

GRASS & GRIT



SUMMER NEWSLETTER 2018



NEW RELEASE

Big X 1180 - The Worlds Most Powerful Forage Harvester



The new release BIG X 1180 made its debut in September of this year. The new Krone flagship, which completes the top of the Krone BIG X 680, 780, 880 forager ranges, underlines the company's long-standing excellence as a manufacturer of high-capacity forage harvesters.

The extra engine power is generated by the 24.24-litre, 850kW/1165hp Liebherr V12 engine. This makes the Krone Big X not only the world's most powerful forage harvester but one that scores on very useful engine features. For example, oil, filter and valve service intervals have been extended to 1000 hours and all models in the range are naturally compliant with emission stages V and Tier 4f (relying merely on SCR emission treatment). Also, the Big X 1180 is available with the Krone lift cab.

Another innovation is the roller conditioner. The OptiMaxx 250 CornConditioner has its teeth slanted at a 5° angle which results in an even higher performance. The new 250mm diameter rollers are available with 105/123 or 123/144 teeth. 105/123 teeth suit medium and long chopping lengths whereas 123/144 teeth are ideal for short and medium chops. The speed differential is 30% or 40% / 50% as an option.

Also as an option, the Big X 680, 780, 880 and 1180 models can adjust the counterblade, which allows operators to reset the counterblade within seconds by a touch of a button or manually from the external control.

OptiMaxx 305: The biggest-diameter rollers on the market

Higher engine power and throughputs require the new Big X 1180 to use larger-diameter conditioning rollers. Therefore the conditioner's rollers increased to 305 mm in diameter (OptiMaxx305) with teeth slanted at an angle. These changes lead to a unique shearing effect, increase the friction surface area and the circumferential speed.

The OptiMaxx 305 roller conditioner stands out for an exemplary crop intake and intensive treatment – even in long chops. Another practical feature is measuring the temperature inside the bearings and displaying it on the screen – an important detail that ensures reliable and safe operation.

EasyLoad: The automatic filling system from Krone

Equipped with a camera-based 3D image analysis and the automatic EasyLoad filling system, the forager offers convenient filling of trailers that run alongside the harvester.

The system controls the spout automatically (open/close spout flap; rotate spout right/left) and allows operators to select various filling strategies such as 'front to rear'. The operator can conveniently monitor all machine functions from the cab including filling levels.

Moisture and nutrient meter with online AgriNIR measuring

The optional AgriNIR online sensor supplies accurate data on the crop's moisture and nutrient levels. It supplies the important crop

information and stores the data to the Krone terminal and can be processed by various software applications.

Tis the season... ...FOR DEMOS!



Out & About - BIG X 630

The BIG X models from KRONE are precision-chop forage harvesters that deliver an exceptional quality cut, maximum throughput and impressive comfort and convenience.

A demonstration programme for the Big X 630 is now in progress. We have put this machine to the test for a few clients in the Wairarapa, Taranaki, Manawatu, Otago and Southland regions and so far the feedback has been excellent.

If you are interested in learning more about this machine contact n.gillot@tulloch.nz (North) , t.darling@tulloch.nz (South) or j.tulloch@tulloch.nz or phone 06 370 0390 for more information.

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OUR CLIENTS

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Precision Planter: Exactly what Fodder Beet needs



Milton farm contractor Joe Herbert expects his business workload will increase about 15% in the next two years due to his purchase of a precision planter.

Joe bought the Monosem NG Plus ME (Monoshox with Electric Drive) in spring last year and was the first in New Zealand to purchase the electric drive model.

“The ISOBUS System and section control are easy to use and the automatic row shut off takes the worry out of doubleplanting.”

He said business had already increased by about 5% with the extra work he had picked up from having a precision planter and the increase looks set to continue.

Joe has one full time staff member working alongside him all year around at Joe Herbert Contracting and employs an additional three people during the peak season. His business services farmers from Henley to Clinton and up to Lawrence.

Joe undertook due diligence on the machine to ensure the Monosem was compatible with his John Deere Large Ag Tractors. He purchased the planter through Drummond & Etheridge, who in turn sourced it from importer Tulloch Farm Machines.

He uses the pneumatic 12-row planter mainly to sow fodder beet and, occasionally, swedes. Joe said the self-sensing unit, called the Response Smart Planting System, ensures precision and the fact the planter had its own generator meant less wear and tear on his tractors.

“My clients are very happy with the results, especially

as I can get the DAP (Diammonium Phosphate, a starter fertiliser that includes nitrogen and phosphorus), down with the seed.”

Fodder beet is now part of many winter feeding systems throughout the country, mainly due to its high yield potential. To achieve these high yields, more inputs are required than for other winter forage crops, such as precision planting and applying fertiliser during sowing. (Source = <https://www.farmlands.co.nz/Help/FarmingAdvice/Nutrition/take-no-short-cuts-with-fodder-beet/>).

Precision planting does not only involve a regular distance between seeds but also the planting depth regularity, the pressing of seeds and the furrow closure. This is what the Monosem planter delivers in a five-step process:

1. Clod removers clean the way for the future planting line pushing out clods, stones or rubbish.
2. Double discs open the furrow at a depth defined by the gauge wheels.
3. The V-tip finishes the bottom of the furrow for an optimal seed placement.
4. Curved seed chute tube accommodates the seeds unhindered into the furrow.
5. The adjustable open press wheel unit closes the furrow around the seed for optimal seed germination.

John Tulloch of Tulloch Farm Machines started importing the first Monosem NG machines in 2009. John said; “there has been a consistent increase in the popularity and sales of these planters since then as the reputation of Monosem has become better known due to its reliability and excellent planting results.”

VISITORS & NEWS



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Visitors From Far & Wide...

Emmanuel Portier from **Monosem** France visited the Tulloch site in September to keep us updated on new developments taking place with the Monosem range. While in New Zealand, he visited a number of Monosem customers to discuss their experiences with the products.

Always a pleasure! Au revoir Emmanuel!



Emmanuel Portier from Monosem with John Tulloch

News on the Go!

Grasslands Tour 2020

Due to an overwhelming response, the 2020 Grasslands Tour has been booked to full capacity. If you are still interested in being considered for the tour, should spaces become available, please contact a.macleod@tulloch.nz or call 06 370 0390 to be placed on the waitlist.

Demonstrations of mechanical weed control

Demonstration days for the Einbock mechanical weed control system are currently in progress. Demos have already been taking place in Hastings and Gisborne and will be ongoing. Contact Nick Gillot at n.gillot@tulloch.nz or call (06) 370 0390 for more details.

Christmas Hours

Tulloch Farm Machines will be closed on Christmas Day, Boxing Day, January 1st and January 2nd otherwise it is business as usual. Our service team will have on-call staff to assist during this period with the exception of Christmas Day.

Snap Happy!



The new BiG M 450 in action in Southland



Wellington Free Ambulance accepting \$33,545 donation as a result of the Tulloch Charity Auction held at Rural Contractors Conference in June 2018.



WIN!

Get snap happy and send us a high resolution photo of your machine in operation to feature in our next newsletter!

Please send entries to a.macleod@tulloch.nz with a caption.*

The winning photo will receive a Krone cap and mug!

*Please note: By submitting a photograph you acknowledge that permission is granted for that image to be used for potential promotional purposes by Tulloch Farm Machines.

NEW PRODUCTS



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Introducing Strebel



Strebel SAG 16 6 Row Rotor Strip Till System with Monosem Planter

We are happy to announce that we have a new supplier of **Rotor Strip Till systems** at Tulloch Farm Machines. **Strebel** is a swiss company that originated as a contracting business and developed into a manufacturer of quality machinery using their working knowledge of what was necessary for effective tillage.

Combined with a planter and front tank, the **Strebel** rotor strip till system provides a solution for future farming with lower input costs, less erosion and better environmental outcomes.

Strip tillage machines such as the Strebel are now being used in New Zealand to establish maize, sweet corn and fodder beet crops.

Strip tillers cultivate strips for the seedbed without disturbing the soil between them.

Farming is about compromise. Crops like a fine seedbed for reliable germination, but cultivation can damage the soil structure, and exposed soil can be eroded by wind or rain. We want to plant crops and re-grass, but how do we minimise the gap in production? Somewhere in there is the ideal balance and strip tilling can be a way to reach it.



We wish you and
your family a very
Merry Christmas
and a happy and
safe holiday season!

Tulloch
Farm Machines
For technology that works!



KRONE FINANCE
FROM \$0 DEPOSIT

Finance Lease. Valid until 31st December 2018.

Terms & Conditions: Interest rate 4.49% p.a. fixed for the term of the loan. 35 monthly payments inclusive of GST and one final payment of \$1.00. First payment on delivery. Interest rates are valid until 31 December 2018 for delivery prior to 31 March 2019. Lending criteria, fees, terms and conditions apply.