750

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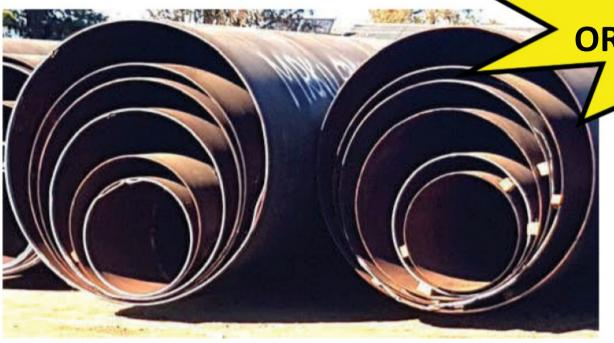


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18m boom, currently not registered.

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GENIE GS3268RT 4WD diesel scissor lift - good all round condition, still working in rental fleet only 2 left. S1.

\$25,000 + GST



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SNORKEL PRO66 RDZ 4WD diesel 20m boom lift - good safe working order. Still working in rental fleet. S6. TA1054082. \$24,500 + GST



HAULOTTE HA260PX 2007, Very Tidy Machine, still working in our rental fleet. S25. \$46,200



HAULOTTE COMPACT 14 2014, 12 m electric scissolift very popular unit 14m working height 1 units to choose from, Prices from \$10,000.00. S21. TA1079652. \$16,000 Prices start from \$16,000.00



JLG 43FT RT SELF LEVELLING DIESEL SCISSOR LIFT Very Good Value for money, tidy machine, still working in our rental fleet. S27. TA1101850. \$40,000



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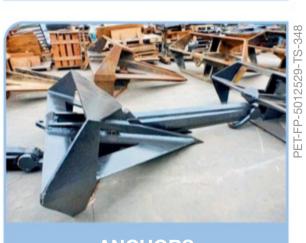
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HYSTER H52.00-16CH

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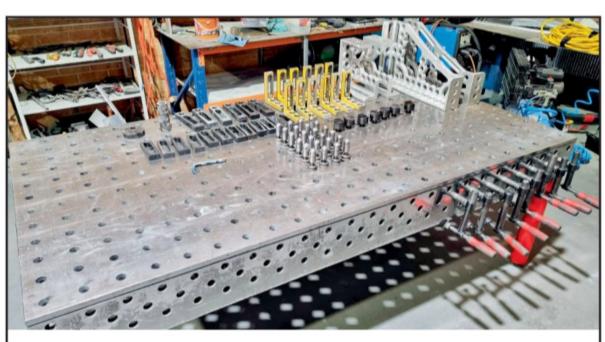
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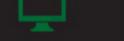
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