



DEUTZ-FAHR UPDATE

SUMMER 2018-19



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WORKING HARD WITH THEIR TEAM
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Purchase any Deutz-Fahr Pro-Series and visit the factory



We believe our new Deutz-Fahr Professional Series range of tractors are second-to-none, so we'd like to show you how our state-of-the-art tractor is manufactured. For a limited time, we're offering everyone who purchases a new Deutz-Fahr Pro-Series 6, 7 or 9 tractor a trip for two to Germany, for a tour of the Deutz-Fahr factory in Lauingen.*

After three years of planning and construction time, Europe's most modern tractor plant was officially opened in the Bavarian city of Lauingen in May 2017; Deutz-Fahr Land. In January the new plant started the production of high performance tractors from 130Hp. The 6 Series, 7 Series and 9 Series tractors are manufactured here for the worldwide market.

The building revolutionises tractor manufacturing through the use of state-of-the-art technology in the areas of assembly and painting and for the hydraulics, electronics and chassis tests for quality assurance. Setting new benchmarks for efficiency, productivity, and quality in manufacturing.

Together with the new customer centre, Deutz-Fahr Arena, the overall investment of 90 million euros is the single largest individual investment in the company history.

Welcome to the latest issue of the Deutz-Fahr News, a publication that gives insight into the brand both here in New Zealand and abroad.

Last year has proven to be an incredibly successful one for Deutz-Fahr globally with the completion of an entirely new production facility in southern Germany. This new manufacturing plant has paved the way for the production of the all new professional range of 6,7 and 9 series tractors.

Spanning 155 through to 340Hp, this range with Powershift and continuously variable transmissions offers significant scope and options for the most demanding end user and lays the benchmark for future models.

This new product range made its debut 12 months in New Zealand, resulting in an incredibly successful rollout of the most advanced Deutz-Fahr products to ever reach our shores.

To further complement this popular series of tractors, Deutz-Fahr has recently released a global range of 6G tractors that span 135 to 205Hp. This exciting new product offering shares many features and functions from the professional series whilst also combining the proven technology of Tier 3A Deutz-Ag engines.

A true formidable package with German build quality and mass market appeal. As this publication goes to print a large number of 6G demonstrators in a range of sizes are going to work nationally, giving end users a chance to try the latest product offering from Deutz-Fahr and put our new marketing campaign to the test.

We at Power Farming are quietly confident that once you try a Deutz-Fahr, you'll want to buy a Deutz-Fahr. Therefore if you demonstrate one of our Deutz-Fahr products and purchase an alternative brand, we will reimburse you for your time by paying you \$1,000". For a chance to get behind the wheel of a new Deutz-Fahr tractor, contact your local Power Farming dealer.

Deutz-Fahr's significant investment into Research and Development has resulted in an influx of exciting new models that are yet to be released. Watch this space for updates on product release dates as Deutz-Fahr continues its rollout of cutting edge premium tractors.

Enjoy the read. All the best for a productive Spring season.

Alistair Horrocks
Deutz-Fahr National Sales Manager

Hire options available



Do you have an aging fleet? Is the reliability of your current fleet costing you in non-productive downtime? Struggling with seasonal demands?

Hire the new Deutz-Fahr professional series of tractor for the current season and enjoy high productivity, a fully serviced lease and one of the most competitive hourly rates in the industry.

What's more, at the end of the season if you decide you want to own the tractor then we will refund your seasons hire.*

Call 0800 23 33 44 for more information on hiring a tractor directly from Power Farming.

POWER FARMING
HIREDIRECT™

*Terms and conditions apply. Contact your local Deutz-Fahr dealer for more information.

Big Deutz-Fahrs with auto steer make a world of difference



Northland contractor Keith Inverarity says his two Deutz-Fahr 7250 tractors with GPS auto steer have made a huge difference to his business, so much so that he has a third identical tractor on the way.

Keith owns and operates Jacobs Contracting in Kerikeri, which undertakes a wide range of services including fertiliser spreading, cultivation, drilling, spraying and baling round and large square bales.

He has owned a total of seven Deutz-Fahr tractors in the past and has had his two existing 7250 models for three and four years respectively.

“We have got a new-model 7250 coming. It will be turning up next month,” he says.

“We run the 7250’s with auto steer and we use them for precision spraying with a 3,000-litre, front-and-rear spray tank and a 15m boom. We also use auto steer for cultivation and drilling.”

Keith’s son James drives the 7250’s and has nothing but good things to say about them.

“They are very comfortable and the fuel economy is good, it allows more hours working before refuelling is required,” he says.

“They are easy to use and the cab layout is good, as well as the visibility. For a high horsepower tractor they are quite manoeuvrable and compact. They are just a good tractor to sit in all day and do what you need to do.”

The GPS auto steer is an incredibly important feature of the tractors, as a lot of James’ work involves him looking behind while he drives.

“As long as I know there are no obstacles to avoid, I can spend more time looking at the implement. I know that everything is going alright

and we are achieving consistent planting at the same width and no overlapping or underlapping,” he says.

“There is no second guessing and you know every pass is going to be accurate. I do long hours and it is a lot harder to keep up that consistent width without the auto steer.”

“It allows you to focus on what you are doing rather than concentrating on driving a straight line or doing a consistent pass.”

Keith says while the auto steer costs them \$250 a month per tractor for the service, they make that up with the amount of time it saves.

“We are gaining a quarter of a hectare per hour with the area we cover with auto steer, because there is no overlap,” he says.

“The job also looks better as the lines from the drill and the power harrow with the air seeder are straighter. With the wider implements, having auto steer allows you to be more efficient because it is harder to judge when you go wider. There are no gaps missed and the drivers achieve more in a day, as it also helps reduce driver fatigue.”

In addition, auto steer tells the driver how long it will take to finish the area and helps calculate seed rates per hectare.



** Terms and conditions apply. Go to deutztractors.co.nz/trydeutz for detailed terms and conditions. Contact your local dealership for more information.

LATEST NEWS



DEMO A DEUTZ-FAHR AND IF YOU BUY ANOTHER TRACTOR WE’LL REIMBURSE YOUR TIME**

At Deutz-Fahr we believe you’ll like our quality range of tractors so much – we’ll guarantee it.

We also understand your time is valuable... so demo any Deutz-Fahr tractor and if you decide to buy an opposition tractor we’ll give you \$1,000 for your time.** That’s how confident we are.

Call your local Power Farming dealer today to find out more and organise a time and place to demonstrate a Deutz-Fahr.

NEW RANGE OF TRACTORS COMING TO NEW ZEALAND SOON



Deutz-Fahr are proud to release a new generation of highly innovative specialist tractors that meet the exacting demands of specialised farmers.

Thanks in part to the new geometry of the front axle frame, a steering lock angle of up to 60° is possible. With the shortest wheelbases in their class, the new specialist tractors from Deutz-Fahr are the most agile on the market. They also have independent suspension on the front axle, highly efficient FARMotion engines and 40 km/h ECO powershift transmission. Engines, cooling systems and fuel tanks now even more compact under the revamped bonnet. New to this range is the market leading, 126 l/min hydraulic oil flow capacity including other hydraulic configurations.

With 44 models in total offering an output from 75 to 113Hp Deutz-Fahr can offer equipment options ranging from high-tech to economical, from vineyard and orchard work to gardening, landscaping and municipal applications.

With 340hp on tap, **the big Deutz-Fahr 9-Series** is finding plenty of work on the farm



LOCATION: Duntroon, Waitaki Valley

FARMING: Dairy Farming

TRACTOR MODEL:

Deutz-Fahr 9340, Deutz-Fahr TTV630, Deutz-Fahr M620, Merlo 35.7 Telehandler (Deutz engine)

LOCAL DEALERSHIP: Power Farming Timaru

Originally from the dairying heartland of the Waikato, the Fenwick Family 'emigrated' to the mainland around 18 years ago, setting up Grandview Dairies at Duntroon in the Waitaki Valley.

Today, the operation milks 2,300 cows on a 615ha platform with three milking sheds, that is complemented by a nearby support block that carries 600 R2 heifers on 324ha. Steve and Maylene have obviously passed on their love of cows, with son Dean taking a 22% share-milking contract for one of the herds that commenced on June 1st.

As with many dairy operations, tractors and machinery are a means to an end, but with close to 3,000 head of stock needing attention in the case of the Fenwick's, there is a need for reliable, productive tractors to get things done. At Grandview, the choice of tractors falls to Deutz-Fahr, with the two key prime movers being a high-tech TTV 630 and TTV 9340. The former, arrived on the property around 5 years ago and currently shows 4,000 hours, while the larger 9340 appeared around one year ago and shows 400 hours.

Both tractors feature Deutz fuel efficient engines, that in turn are mated to ZF-sourced stepless transmissions that deliver precise speed control over a wide variety of tasks. The smaller 630, pushes out around 230hp

and is the 'go-to' tractor for tasks such as urea application, undertaken with a high-tech Vicon Geospread unit, that with an eye to the future, provides proof of placement for regulatory organisations, while making use of the tractors GPS system for accuracy of application. The 630 also pulls a high capacity feed trailer, while during the cultivation season there is plenty of work ahead of a 9m MaxiTill or roller set.

With the arrival of the 9340 in 2017, the 630 was given a breather from pulling the operations 5.5 metre Simba Xpress cultivator, a task that Fenwick admits left the tractor a little 'breathless' on the farms rolling terrain. Now with 340hp on tap, the big Deutz is finding plenty of work, typically establishing 130ha of cropping centred around 30ha of fodder beet and 100ha of HT kale, with the latter sown to oats after grazing to provide a silage crop in November. Add to that a regime that also sees 40ha of turnips and 60ha of grass reseeding, then the 9340 isn't often idle.

Steve Fenwick sums up the decision to use Deutz tractors by commenting "Both the 630 and 9340 have plenty of power and plenty of weight, that in turn equals great traction. This allows us to be boss of any job and get things done quickly, often in short timeframes because of weather or crop requirements. At the same time, they also offer us a degree of spare capacity for

the future”. He goes on to describe the ease of use, particularly with the help of GPS, but also smart technology like headland management, that controls machine sequences to make easy turns, that can also be stored and recalled when the machine is used again in the season.

Also getting a big ‘thumbs up’ is supplying dealer, Power Farming in Timaru, who are only a phone call away and committed to get things back on track if there is a breakdown. That performance, reliability and local support is obviously catching, as Dean Fenwick also chose Deutz-Fahr, in this case an M620 for his operation.

The final part of the Grandview operation is the introduction of a Merlo 35.7 telehandler, again sporting a Deutz engine, that in the six months since its arrival has become an integral part of the system. With 115hp on tap and the ability to lift 3.5 tonnes to 7 metres, the Merlo feeds out silage, moves the raft around the effluent pond, loads and unloads trucks, while also moving big bags of seed at planting time. Fenwick sums up “The arrival of the Merlo has changed the way we do things-I really can’t believe we took so long to bring one into the operation”.



9 SERIES

Only the best is good enough and that is what the 9 Series offers. This tractor incorporates modernism, efficiency, intelligence and high horsepower into one highly technological easy-to-use unit.

- 340Hp Deutz Ag Tier 3A Engine (no AdBlue)
- Twin-turbocharged 7.8-litre six-cylinder engine
- ZF TTV continuously variable terramatic transmission
- Front externally mounted dry disc brakes
- 12" iMonitor2 control centre
- Comprehensive LED lighting package
- 160 l/min CCLS Pump

TOP OF THE RANGE TRACTOR, FULLY GPS READY WITH THE NEW MAXIVISION CABIN 2



Rut-busting around Ashburton made easy with easy to operate TTV transmissions



LOCATION: Ashburton, Mid Canterbury

FARMING: Earthmoving contractor

TRACTOR MODEL: Deutz-Fahr TTV630, Deutz-Fahr TTV7250

LOCAL DEALERSHIP: Power Farming Ashburton

Mark and Andrea Davies operate the aptly named Welshy Contracting, in Ashburton, Mid Canterbury. As the name suggests, both hail from the land of my fathers, arriving in New Zealand in 2001 after operating a successful contracting business in Wales for the previous fifteen years.

Today, the business employs 15 people providing specialist earthmoving, site clearing, trenching and fencing services throughout the region and beyond. An increasing part of the business undertakes farm maintenance and development, drainage and the installation of irrigation lines.

Part of their extensive armoury centre around a brace of Deutz-Fahr tractors, a four-year old TTV 630 showing 3000 hours, and a three-year old 7250, that has clocked up 1500 hours. Both units feature the ZF-sourced TTV, continuously variable transmissions, that combine stepless speed control with four mechanical ranges to deliver precise speed with maximum mechanical effect for greater efficiency.

Both tractors are heavily ballasted, up to 14 tonnes in the case of the 7250, giving them great 'pulling' ability, a vital trait when using the company's deep mole systems to install fibre optic and electrical cables and installing water lines into virgin ground.

For haulage applications, especially over shorter distances, the tractors are used to shift plant and machinery on NC low loader and step-frame trailers that the company also imports, getting to speeds of 50kph quickly, and running a fuel-saving engine speed of only 1450rpm.

'Welshy' Davies notes "we find the tractors very easy to operate, given the simplicity of the TTV transmissions – you just dial in the speed you require, and the tractors do the rest." He also notes the fuel economy, a

On a recent job undertaken over 8.5 hours, the 7250 TTV 'loosened' an area that required 350 tonnes of backfill, while only using 230 litres of diesel.



combination of the legendary Deutz engines and the high-tech transmissions, in high draught operations. As part of their services to dairy farmers, they offer a ‘rut-busting’ technique under the irrigators commonly found in the area. A modified mole removes compaction created by irrigator drive wheels, that in turn gets filled with shingle backfill from a trailed hopper. On a recent job undertaken over 8.5 hours, the 7250 TTV ‘loosened’ an area that required 350 tonnes of backfill, while only using 230 litres of diesel.

Operators in the business also praise both tractors great visibility, especially when operating with a Trima +7.0P front end loader, the tight turning circle, and the ability to easily programme repetitive, multiple tasks through a single touch of the seat-mounted PowerCom control lever.

‘Welshy’ comments further “We prefer to use the tractors with our heavy-duty dump trailers, over the three axle tipper trucks we also have available. On short runs we can carry loads of up to 20 tonnes, have better traction on difficult terrain, alongside quicker cycle times. This combines to give us outputs that are over twice the truck-based system.”



7 SERIES

The 7 Series represents the culmination of highly innovative and intelligent tractor technology.

- 246Hp Deutz Ag Tier 3 Engine (No AdBlue)
- TCD 6.1 litre 6 cylinder engine
- ZF TTV continuously variable S-matic transmission
- Pneumatic cab suspension
- Fold-out aluminium cooling pack
- GPS ready
- 12" iMonitor2 control centre



**FULLY SPEC'D,
PREMIUM TRACTOR
LATEST PREMIUM
CABIN OFFERING
FROM DEUTZ-FAHR**



High Spec and up to date technology make the 6-Series a perfect choice for contractors

Making the right choice with machinery comes as second nature to Rowland Smith from the Hawke's Bay. Currently the 2018 Golden Shears Champion, and the World Record Holder for shearing 644 strong wool sheep in eight hours, Smith also has a home block where he trades sheep, and a contracting business that operates up to 50km from base.

Prime mover for the contracting falls to a Deutz-Fahr 6165RC tractor delivered at the start of the year, and now showing around 300 hours under its belt. Called upon to deliver services such as direct-drilling with a Taege drill, cultivation, power harrowing and seeding, the 169hp rated tractor is kitted out with duals for traction and safety on slopes, and a Trima+ 5.1P loader that comes into its own with bale loading and digging duties.

Smith comments that the big Deutz was an easy choice at the time, offering high specification, up to date technology, and a price that offered exceptional value for money. Alongside an engine that delivers power, torque and low fuel consumption, Smith sings the praises of the RC transmission sourced from industry specialists ZF.

The RC layout delivers 5 main speeds coupled to a 6-stage Powershift, that means operators have 30 forward and 15 reverse speeds available, so every situation is covered. Add to that, control systems allowing manual, semi-automatic or fully automatic operation, then the RC really comes into its own. In the paddock,

Smith can control the powershift steps manually, or alternatively, choose the semi-auto function, pick the range and let the auto system select the right powershift step for the job dependent on engine load and pre-selected speed. Out on the open road, or for on-farm haulage duties, the fully automatic function makes changes seamless, changing not only powershifts, but also ranges, with speed matching, to effectively automate shifts from speed 1 right through to speed 30.

Rowland also sings the praises of the suspension systems of the front axle and the cabin, the former with 120mm travel that combines with the cab system to create a stable ride whether on the road, or in the paddock crossing ploughing or rutted headlands. The cabin also offers great visibility in all directions, comfort with air-conditioning and an air-suspended seat, and intuitive control via a logical layout. Colour coding sees key areas easily identified, with orange controls relating to movement, gear selection, throttle and 4WD systems, yellow signifying PTO functions, green denotes three-point linkage and blue for external services.

Add to this easy access for daily fluid checks, industry leading access to the radiator groups, and the support of a local dealer that can call on parts and service back up by a parent company that has over 70 years supporting NZ farmers and contractors, and it looks like Smith is on to another winner.



6 SERIES

Intelligence rises to power and that is what the Deutz-Fahr 6-Series demonstrates. A Tier 3 engine, minimal fuel consumption and maximum efficiency to boost productivity are all rolled into one.

- 171-226Hp Deutz Ag Tier 3 engine (no AdBlue)
- TCD 6.1 litre 6 cylinder engine
- Choice of either TTV or RC shift ZF transmission
- Adaptive front axle suspension
- Axles sourced from leading manufacturers, Carraro and Dana

LEGENDARY FUEL SAVING DEUTZ ENGINE WITH ALL NEW MAXI-VISION CABIN



Fuel efficiency is driven by a range of options *making the 6-Series easy to drive*

With a 600-cow dairy herd, barn-housed in winter then spending the summer months on a 230ha main platform, complemented by a 100ha run-off block - Maurice Dodd from Winton Southland, knows the value of reliable, productive tractors and machinery.

A recent move from a rival brand saw the arrival of a bright green Deutz-Fahr 6185RC tractor that soon became a key lynchpin in this progressive dairying operation.

Now with 400 hours on the clock, the tractor is well settled into the system, currently spending a good deal of its time pulling a 12 cubic metre Joskin slurry tanker. The move into Spring and Summer will see it move to duties as the powerplant for linkage-mounted front and rear mowers, undertaking both harvesting and topping as required. The combination with a 6.5 metre cutting width, will be easily achieved with a rear linkage that is set up to handle 9200kgs, the front system that boasts an industry-leading 5,200kgs, and a maximum power output of 188hp.



While only taking a sip of fuel, power and torque are both available with instant effect, particularly so when changes of direction are made.

Updating from that rival brand, has caused Dodd to realise that the bright, roomy cabin offers a great working environment for long days, not least because of the superior comfort offered by the cab suspension and the air-activated seat, but also the fact that it works in conjunction with the double-acting, long travel set-up on the front axle. Equipped with integral disc brakes and speed variable control that offers Anti-Dive and Anti-Rise software, the combination allows faster cycle times, especially on effluent duties, getting more work done during each day.

Much of that efficiency is driven by the

fitment of the RC Shift transmission, that besides offering 30 forward and 15 reverse speeds, via 5 main speeds and 6 powershift steps, also delivers three distinct operational modes. Using the conveniently located arm-rest mounted Maxcom joystick, the operator can choose manual mode, that gives full control of range and powershift settings, semi-auto, that sees the driver selecting the appropriate range, from where the system shifts through powershifts in the range subject to load or speed, or the full auto function, that makes driving this big tractor as easy as the family car. Indeed, the full auto mode changes both ranges, with speed matching, and the powershift steps from speeds one to thirty, making the system ideal for transport or roading duties.

Dodd also notices that the big Deutz is a little camel-like on the fuel consumption front, working many hours between drinks of diesel, suggesting in some tasks it's using around 25% less than the rival brand it replaced. While only taking a sip of fuel, power and torque are both available with instant effect, particularly so when changes of direction are made.

Key to deciding to choose Deutz-Fahr was an endearing relationship with Hamish Craig of Power Farming Invercargill who offers dedicated sales, service and parts support, bolstered by parent company Power Farming Wholesale.

Of course, the success of the product can be measured by the often asked \$64,000 question- "would you buy another?" to which Maurice Dodd responded a resounding "Yes".



KEY POINTS

LOCATION:

Wairoa, Hawke's Bay
Winton, Southland

FARMING: Contracting tractor and Dairy Farming

TRACTOR & MACHINERY:
Deutz-Fahr 6185RC with 400 hours and Deutz-Fahr 6165RC with 300 hours

LOCAL DEALERSHIP:

Power Farming Hawke's Bay and Power Farming Invercargill

The all new Deutz-Fahr 6G Series – next



The arrival of the Deutz-Fahr 6 Series tractors in 2017, raised the bar for styling, technology and productivity for modern high horsepower tractors. Blending cutting edge design from Italian specialist Guigiaro, with high tech engines and transmissions from Deutz AG and ZF, the 6 Series tractors have contributed to Deutz-Fahr being the fastest growing brand in Europe.

The new addition to the series, the 6G, means that the expanded range now encompasses a range from 135 to 226 horsepower, with a blend of technologies to deal with a vast array of situations.

Building on a family look already seen in the existing 6RC and 6TTV models, the 6G replaces the outgoing M Series, and looks set to be the champion of the range, given a broad base of standard features and the option to specify upgrades to meet individual circumstances. It should also be a particularly good fit for those looking for high-end performance, but not requiring the likes of GPS or autonomous steering.

Looking at the range in more detail, the five-model range, designated 6135G, 6155G, 6175G, 6185G and 6205G offer maximum engine outputs of 141, 163, 177, 190 and 203hp respectively. That power is delivered by a proven Deutz TCD 2012, 6-cylinder engine, that meets Tier 3A emission regulations, thereby removing the need for any after treatments such as SCR, but still delivering fuel economy that competitive manufacturers dream about.



6G SERIES

Looking for a tractor that responds to your needs and delivers superlative productivity but is also cost efficient to run, simple to use and delivers simplified maintenance?

The Deutz-Fahr 6G Series tractors have tried and tested Stage 3A compliant 6 cylinder Deutz engines, matched with highly efficient ZF transmissions and class-beating hydraulic systems.

- 135-205Hp Deutz Ag Tier 3A engine (No AdBlue)
- 30 x 15 ZF transmission (54 x 27 with creeper)
- Electronic RC shifter (6185G/6205G)
- Adaptive front axle suspension
- Up to 50kph road speed

**MORE SPEEDS MEANS
MORE POWER AND
FEWER INTERRUPTIONS**



level productivity

Those models are further split into Vista and Summit formats, with the latter including a new adaptive front suspension system with 120mm travel, anti-rise and anti-dive systems, locking diff and 50kph capability, while the Vista sees a new rigid front axle, limited slip diff, and 40kph.

The ZF-sourced transmission, features 30F and 15R speeds, delivered by 5 ranges and 6 powershift steps, provides automated powershift changes, while the 6185G and 6205G, also benefit from automated range changes. Auto-shifting is based on engine load, so a simple dial up control allows operators to change shift points to suit a range of tasks that might include the heavy draft forces of cultivation, or the PTO loads imposed by baling. Ease of use is also the forte of the Sense Clutch function incorporated into the forward/reverse power shuttle operation, where a choice of five easily adjustable settings control the aggression of the clutch bite-point. To suit specific tasks, customers can also choose optional transmissions from a base 24/12 right through to a 54/27 layout for an ultimate range of speeds.

In the hydraulic department, Vista versions utilise an open-centre system with up to 110l/min flow, while Summit can deliver up to 125l/min via its CCLS set-up. Mechanically controlled rear remotes, with four or eight outlets are model specific. Likewise, rear lift capacities range from 6,200kgs on Vista through to 9,700kgs with Summit.

Inside, the new Power Vision Cabin sees the complete assembly being detached from the engine hood, helping to isolate vibration and reduce noise, but also helping to reduce heat transfer from the engine. A remodelled air conditioning system is now mounted in the roof cavity and delivers increased capacity over previous set-ups.

The new 6G will certainly catch the smart operators eye, particularly with a range of flexible finance options that are available throughout the country, so get to your Power Farming dealer now.



Plenty of grunt available with the classic Agrottron M Series range of tractors



The 6G supercedes a New Zealand classic, the Agrottron M Series. This tractor has become a favourite for farmers throughout New Zealand and Australia.

Les Inch from Oxford in Canterbury operates a 500ha dry stock farm specialising in dairy grazing, rearing beef steers and fattening lambs.

With 90% of the farm under irrigation, stocking centres around 1,000 dairy cows, 500 R2 heifers, 200 beef steers and up to 1,500 fat lambs. A key cog in this busy operation is a German-built Deutz-Fahr M620 Summit tractor that finds multiple uses at the holding. Called upon to pull a 10 cubic metre Macintosh silage wagon to feed stock, the 'grunty' Deutz also provides the motive power for around 200ha of cultivation during a typical season.

With cropping encompassing kale, maize and rotational re-seeding, the M620 gets called upon to pull a deep ripper after the kale to remove compaction, pulling an Amazone disc cultivator, alongside towing a heavy, large-paddle roller. With 500 hours on the clock, amassed during the tractor's 16 months on the farm, Inch has a few thoughts on the purchase.

At the time of purchase, Inch comments "The M620 appeared to offer exceptional value for money when compared to tractors of similar horsepower, offering standard features like front suspension, cab suspension and a constant power engine." Power comes from a German-built Deutz TCD 2012, 6-cylinder, 6-litre engine that delivers a maximum of 166hp and 655Nm torque. Inch notes "The tractor is never wanting on the horsepower front whatever the task and appears to be around 10-15% better on fuel consumption than other tractors we have used."

Inch comments that a recently purchased 6m air-seeder will be handled easily by the tractor's three-point linkage that has a capacity of 9,200kgs and works with the closed-centre/load sensing hydraulic pump that can deliver up to 120 litres of oil per minute. Also included in the package is a power beyond function, offering high oil flow, complemented by a high flow return, that should prove useful for powering the new air seeder's fan.

Weighing in at around 5.6 tonnes, and offering a maximum capacity of 9,000 tonnes, the M620 has plenty of capacity with an eye to upgrading implements in the future. Add to this great parts and service support from the Power Farming location at nearby Rolleston, then Inch looks to have the future covered, and like his first comment 'got real value for money.'

5-Series ups the game in hilly terrains

As well as running a successful commercial construction business, Doug Bodley also operates a 300 acre farm on the Bombay Hills, south of Pukekohe.

The steep property runs around 100 ewes and lambs, and a herd of 50 beef cows and calves, and because of the topography, needs a tractor that is safe to operate and delivers peace of mind. Having already had experience of Deutz-Fahr tractors, in the shape of an Agrofarm 420, that has been at the property for three years, Bodley recently decided he needed a little more horsepower than the 100hp the 420 had on offer.

The arrival of a new machine delivering 120hp, has been addressed by the 5120, but also brings with it several new features that make it more productive, easier to operate, and importantly very safe.

Power comes by way of a Deutz TCD 4-cylinder engine of 3.6 litres, electronically controlled and meeting the latest Tier 4i



emission regulations. Part of the design sees that engine delivering maximum torque of a rev range from 1,900 down to 1,200 rpm, meaning it offers the ability to ‘hang on’ as conditions get tough, and remove the need to hunt for gears.

The transmission layout sees a wet-clutch, power shuttle/Powershift layout that offers 60 forward and 60 reverse speeds. This is achieved with a choice of 5 speeds on the main gear lever, 4 ranges and 3 Powershift steps. A column-mounted power shuttle lever resides below the steering wheel and offers clutch-less forward or reverse direction changes, and incorporates the Sense-Shift control, allowing the choice of 5 stage shuttle aggression, meaning settings can be tailored to the job at hand. This might mean a more aggressive setting if digging into a pile of topsoil, or gentler when requiring sensitive positioning of fragile loads. But perhaps, the star of the show is the rather neat Stop and Go function.

After selecting a forward or reverse direction with the power shuttle lever, the tractor can be brought to a stop by simply pressing the brake pedal. This has the effect of cutting the drive smoothly and safely at speeds of up to 12kph, but also allows the operator to select a change of direction. Releasing the brake pedal re-connects the drive, allowing the tractor to move off

smoothly in the desired direction. This proves ideal for loader operations or when implements are crowded or raised and useful for repetitive headland turns.

As part of the package the tractor is fitted with a Trima loader, equipped with the company’s unique Easy Drive loader control system, that takes the form of an electronic, thumb-controlled joystick for all loader movements. The system also offers a degree of proportional control alongside delivering a digital display, and switch controls for third service and suspension.

As Bodley notes “The 5120 gives us a low centre of gravity, 4WD and 4-wheel braking - all great features on our slopes. Add to this that extra 20hp, that has made a huge difference to pulling our 8-tonne tipping trailer, and most importantly, we feel safe doing so.”



LOCATION: Bombay Hills, south of Pukekohe and Seaward Downs, Southland

FARMING: Sheep and Beef, Dairy farming

TRACTOR MODEL: Deutz-Fahr Agrofarm 420, Deutz-Fahr 5120s and Deutz-Fahr M600

LOCAL DEALERSHIP: Power Farming Auckland and Power Farming Invercargill

The 5120 gives us a low centre of gravity, 4WD and 4-wheel braking- all great features on our slopes.

The duo of Deutz-Fahr's offer great flexibility on a Southland Dairy Farm

Paul Hoekstra and Helena Lighthart milk 270 cows on 95ha at Seaward Downs, south of Edendale in Southland. This is complemented by a 40ha leased block nearby, used for supplement production and overwintering stock. The scale of the operation means the pair are engaged in all aspects of the operation, including fieldwork, so reliable tractors are the key to getting things done.

Those tractors are in the shape of two Deutz-Fahr units, an M600 and a 5120, the former purchased in 2015, and currently showing 1,500 hours, while the smaller Series 5 unit arrived in 2017, and so far, has clocked up around 800 hours. Hoekstra comments that both tractors earn their keep, working every day, and in the case of the M600, also spends time during the harvest period powering the business's McHale Fusion 2 baler/wrapper combo and producing around 1,500 bales.

Looking at the M600 in more detail, the couple praise the machines simplicity and lack of electronics, commenting "Its so easy for anyone to jump in and drive". Besides spending much of its time handling bales in the paddock during harvest, and the same bales during feeding out in the winter, the tractor also undertakes cultivation and re-seeding work during the growing season.

The smaller, yet equally useful 5120 is described as the 'everyday-go

to machine' and finds favour for its compact size and gutsy power output. Again, equipped with a front-end loader, the tractor spends much of its time on feeding duties, but as Hoekstra notes "Can still do the work of the M600, should the larger tractor be tied up elsewhere, or off the farm."

The cab layout of the utility Series 5 takes the general form of all Deutz-Fahr tractors, using colour coding to identify specific control groups, for ease of use and safety. In practice, orange denotes movement such as gear selection, throttle, 4WD and diff-lock, yellow points to PTO functions, green means three-point linkage, while a blue hue shows the operator to external hydraulic services.

Also, a favourite function on the 5120 is the unique 'Stop and Go' system that comes into its own during loader duties, effectively making the tractor as easy to drive as an automatic car. With the system switched on, the operator selects forward or reverse with the console mounted shuttle lever, then can stop the tractor with just the brake pedal, which also cuts the drive when pressed. Once a loader function has been completed, lifting off the brake pedal allows the tractor to move away smoothly in the pre-selected direction.

Combined with the McHale Fusion, the duo of Deutz-Fahr's offer great flexibility - when added to high levels of sales, service and parts support from Power Farming Invercargill, it certainly hits the spot.



5 SERIES

Wanting a reliable companion that will provide a fusion of efficiency, productivity, style and comfort? Then look no further than the Deutz-Fahr 5 Series. Expect high performance in New Zealand's demanding work environment.

- 105-130Hp 4 cylinder engines
- FARMotion/Deutz Ag Tier 4i engines (no AdBlue)
- Wet multi-disc clutch
- Up to 40kph road speed
- High speed steering system (SDD)
- Four-wheel independent braking
- Cab suspension
- Stop and Go for clutchless operation

**THE 5 SERIES RANGE
EMPLOY INNOVATIVE
TECHNOLOGY TO CATER
FOR ANY APPLICATION**



The Garland's enjoy Deutz-Fahr's reliability and productivity



KEY POINTS

LOCATION: Kinloch, Taupo District

FARMING: Dairy farming

TRACTOR & MACHINERY: Deutz-Fahr Agrofarm 420, Deutz-Fahr 5120 x2, Deutz-Fahr Agrotion M600 x3, Deutz-Fahr Agrotion M615, Deutz-Fahr 6185RC x2

LOCAL DEALERSHIP: Power Farming Morrinsville

Roger and Amanda Garland, with their daughter Brooke as Business Manager, operate the Y Wuri Trust, an extensive dairy farming operation in an area to the North of Taupo.

One might suggest that there's plenty to worry about, given the scale of the operation, with four dairy herds of 1,000+ cows, an effective platform of 1,600ha, and a team of contract milkers. Add to that, five dry stock/run-off blocks, 2,500+ young stock and heifers, with all calves raised on farm by the contract milkers wives, then you can see this is a sizeable operation.

Roger, like the rest of his team is very much a hands-on dairy farmer, often found at the wheel of a tractor, with the favoured brand being German-built Deutz-Fahr. The current stable includes an Agrofarm 420 ROPS unit, a pair of 5120's, three M600's, a sole M615, and a duo of the latest 6185RC models. The large fleet is dictated by the geography of the operation, but also considers that each location needs to be self-sufficient, so the focus on one brand means machines can be moved around, and easily operated by staff.

The smaller tractors in the fleet, such as the 420 and the 5120's are the utility tractors, like all the others they are fitted with front-

end loaders, and used daily to load bales, feed-out and undertake any tasks that are thrown at them. The M600's tackle the heavier jobs, putting their 140hp to good use towing heavier loads or feed trailers, while the bigger units, and the 6185RC's, are the 'grunt' on the farms. Called upon to undertake all the cultivation and cropping, the big modern Deutz's regularly pull Hooper Giant discs, a 5-metre power harrow, 5-metre roller-seeder, and the farms 3 metre Gaspardo drill. The power at hand also means that jobs can be undertaken quickly, often taking advantage of limited weather windows.

All the tractors are powered by Deutz engines, famed for their frugal fuel use, with Roger commenting "We like the Deutz tractors because they have low maintenance and running costs, as well as the fact that they're great to work in, and of course, they look really sharp."

The Garland's tractors are supplied by Power Farming Morrinsville, the joint-venture business between the Clarke and Maber families. Dating back to its founding by Laurie Maber in 1946, this led to the founding of the Power Farming Group, today the largest privately-owned distributor



of tractors and machinery in the Southern Hemisphere. Looking back at his records Roger notes “We first started using, what was then called Maber Motors, close to twenty years ago, using McCormick tractors to break-in large areas of forestry blocks. Those tractors worked hard and we got great support from Maber’s and Power Farming. Nowadays, that pioneering work is complete, but the operation still needs a reliable fleet of tractors to get the work done. As we’ve seen the Garland’s have switched to Deutz-Fahr, brought about by the fact that Power Farming switched to the German brand, but readily accepted by these large-scale dairy farmers because of the great support and back-up they received.

Roger summed up the relationship in the practical manner for which he is known,

...they have low maintenance and running costs, as well as the fact that they’re great to work in, and of course, they look really sharp.

commenting “Our operation relies on reliable and productive tractors and machinery to get things done. We’re smart enough to know that sometimes they break down, but Power Farming Morrinsville

is only a call away, and get us going with minimum fuss.” He goes on further to say, “We’re a family business and we like dealing with the Maber family, and now Richard Clarke. They give us a good price on the tractors and machines we buy, and a fair price for our trades. Add to that, the great effort the Power Farming Group

put into the regular trips they organise to Europe and Australia - something we really look forward to – it all comes together to keep us going back to the ‘one name that covers it all’.

In an operation like Roger’s, with multiple tractors and operators, any driver could be required to jump into any tractor to do a job on any given day.

Familiarity across the range is a necessity to making this transition as easy as possible, and a key principle behind that familiarity of Deutz-Fahr tractors, is the colour coded operating platform.

ORANGE = Transmission & main drive controls

YELLOW = PTO functions

BLUE = Hydraulic remotes

GREEN = Hitch



The Deutz-Fahr 4080.4E is an ideal **combination of sturdy construction & simplicity**



If versatility is a priority and you're looking for a tractor with a low weight-to-power ratio that meets your exacting needs for productivity, the new 4080.4E model is the perfect answer for you, whatever the task.

Powered by a 4-cylinder turbocharged and intercooled engine meeting Stage 3A emission standards, the tractors offer a combination of sturdy construction and simplicity, while an electronic engine governor helps optimise fuel consumption.

The 30F+15R speed transmission consists of five main speeds, with three work ranges and underdrive, with a maximum speed of 40km/h.

The hydraulic system comprises of separate layouts for steering and rear hydraulics, with the former offering a hydrostatic system, combined with a 55-degree steering angle for tight turns. At the rear of the tractor, an open centre 42L/min pump configuration feeds three rear remotes and offers 3,490kg lift capacity.

Selectable four-wheel drive combines with 100% lockable front and rear differentials for traction in difficult conditions, and braking is by oil immersed wet discs on all corners.

The spacious and comfortable cab offers driver comfort, reduced vibration and noise; productivity is further enhanced with the fitment of a German built factory loader that includes a third service and 1.5m bucket.



4 SERIES

In need of a tractor that is versatile and a combination of simplicity and sturdiness that help meet your needs for productivity? Then the new 4080.4E model is the perfect fit for you - whatever the task.

- 80Hp SDF 1000 Series
4 cylinder engine
- 5 speed 30F + 15R transmission
with creeper
- Front and rear diff lock –
100% mechanically engagement
- Mechanical shuttle with lever
on dash
- True 4WD braking
- 55 degree steering angle
- Air-conditioned cabin



**BIG TRACTOR
FEATURES IN A GUTSY
LITTLE WORK-HORSE**

Safe and secure and great for fencing

There isn't much that Stanley Phillips doesn't know about fencing. That's not surprising, given that this 'good sort' comes from a farming background, and has been handling posts, rails, strainers and wire for the last twenty plus years.

Operating out of Helensville, Phillip's business operates over a radius of around 50km offering services to farmers, lifestyle block owners and a large part of the time to local authorities.

Over the years, a multitude of tractor brands have come and gone, but these days, Phillips puts his trust in a pair of Deutz-Fahr tractors. They are the powerhouses of his operation, aided by a third tractor of another brand. Those Deutz-Fahr's, take the shape of a pair of Agrofarm 100 GS Rops units, featuring 4-cylinder Deutz engines, mated to a wet clutch, Power Shuttle/Powershift transmission offering 40 forward and 40 reverse speeds.

Today, the older of the pair is showing 2,000 hours, clocked up over the last three years, with the newer unit, delivered a couple of months ago, and already having worked 200 hours. When researching replacement tractors, Phillips was drawn to the Agrofarm's low stance, that in turn imparts a low centre of gravity, making it ideal for operating in difficult territory including slopes and hillsides. Always favoured by fencing contractors, given the need to get on and off numerous times each day, the flat platform layout of the Deutz GS ROPS tractor comes in for praise, with no controls to become entangled with, while the straightforward control layout in general, makes for easy use. Those external services

provide plenty of power for the company's three heavy-duty post hitters, and feature detent on the control levers, rather than the obligatory bungee strap often favoured to maintain hydraulic flow.

Other benefits are seen up front, where the axle boasts some very clever technology as standard equipment. A 100% locking differential allows the tractor to tackle access to difficult areas, that might be a struggle with units fitted with limited slip set-ups. Likewise, the inclusion of integral wet disc brakes in the axle's front hubs means that the tractors are safe to operate on slopes, but equally on the open road, where stopping from the top speed of 40kph is undertaken easily. That degree of safety, also gives Phillips peace of mind, knowing workers are safe, but also by allowing him to meet the ever-increasing levels of compliance demanded when working for local authority customers.



AGROFARM

The Agrofarm G series provides the answer to your needs! Productivity, versatility and manoeuvrability. These tractors combine compact dimensions with high technology equipment to ensure comfort in all working conditions.

- 100-115Hp SDF 1000 Series 4 cylinder engine
- 40x40 transmission option
- Hi-Lo splitter
- Flat operator platform
- True 4WD braking
- Wide footprint means great stability
- User friendly comfort clutch
- 40kph road speed

**ULTIMATE HILL
COUNTRY, STABLE
EASY TO ACCESS
ROPS TRACTOR**



Dairy farmer says life's a breeze with the Deutz-Fahr Agrolux 410

Tauranga dairy farmer George Kampshof's new Deutz-Fahr Agrolux 410 tractor is making a huge difference to his operation. It allows him to perform his work quicker, more safely and in greater comfort.

George milks 200 cows on his 70-hectare property, which he runs by himself. Up until the middle of this year he was using a 30-year-old, 80 hp tractor for all his farm work and had never owned a Deutz-Fahr tractor before.

He purchased the Agrolux 410 in June after looking at various models at field days.

"I looked at all the different tractors in that 80 hp range," George says. "I decided that this was the tractor I wanted because it was competitively priced and was just an easy, nice tractor."

"I wanted to stick with a tractor of the same size because of the way I farm, that's all I need."

George has been more than pleased with his new Deutz-Fahr since he bought it. He says it is easy to get on and off, which is extremely important to him because he farms by himself.

"It's a nice size and it's good on the hills. The shape of the tractor makes you feel safe with the wide wheelbase. It is stable and you feel safe when you are going up the hills."

George uses the Agrolux 410 for a wide range of jobs, including feeding silage, spraying weeds, pumping effluent ponds, topping paddocks, loading dirt to place around water troughs and maintaining water races.

"I use it for everything. It is the only vehicle I have got. It's just a good all-round model."

George bought his Deutz-Fahr Agrolux 410 from Capital Tractors in Tauranga and says they have been great to work with.



AGROLUX

Excellent performance and excellent reliability go hand in hand when it comes to the Deutz-Fahr Agrolux. The Agrolux tractor delivers state-of-the-art technology and extraordinary versatility bringing ease to all working conditions.

- 75-85Hp SDF 1000 Series 4 cylinder engine
- Synchromesh transmission with forward/reverse shuttle
- Front and rear diff lock – 100% mechanical engagement
- True 4WD braking
- 42L/min pump with separate 17L/min steering pump
- Foldable ROPS frame

GREAT POWER AND PERFORMANCE, WITH SUPERIOR FUEL ECONOMY



Leading manufacturer of specialist tractors in Europe is back

Deutz-Fahr has a long standing history of producing innovative and reliable tractors for the specialised tractor sector. This reputation was well known in New Zealand and once again Deutz-Fahr is able to provide a solution for your orchard.

Introducing the Agroplus range of tractors, offering a full spectrum of models that suit this specialised sector including units suitable for a range of row spacing's, canopy heights and ever increasing hydraulic demands.

The current Agroplus range is broken into three specific models, Agroplus S/F/V Series, Keyline and Ecoline. Each model appealing to a specific sector of this industry.

Low and narrow (1.16m), the durable Agroplus V is the most compact model of the three, the Agroplus F is the widest (1.43m) to offer maximum grip together with the benefits of limited size and bristling with outstanding high tech features, the Agroplus S is the most technical (1.26m).

The Agroplus Keyline and Ecoline range are specialised units that are built specifically to master the height and width restrictions of certain crops. Equipped with simple and innovative mechanical controls, all-wheel braking with wet disc brakes, these tractors are designed to tackle strenuous tasks, row after row.



AGROPLUS

Deutz-Fahr's huge range of specialist orchard tractors offer a tractor that will fit into any specialist operation seamlessly. Featuring an array of specifications and sizes with both cab and ROPS tractors available, you're sure to find exactly what you need in the Agroplus range.

- 80-100Hp SDF 1000 Series 3/4 cylinder engine
- SDF Tier 3A engines (no Adblue)
- Range of transmission features and options
- Cab and ROPS versions available
- Optional Stop & Go system



**A MODEL TAILORED
TO SUIT YOU - NO
MATTER YOUR
OPERATION**



Do you have too much work on at the moment? Or do you require a different type of tractor or telehandler for your project?

Hire the new Deutz-Fahr professional series of tractor for the current season and enjoy high productivity, a fully serviced lease and one of the most competitive hourly rates in the industry.

What's more, at the end of the season if you decide you want to own the tractor then we will refund your seasons hire.*

Call 0800 23 33 44 for more information on hiring a tractor directly from the Deutz-Fahr and Merlo importer – Power Farming.



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