

WINTER 2022

GRASS & GRIT



A word from John...

There has been a great deal of stress in the farm machinery industry over the last couple of years. I am sure you will have heard many stories about long lead times, lack of supply and price increases.

The same has been the case in our camp however it's not all doom and gloom, I do sense an easing of the situation in recent months. Costs for sea freight are starting to reduce, and air freight also seems to be flowing a bit better than last year which is a welcome change.

Most of our farm equipment coming into New Zealand is built in Europe. This is largely due to its suitability to our working conditions and allowable width on the roads.

Europe is still in the midst of a major economic challenge, with the combined effects of the Covid pandemic and the Russian invasion of Ukraine affecting the agriculture industry.

The added cost of energy has also put pressure on suppliers to increase cost on all goods.

Even when these costs eventually revert to "normal", all manufacturers have to keep up with inflation so it looks unlikely that ex factory prices will reduce in the near future but we are hopeful things will even out sooner rather than later.

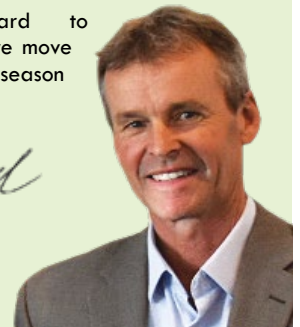
On a positive note, we have seen a good reduction in used tractor and machinery stocks across the country. This puts dealers in a better position to continue to take trades in the near future. It has also helped the profitability of dealers, because in the past, used machinery has often led to losses in the business.

In our wholesale business, we have received a solid order intake, which puts us significantly ahead of last year.

As a result there are a few products, mainly mowers, which are completely sold out already. There will also be a few late deliveries, with the bulk of these late orders due out of the factory in September.

My apologies in advance for this situation, which has been out of our control. We will be doing everything in our power to minimise the impact of these late deliveries. Thank you for your understanding.

We look forward to supporting you as we move towards farming season 2022/2023.



New Krone Parts and Logistics Centre in Spelle

Preliminary work on the construction of the new Krone Parts and Logistics Centre in Spelle has begun with the erection of a fence and the removal of topsoil.

Krone is constructing a state-of-the-art parts warehouse with a logistics centre and offices on an approximately 7.5 hectare site on Rheiner Straße at the entrance to the town. The new Krone Parts and Logistics Centre is expected to be operational by the end of 2023 at a cost of around 40 million euros.

Bernard Krone, Chair of the Krone Holding Supervisory Board, commented as follows:

"At the start of the year we received the first partial building permit and the project is now progressing according to plan.

Of course during the last few days we have questioned whether we should go ahead with this investment in these politically uncertain times; but we have decided to continue on the grounds that both the political crisis and the pandemic serve

as a clear reminder to us of the importance of securing domestic food supplies.

Farming and agricultural machinery are plainly indispensable. But in addition to powerful and efficient machines, professional farmers and contractors also need access to a premium and ultrafast supply of parts.

This construction helps us to address these challenges and position ourselves as a sustainable, long-term reliable partner for our customers."



WINTER 2022

NEWS



Lucky 13: Experienced pair say VariPack 190 best straw baler yet Syme Contracting - Canterbury



Left: The VariPack 190 XC Plus at work in Canterbury
Top Right: Nigel (Right) & Des Syme (Left) of Syme Contracting.



Over his 60 years in contracting Des Syme has run 13 balers, and he says his 13th – a Krone VariPack 190 XC Plus – is definitely the best.

Now 80, Des started contracting with a conventional baler when he was 20 while living in Staveley, on the western edge of the Canterbury Plains. In the 1980s, he was the first contractor in the area to move into round bales.

Today his son Nigel owns Syme Contracting. Nigel runs it with Des from their 50 ha farm at Lauriston, between Rakaia and Methven. They specialise in baling, and a big part of their business is baling straw from the barley, wheat and grass seed crops grown by arable farmers.

Nigel says they run three balers – two variable chamber balers for straw and hay, and a fixed chamber combi baler for silage.

They produce true 5 ft, 6 inch (168 cm) diameter bales because they are the ideal size for stacking two high on a truck or trailer.

“We wanted to replace one of our variable chamber balers with a specialist straw baler that

had more capacity and the ability to run TIM (Tractor Implement Management),” Nigel says.

“I did the research and it came down to the Krone VariPack and another brand. The intake system of the VariPack was one of the features that impressed us. It has a camless pick-up and a big diameter auger with integrated auger.”

As the name of the VariPack 190 XC Plus details, it can produce bales up to 190 cm in diameter, it has the XC cutting unit, and it is the ‘Plus’ contractor specification with TIM.

No demonstration model of that particular VariPack was in New Zealand, but Des and Nigel took a punt and ordered one from their local Krone dealer, Drummond & Etheridge in Ashburton.

They took ownership of it midway through last season and they have not been disappointed. In fact, they say the VariPack 190 is “brilliant”.

Its intake system is definitely the fastest they have seen, it makes higher density bales than their other variable chamber baler, and it unloads the finished bale quicker than their other baler as

well.

Nigel says it seems virtually impossible to block the high capacity in-take, “unless you did something stupid like bale at 40 kph”.

“When Krone’s South Island representative Tim Darling visited us to see how the new baler was doing, Des was baling straw. Tim sat in the cab with him and they drove over a big lump without slowing down.

The tractor grunted a bit, but the baler didn’t block.”

One of the VariPack 190’s features that has impressed Nigel is the ability of the Power Beyond hydraulics to operate the rear door automatically. Another is the built in moisture meter.

“Last season was the wettest I have seen in 60 years of contracting,” Des says. “We had to ted grass seed straw three times to get it dry enough to bale.

“With the moisture meter, we could see if the crop ...was getting too moist to bale towards the end...

...continued from Page 2. VariPack 190 - Syme Contracting

...of the day.

Without it, we have to get out of the baler every 20 minutes and use a moisture probe to make sure it is still dry enough."

The VariPack 190 has a number of other features that Nigel and Des like, including the high powered LED lights, and the on-board greasing system, and the netwrap holder which allows the operator to load a new roll of net without physically lifting it.

There was one teething problem with the new baler but the New Zealand importer Tulloch Farm Machines got it sorted quickly.

"When it arrived the roller in the netwrap unit spread the netwrap too aggressively. We could

see that this would eventually create an issue, so we contacted Tim Darling," Nigel says.

"Tullochs got on Zoom with Krone in Germany and within a week we had a different roller that does not spread the net as far. Tim helped us install it, and it has been perfect."

Nigel says they ran the VariPack on their Case IH Puma CVX. It does not have ISOBUS 3, which is required to run TIM. Therefore, they will lease a Deutz-Fahr 6185 next season, which does have that capacity.

"We want TIM because it will make the whole operation consistent and all bales exactly the same. There won't be any question about the operator opening the door at the wrong time or bales being different sizes."

Einböck to double production capacity

Thanks to the strong increase in demand for mechanical weed control as well as for soil cultivation & seeding technology, Einböck are doubling their production capacity with an investment of approximately €30 million.

In the fall of 2023 the new Einböck Production building will be in operation. The new facility includes a new assembly hall, shipping hall, offices and a canteen and is 100% energy self sufficient.

At present, the external works on the building are complete. The inner hall is ready for the next big step which is the installation of the concrete floor. The office rooms are also starting to take shape.

The heart of the largest investment in our company's history will be the two coating lines. In one of the most modern surface coating lines in the agricultural machinery sector, varnishing will take place with the latest technology. Furthermore, a fully automated high-bay warehouse and an overhead track between the coating line and the assembly line will modernize and automate production.

"With the doubling of production capacity as well as the new equipment, it will be possible to produce new and larger machines faster and more efficiently," says Michael Einböck.

Leopold Einböck Sr. proudly explains: "All in all the way of producing machines will be of superior quality in our new factory: production flow will be optimized, automatic overhead rail to transport components and machines, fully automated warehousing for parts and components, workplaces full of light and improved logistics operation in the indoor loading hall.



Seeing weeds in a different light...

Nick Gillot and John Tulloch attended a non-chemical weeding workshop hosted by Dr Charles Merfield last month at the Agrodome in Rotorua.

Tulloch Farm Machines took the opportunity to display the Einböck Row-Guard camera guidance system and Monosem Multicrop Cultivator which fit in well with the workshop theme.

The main feature was mechanical weed control to reduce chemical usage, however, another key point was related to the chemical resistance of some weed species and the interest in cover crops and regenerative farming.

The symbiotic relationship between plants and weeds may not necessarily constitute a threat to the growth of a crop, in fact its presence could in some instances be beneficial based on data and trials.

Watch this space!



The Einböck Row-Guard system fitted to a Einböck Chopstar.

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NEWS



Combined Powers - Krone and LEMKEN join forces to create autonomous drive-unit

Krone and Lemken present autonomous system.

Combined Powers is the name of a joined Krone / Lemken project and design concept – the autonomous ‘process unit’ that consists of a drive unit and various implements.

After passing trials in cultivating, ploughing, sowing, mowing, tedding and raking last year, innovative concept will be integrated in the well-proven forage harvesting and tillage systems of the two companies.

Using a diesel-electric drive that generates up to 170kW (230hp), the drive unit is designed to meet the power input requirements of the implements used in the processes above.

The drive power is transferred electrically to the wheels and the pto and from there to the implement which couples to a three-point linkage.

The drive unit boasts multiple and extensive sensor systems which monitor the immediate surroundings and the implement attached, ensuring safe operation and optimum results as the primary objectives.

Operators control and monitor the combination from a mobile device, transmitting jobs and job reports via a communication module and the agrirouter, the established data exchange hub.

The speciality of the process unit is that it is controlled by the implement and not vice versa. This detail was considered imperative for achieving optimum results.

The implement and the drive unit act as one integrated smart system.

Based on the long experience in the application of ISOBUS and TIM on Krone and Lemken machines, the drive unit and implement communicate and interact, sharing

literally all types of data.

The Combined Powers design concept also brings further benefits, because it was also developed to counter the increasing shortage of skilled labour in agriculture.

Also, it will free farmers from spending those long days in the field. Instead, they will become system operators who merely monitor the process unit which delivers a consistently accurate quality of work.

Thanks to its enormous versatility, the unit is designed for year-round work and a long service life.

Intensive trialling in all types of conditions and seeking feedback from farmers and contractors will continue this year.

Further information is available at www.combined-powers.com





Happy retirement! **Allan Taute**



This year marked Allan Tautes twentieth and final year at Tulloch Farm Machines. Allan has been our operations manager for a number of years and has had multiple roles within the company.

Originally from Zimbabwe, Allan and his family made the move to New Zealand and he joined us in 2002 as our Service Manager. He has been a solid part of the team ever since. Allan had a strong background in farm machinery and was able to bring a lot of knowledge to the role. "My time here has been enjoyable

and I have formed many great relationships with staff, customers and suppliers along the way," Allan says.

Allan is looking forward to travelling overseas to visit his children with wife, Maureen. He also looks forward to exploring a little bit more of New Zealand now that he has some time on his hands.

We wish him and Maureen a fantastic retirement and thank him for his significant contribution to this company.



New Assembly Apprentice **Kiernan Morris**

A big welcome to our new assembly technician and apprentice, Kiernan Morris. Kiernan has already worked for us over the summer months to get a good introduction to workshop life and has now joined us on a full time basis.

He was born, raised and homeschooled in Carterton and has decided to put his problem-solving abilities and desire to work with his hands to good use by starting his career in mechanics. Kiernan enjoys fixing things and understanding how things work. Welcome to the team Kiernan!

New Parts Assistant **Jaime McRae**

We would also like to welcome Jaime McRae to our Wholesale Parts team. Jamie hails from Masterton but has spent some time in the Hawkes Bay due to his 13 years of experience in the apiculture industry.

Jaime is the proud dad of a daughter and has just welcomed a son in late July. He wanted a change of scenery and saw the opportunity to spend more time with his family here in the Wairarapa by joining our team. We're happy to have him onboard!

