

NEW HOLLAND CLUB NEWSLETTER

Autumn 2013



New TD5 Tractor Range Launched

PRODUCT RANGE PROFILED

Next Generation BigBaler Launched

Winter Service Programme

**New FR Series Forage Harvesters
Announced**

See us at
National Fielddays®
site C61-63



www.newholland.co.nz

THE NEW TD5 RANGE OFFERS ROBUST PERFORMANCE IN A COMFORTABLE AND RICH PACKAGE



New Holland has reinvented and extended the TD5 range of tractors which will provide traditional dairy and livestock farmers with a reliable tractor at a very competitive price. The extended series now features four models all with distinctive New Holland styling: the TD5.75, TD5.90, TD5.100 and the new range topping TD5.110 model, that develop between 75 and 110hp.

Kyle Baxter, New Holland NZ Operations Manager comments, “The TD5 range has been carefully conceived to satisfy the demands of this highly competitive segment with specific requirements. Well-loved elements, such as mechanical transmissions and easy maintenance have been coupled with a new cab and a column-mounted hydraulic PowerShuttle, which is unique in this segment, to offer a modern take on a traditional favourite.”

New VisionView™ cab: segment-leading operator comfort and ergonomics in a stylish package

The all-new cab guarantees outstanding comfort and intuitive control of all key tractor functions. The operator focused design features significant ergonomic improvements: all principal controls, including the hand throttle and hydraulic remote valve control levers, have been relocated to the right hand console to minimise twisting and turning by the operator. The fully integrated loader joystick, which is ergonomically positioned in the cab, together with the column mounted shuttle lever, increase loader productivity and reduce operator fatigue. A dedicated pedal for steering column adjustment enables users to position the steering wheel whilst in their natural operating position.

Visibility is a key TD5 trademark, and the optional high visibility panel, which takes the overall glazed area to an impressive 5.034m², is ideal for loader work, providing outstanding visibility throughout the entire lift cycle.

An all-new concept in air conditioning has been developed. A super-fast defrosting vent directs a powerful stream of air down onto the front windscreen to ensure speedy start-up on frosty mornings and evenings.

Operators of all ages and sizes can sit back and relax in the VisionView™ cab, thanks to the development of a larger, more comfortable seat and they can even share their tractor courtesy of a newly introduced passenger seat.

When working late into the night, or in dimly lit barns, the protected rear work lamps powerfully illuminate even the darkest corners. The six work lamps are incorporated within the rear roof section, eliminating the need to remove them when working in areas of overhanging foliage or in low sheds.

The TD5 range boasts distinctive New Holland styling such as the sloping bonnet and trademark cat eye lights; the ergonomic lay-out further extends the tractor family-feeling.

Robust and efficient mechanical engines: up to 110hp for ultimate productivity and efficiency

The engine offering has been specifically tailored to not only the TD5 range, but to each individual model based on its specific usage profile. All models are fitted with a 3.9 litre Iveco 8000 Series engine which develops maximum torque of 430Nm for the most demanding applications. These engines offer turbo-charged and intercooled economical and reliable performance in an overall fuel efficient package, with super long service intervals of up to 500 hours, which means that users spend more time working and less time in the yard on maintenance. Furthermore, they are fully compatible with standard oils and B100, 100% biofuel.

Segment-first hydraulic PowerShuttle: ideal for loader applications

The TD5 is unique in its segment in offering a column mounted hydraulic PowerShuttle for on the move direction changes without the need to depress the clutch pedal. The TD5 models benefit from smooth direction changes which are perfect for loader-intensive dairy and livestock farmers when stacking bales or feeding cattle.

All models, when equipped with the optional 20x12 transmission options can be specified exclusively with the mechanical column mounted shuttle.

Braking performance has been upgraded by 15% in line with the increased horsepower of the TD5.100 and TD5.110 models thanks to an additional brake disc to further enhance safety, especially when undertaking transport activities on hills.

ROPS option with full FOPS compliance: outstanding operator safety

The entire TD5 range is available in both cab and ROPS variants. The ROPS platform shares the same ergonomic control layout as the cabbed version, however this model has been engineered by design with specific trim to enhance the operators experience and to withstand harsh operating conditions. ROPS variants can be fitted with a FOPS (Fall On Protection System) compliant canopy, to offer users the ultimate in peace of mind when operating with loaders and in enclosed environments where they are at risk of falling objects.

R38 tyre compatibility for enhanced productivity and reduced soil compaction

The TD5.100 and TD5.110 models are fully compatible with R38 rear and R28 front tyres, the only tractor in this class to offer this productivity boosting feature. These tyres offer increased ground clearance when working with valuable row crops such as salad vegetables, as well as increased traction and reduced soil compaction in all applications.

Model Specification

The new numbering on the TD5 series makes the performance of each model immediately obvious. The TD is synonymous with rugged, traditional, value for money tractors. The first digit '5' positions the model in the complete New Holland tractor family. The numbers following the dot denote the model's maximum horsepower.

Model	Maximum Power (hp[CV])	Maximum Torque (Nm)
TD5.75	75	298
TD5.90	88	356
TD5.100	98	390
TD5.110	110	430

Availability

The new TD5 models made their debut in New Zealand in April 2013, so talk to your local New Holland dealer now to secure you new TD5 Series.



NEW HOLLAND PRECISION LAND MANAGEMENT



From the enhanced productivity of lightbar guidance to the pinpoint accuracy of fully integrated guidance, and the valuable analysis of yield data, New Holland's Precision Land Management offering will help maximise yields, control input costs and optimise profits. New Holland Product Specialist Greg Moore explains, "New Holland has a Precision Farming solution to suit all budgets and all farming types, from manual lightbar guidance for the farmer wanting to place fertiliser more accurately, through to top of the line integrated automatic steering and crop and yield management systems. Regardless of your farming operation, the brands of machines you have and your budget, New Holland has a solution to suit your needs."

MANUAL GUIDANCE

The entry level guidance solution, the EZ-Guide 250 allows you to explore GPS guidance through a simple and affordable lightbar display. The lightbar assists you with the direction and how much manual steering input is required. The EZ-Guide 250 is capable of +/- 30 – 40 cm accuracy with the addition of the AG15 antenna, making it the ideal tool for entry level guidance, fertiliser spreading and spraying.

ASSISTED GUIDANCE

EZ-Steer™ is the world's simplest portable hands-free farming system. The EZ-Steer™ system turns the steering wheel for you courtesy of an electric motor which clamps against the steering wheel steering the tractor according to the GPS inputs sent to it by the display controller. EZ-Steer™ can be fitted to a huge range of machines by simply ordering the relevant platform kit.

EZ-Pilot™ is the next step up where an electric motor is actually part of the steering wheel hub improving accuracy and reliability. As with the EZ-Steer™ system, EZ-Pilot™ is available for a wide range of machines.

AUTOMATED GUIDANCE

The Autopilot™ automated steering system can be retro-fitted to most brands of tractor and harvesting machinery. Using the machine's electro hydraulic circuit to provide automatic guidance this retro-fit solution will significantly increase your efficiency during field preparation, planting and harvesting by driving more accurately and consistently.

ACCURACY

1. Autonomous with OnPath filter for autonomous systems only, utilising mathematical filters to increase the system accuracy, the OnPath® filter provides +/- 30 – 45cm pass-to-pass accuracy. Autonomous uses the free-to-air GPS signal.

2. OmniSTAR VBS a subscription based DGPS signals from OmniSTAR. A number of ground based GPS receivers calculate the real-time position error which is then sent to control stations which in turn send this as a message to a geostationary satellite, which in turn re-transmits the corrected message as a single-frequency signal back to the receiver on the vehicle. VBS offers +/- 20cm pass-to-pass accuracy.
3. OmniSTAR HP also a subscription based DGPS signal provided by OmniSTAR. The process is very similar to VBS however greater accuracy is achieved by the geostationary satellite sending the correction message as a dual frequency signal back to the receiver on the vehicle. OmniSTAR offers +/- 5 – 10cm pass-to-pass accuracy.
4. Centrepont RTX is a new correction signal offered by OmniSTAR offering +/- 4cm pass-to pass and year-to-year accuracy. Delivered via mobile data network and a DCM300 modem, Centrepont RTX offers a cost effective alternative to RTK. As long as there is mobile data coverage Centrepont RTX offers a high degree of accuracy for precision operations.
5. RTK (Real Time Kinematic) is the ultimate in guidance accuracy. This highly precise technology results in +/- 2.5cm year-to-year accuracy and is achieved via the use of a base station and a radio on the mobile unit to receive the corrected RTK signal.

GUIDANCE DISPLAYS

EZ-Guide 250

The EZ-Guide 250 is a simple affordable user-friendly tool offering an accuracy of +/- 30 – 45cm pass-to-pass courtesy of the in-built OnPath® filter technology. At the end of the day transfer your coverage maps to your computer using a USB flash drive and easily print out coverage maps.



FM-750

The FM-750 has an in-built receiver capable of up to 2.5cm accuracy using a RTK correction source. A 20.3cm colour touchscreen with a virtual lightbar gives you instant feedback. The FM-750 is capable of manual lightbar guidance, assisted guidance using either the EZ-Steer or EZ-Pilot systems or Auto Pilot integrated guidance. It is also compatible with the Field-IQ crop input control system.



FM-1000

The FM-1000 brings you the best performance and reliability with the industry leading dual integrated GPS + GLONASS receivers. Capable of handling everything you will ever need in guidance, steering and mapping at your fingertips, the large 30.7cm colour touchscreen gives you a choice in accuracy from +/- 30cm to +/- 2.5cm with an RTK correction source.



INTELLIVIEW™ DISPLAY

Standard on New Holland tractors with SideWinder™ II armrest and on New Holland combine and forage harvesters, the IntelliView™ III colour touchscreen display offers all the information you need at a glance. The IntelliView III will communicate with and display machine function information in real time on just one screen along with full ISOBUS integration, serving as a virtual terminal for any ISO11783 compliant implement. As well as displaying guidance information and maps, up to three cameras can be linked, perfect for monitoring implements and avoiding blind spots.



PRECISION FARMING – VARIABLE RATE

The Field-IQ™ crop input control system is a section control and variable rate application control system that prevents seed and fertiliser overlap and controls the rate of seed, liquid or granular materials. Field-IQ™ can automatically control up to 48 rows individually for maximum savings in seeds and increased yields. At the same time, Field-IQ™ can adjust your seed population either manually or using a prescription map delivered from your precision farming software.

NEW HOLLAND INTELLISTEER™

IntelliSteer™ is a New Holland designed and developed fully integrated steering system. Using DGPS technology and fully integrated control systems the IntelliSteer™ system helps ensure parallel pass-to-pass accuracy up to 2.5cm using RTK correction. “The New Holland IntelliSteer system uses built in steering angle sensors to keep the Navigation Controller II informed of wheel direction and an integrated steering control valve converts the signals from the Navigation Controller II into hydraulic movements of the steering system” explains Greg Moore. IntelliSteer™ is available on T7, T8, T9 tractors along with CR and CX8000 series combine harvesters.

CROP ID

New Holland BB series balers fitted with moisture sensor and weigh scales can also be fitted with CropID. Like radio frequency ID tags on cattle, CropID technology allows hay and silage baling contractors to tag each bale

with its own unique data including average moisture content and weight. When hooked up to GPS-equipped tractors the tagging device can also record the actual place in the field where the bale was made. “Crop ID will allow for better quality assurance and trace back capability. People want to know more and more about what they are buying” says Greg Moore. A scanner, either hand held or on the loader, scans the bales so the loader operator can quickly sort the bales by different criteria and put aside unwanted bales.

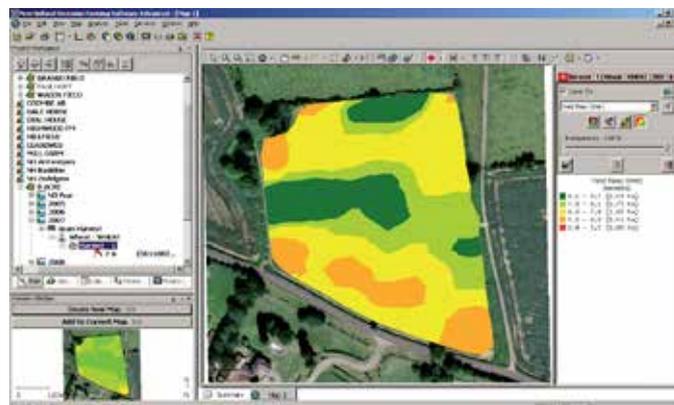
YIELD MAPPING

CX8000 and CR series New Holland combines allow you to use the valuable field data you collect with the yield and moisture sensors to prepare yield maps and better understand field variations. Yield and moisture readings are stored on a USB flash drive which is then downloaded to your desktop computer. Using New Holland’s Precision Farming Software the data is then viewed and analysed and from this analysis prescription maps can then be constructed for variable rate application.

CUSTOMER SUPPORT

To support New Holland customers who have purchased Precision Farming and Auto Guidance products, a purpose built website called the PLM Portal has been created. The PLM Portal is available to all New Holland customers. Once you have signed into the website you can gain access to advanced information on all New Holland Precision Farming and guidance systems.

For New Holland’s Precision Farming software customers, a purpose built section of the website provides training videos and information for customer support. In addition, customers who have purchased a PLM-Support Package will receive a special PLM key which will enable them to sign up for individual on-line support and training for the Precision Farming Desktop software.



For more information on New Holland’s Precision Farming solutions, see www.newholland.co.nz

NEW HOLLAND WINS THE PRESTIGIOUS TRACTOR OF THE YEAR



BEST OF SPECIALIZED AWARD WITH THE T4060F

New Holland has won the prestigious Tractor of the Year 2013 award in the Best of Specialized category with the T4060F. The T4060F is the top of the range model in the T4000F/N/V series, producing 106hp in a narrow overall package, making it the ideal choice for vineyard and orchard operations.

“This award is testament to the hard work and dedication of all those involved in the development of the T4060F.” Stated Carlo Lambro, Vice President Europe. “Here at New Holland we are fully committed to maintaining our position as the worldwide leader in the specialized sector and developing state-of-the-art systems, such as ECOBraud, which enhance profitability for growers whilst reducing their environmental impact.”

A complete productivity boosting and safety enhancing package

The T4060F, together with the entire T4000F/N/V range, has been designed to offer outstanding operating efficiency. A whole host of features ensure that growers can tailor their tractor to suit their needs, a range of

transmissions can be selected, and all ‘F’ models benefit from the SuperSteer™ front axle for the best-in-class turning radius: 76°. Safe operation comes courtesy of the 100% mechanical park lock and the new PTO ratio that further boosts operating efficiency with a 5% fuel saving.

The powerful hydraulic mid-mounts are controlled via an ergonomic joystick and the entire system features a hydraulic motor function which offers 100% priority and a free return. The new electro-hydraulic mid-mount valves are controlled via an ergonomic electro-proportional joystick which manages eight outputs. The system features an hydraulic motor function which offers 100% priority and a free return.

The entire range benefits from the “protection level 2” Blue Cab which has been redesigned and groups all key tractor functions together, for intuitive and immediate operation.



NEW HOLLAND FINANCE



A world of experience in equipment finance offering the best tools to expand your business

Everything we do is based on understanding your goals, challenges, and outlook on the future. Our team of professionals tailor financial packages and solutions that match the unique needs of each and every customer.

We know that in the agricultural industry, things go in cycles, and we're there for the tough times as well as the good times. Our customer relationships remain strong throughout the inevitable industry ups and downs. Your success is our success, so we're flexible and innovative, and we'll stick with you.

CONSERVE YOUR CAPITAL

With up to 100% financing available to approved applicants, your capital can be conserved and retained for investments such as farm improvements to increase productivity or the day to day expenses of running your business.

	0%	10%	20%	30%	40%	50%	60%
12 Months	1.85%	1.25%	0.50%	0.00%	0.00%	0.00%	0.00%
24 Months	4.35%	4.00%	3.65%	3.15%	2.45%	1.50%	0.00%
36 Months	5.20%	5.00%	4.75%	4.40%	3.95%	3.25%	2.30%
48 Months	5.65%	5.50%	5.30%	5.05%	4.70%	4.20%	3.45%
60 Months	5.95%	5.80%	5.65%	5.40%	5.15%	4.70%	4.15%

NEW HOLLAND ONLINE

New Electronic Newsletter

Sign up to our bimonthly New Holland Club Member newsletter and receive previews and exclusive Club member offers.

To sign up, email your name and current postal address to newhollandclub@norwood.co.nz with **Subscribe** in the subject line.

All subscribers will go in the draw to win one of 30 New Holland Prizes.

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Your privacy is important to us. To better protect your privacy we provide this Privacy Policy, which explains our online information practices and the choices you can make about the way your information is collected and used. To make this Privacy Policy easy to find, we make it available throughout our site and where personally identifiable data may be requested.

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Name

E-mail address

Phone number

Address

A One Stop Equipment and Finance Shop

Your local New Holland dealership gives you the easiest and best access to owning or leasing quality agricultural equipment.

Your dealer is not only an expert in New Holland equipment and trained to advise you on the most appropriate equipment for your farming needs, they can also offer you access to the most suitable type of finance to match your business needs.

Through your local New Holland dealership, Blue Leaf Finance provides a full range of finance options for every piece of equipment you purchase.

For a finance quote or more information, simply contact your local New Holland dealership.

All finance deals subject to normal lending terms & conditions.
Valid until 31st July 2013

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We use the information you provide about yourself for things such as entering an online contest, placing an order, signing up for email updates. We do not share this information with outside parties except to the extent necessary to complete that order. We may use your e-mail address to communicate with you, for example, to notify you of special offers or programs you might find of interest.

We use return e-mail addresses to answer the e-mail we receive. We may also use these e-mail addresses to provide order status and order tracking information, and to respond to queries.

You may be able to register with our website if you would like to receive updates on news, events, or new products or services.

We may use non-identifying and aggregate information to better design our website and share with our advertising agencies. For example, we may tell an advertising agency that X number of individuals visited a certain area on our website, or that Y number of men and Z number of women filled out our registration form, but we would not disclose anything that could be used to personally identify those individuals.

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In the event of a criminal investigation or a suspected illegal activity, we may be required by law enforcement agencies to share certain personal information.

Finally, we never use or share personally identifiable information provided to us online in ways unrelated to the ones described above without also providing you an opportunity to opt out or otherwise prohibit such unrelated uses.

NEW HOLLAND ELITES ELEVATE PUMPING SERVICE

The owners of Effluent Pumping Services Limited in Hamilton put their full trust in their local Norwood Farm Machinery Centre in helping them choose a New Holland tractor for their business, and they've never regretted it for a second. Effluent Pumping Services owners Sheree Small and Alice Francis admit that tractor mechanics is not one of their strengths but they love the two New Holland T6020 Elite tractors they purchased.

Sheree and Alice have run Effluent Pumping Services for two and-a-half years now. Effluent Pumping Services pumps dairy effluent onto pasture and operates in the Waikato area. Sheree says they realised the business needed capital to upgrade existing equipment and they were also keen to expand the business.

"We purchased a tractor of another brand but we weren't happy with it," she says. "It wasn't the right tractor for the business." They began talking to salesman Cedric Borlase at Norwood Farm Machinery Centre in Te Awamutu. "Cedric talked to us about our business and our requirements and visited us on site. He recommended the New Holland T6020 Elite taking into consideration its size, efficiency and price. We had a good understanding of the shortcomings from our prior experiences and could see the New Holland T6020 Elite had everything we needed and the price was right, so we bought one," says Sheree.

"The initial feedback from our guys was very good and the service we received from Norwood Farm Machinery Centre was excellent, so when we were ready to purchase another tractor, we headed straight for Norwood Farm Machinery Centre and have no regrets."

Sheree particularly likes the fuel efficiency of the T6020 Elite, as diesel is such a large cost for the business. The T6020 Elite features the New Holland NEF engine, which offers rated torque of 613Nm at only 1400rpm, meaning exceptional fuel economy. The Elite's power boost

gives the driver access to up to an additional 36hp when required.

With the Active Electro Command™ transmission, you can reach a top transport speed of 50kph in absolute comfort, thanks to the optional Comfort Ride™ cab suspension. And for demanding hydraulic applications, up to 113 litres/minute of flow enables even the toughest jobs to get done on time, every time.

Effluent Pumping Services' New Holland tractors are stationary for most of the day, powering continually operating pumps. Sheree says buying the two new T6020 Elites was the biggest investment the business has made to date. "I know very little about tractors, and have had to rely on Norwood Farm Machinery Centre giving me the right information," she says.

The T6020 Elites require servicing every 600 hours, rather than the 300 hour servicing of their other tractors. This also represented a huge cost saving. "Would I buy another New Holland? Yes, and I wouldn't go anywhere other than Norwood Farm Machinery Centre. Not only are we happy with the tractors we have purchased, we are happy with the back up support and service." Sheree says.

"We had an issue a couple of weeks ago with one of our older tractors breaking down. I telephoned Cedric and asked him to help. It was a five-minute phone call for me and by lunchtime Cedric had a replacement tractor delivered to us and took our tractor back to Norwood Farm Machinery Centre for repair. "Our downtime was about three hours. Once it was repaired, they delivered our tractor back to us. It was the busiest time of year for us, and we cannot afford to have our tractors off the road, both for us and our clients. That's the sort of service we get from them."



Allen Winchester, Sales Manager (left) and Trevor Langley, Operations Manager (right).



THE RANGE



**NATIONAL FIELDDAYS® SPECIAL
SEE INSIDE FOR DETAILS**



UTILITY VEHICLES

RUSTLER. GO ANYWHERE. DO ANYTHING.



Get where you need to go
With a top speed of 40kph you get where you need to go even quicker.



Heavy duty tipping
Tip your entire load with ease thanks to the push-button heavy duty tipping system.

MODEL	RUSTLER 115	RUSTLER 120
Engine		
Cylinders / displacement (cm3)	V Twin / 480cc Petrol	3 / 719 / Diesel
Power [kW / hp(CV)]	10.4 / 14	14.9 / 20
Transmission		
Type	Belt type CVT Transmission	Belt type CVT Transmission
Shuttle	Mechanical forward reverse selector	Mechanical forward reverse selector
Steering		
4WD engagement	Shift on demand	Automatic
Min. turn radius (mm)	3529	3500
Dimensions and weight		
Overall length / width (mm)	2667 / 1397	3090 / 1615
Min. weight (kg)	578.3	724

NATIONAL FIELDDAYS® SPECIAL
0% INTEREST*

UNDER 100 HP TRACTORS

TT SERIES. MODERN STYLING AND GREAT DYNAMICS.



Simple but informative
The instrument panel has analogue gauges for temperature, engine speed and fuel level, with large bright warning lights for other functions including lights and direction indicators.



Power and torque for versatile performance
Powered with the world renowned Iveco engines; known for long life, reliability and excellent torque characteristics.

MODEL	TT55	TT75
Engine		
Cylinders / displacement (cm3)	3 / 2900	4 / 3900
Power - ISO 14396 [kW / hp(CV)]	41 / 55	44 / 75
Transmission		
Synchro Shuttle™	8F x 2R	8F x 2R
Steering		
4WD front axle	Standard	Standard
Hydraulics		
Rear lift capacity at ball ends (kg)	1920	1920
Dimensions and weight		
Min. turn radius (mm)	4255	4255
Min. weight (kg)	2355	2575

NATIONAL FIELDDAYS® SPECIAL
0% INTEREST*

UNDER 100 HP TRACTORS

T4 POWERSTAR™. THE MOST COMFORTABLE PLACE TO BE.



MODEL	T4.55	T4.65	T4.75
Engine			
Cylinders / displacement (cm3)	4 / 3200	4 / 3200	4 / 3200
Power - ISO 14396 [kW / hp(CV)]	41 / 55	48 / 65	55 / 74
Transmission			
Hydraulics PowerShuttle	12 x 12	12 x 12	12 x 12
Steering			
4WD front axle	Standard	Standard	Standard
Hydraulics			
Rear lift capacity at ball ends (kg)	2192	2192	2192
Dimensions and weight			
Min. turn radius (mm)	3815	3815	3815
Min. weight (kg)	2800	2800	2800



PowerStar™ Cab

Ergonomically designed in virtual reality, the flat floor, a 20% larger cab and dual zone air conditioning mean ultimate comfort.



High visibility roof panel

Guaranteed complete visibility from ground level to full loader extension from the comfort of your seat.

NATIONAL FIELDAYS® SPECIAL
0% INTEREST*

UNDER 100 HP TRACTORS

TD5. THE FUTURE OF TRADITIONAL FARMING.



MODEL	TD5.75	TD5.90	TD5.100	TD5.110
Engine				
Cylinders / displacement (cm3)	4 / 3908	4 / 3908	4 / 3908	4 / 3908
Power - ISO 14396 [kW / hp(CV)]	55 / 75	65 / 88	73 / 98	82 / 110
Transmission				
Hydraulic PowerShuttle	12 x 12	12 x 12	12 x 12	12 x 12
Synchro Shuttle™ with Creeper	20 x 12	20 x 12	20 x 12	20 x 12
Steering				
4WD front axle	Standard	Standard	Standard	Standard
Hydraulics				
Rear lift capacity at ball ends (kg)	2700	2700	2700	2700
Weight				
Min. weight (kg)	3200	3200	3200	3200



High visibility panel

Loader work is a doddle thanks to the high-visibility roof panel.



Hydraulic PowerShuttle

Precision loader placement is as easy as 1-2-3 with the column mounted PowerShuttle.

NATIONAL FIELDAYS® SPECIAL
0% INTEREST*

UNDER 100 HP TRACTORS

T5000. ULTIMATE VERSATILITY.



MODEL	T5050	T5060	T5070
Engine			
Cylinders / displacement (cm ³)	4 / 4500	4 / 3200	4 / 3200
Power - ISO 14396 [kW / hp(CV)]	71 / 97	48 / 65	55 / 74
Transmission			
PowerShuttle	12 x 12	12 x 12	12 x 12
PowerShuttle with Creeper	20 x 20	20 x 20	20 x 20
Dual Command™ with PowerShuttle	24 x 24	24 x 24	24 x 24
Steering			
4WD front axle	Standard	Standard	Standard
Hydraulics			
Rear lift capacity at ball ends (kg)	5740	5740	5740
Dimensions and weight			
Min. weight (kg)	4250	4250	4250



Fingertip clutch engagement
The Power Clutch button on the gear lever effortlessly engages the clutch.



High hydraulic flow
Up to 80 litres/minute means that front loader cycle times are second to none.

NATIONAL FIELDAYS® SPECIAL
0% INTEREST*

ABOVE 100 HP TRACTORS

T6000 RANGE. ENGINEERED BY DESIGN TO MEET YOUR NEEDS.

MODEL	T6020 Delta ROPS	T6030 Delta ROPS	T6010 Plus	T6020 Plus	T6030 Plus	T6050 Plus	T6070 Plus	T6020 Elite	T6030 Elite	T6040 Elite	T6050 Elite	T6060 Elite	T6070 Elite
Engine													
Cylinders / displacement (cm ³)	4 / 4485	6 / 6728	4 / 4485	4 / 4485	6 / 6728	6 / 6728	6 / 6728	4 / 4485	6 / 6728	4 / 4485	6 / 6728	4 / 4485	6 / 6728
Max. EPM horse-power – ISO 14396 [kW / hp(CV)]	-	-	-	-	-	-	-	105 / 142	112 / 152	107 / 145	120 / 163	107 / 145	131 / 178
Rated power - ISO 14396 [kW / hp(CV)]	82 / 112	86 / 117	74 / 101	82 / 112	86 / 117	93 / 126	104 / 141	82 / 111	86 / 117	89 / 122	93 / 127	97 / 132	104 / 142
Rated engine speed (rpm)	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
Transmission													
Electro Command™ (40 kph)	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16	16 x 16
Electro Command™ (40 kph ECO or 50 kph)	-	-	17 x 16	17 x 16	17 x 16	17 x 16	17 x 16	17 x 16					
Hydraulics													
Rear lift capacity at ball ends (kg)	6332	6332	7864	7864	7864	7864	7864	7864	7864	7864	7864	7864	7864

- Not available



Horizon cab
For unobstructed visibility, the 360° panoramic cab and the high visibility roof panel guarantee daylong productivity and operator comfort



Terraglide front axle and Comfort Ride™ cab suspension
Terraglide and Comfort Ride have formed a perfect partnership to guarantee a silky smooth ride when working on uneven terrain.

NATIONAL FIELDAYS® SPECIAL
0% INTEREST*

ABOVE 150 HP TRACTORS

T7 RANGE. YOUR NEEDS VARY CONSTANTLY. T7 ADAPTS CONTINUOUSLY.

Models	T7.170	T7.185	T7.200	T7.210	T7.220	T7.235	T7.250	T7.260	T7.270
Engine									
Cylinders / displacement (cm3)	6 / 6728	6 / 6728	6 / 6728	6 / 6728	6 / 6728	6 / 6728	6 / 6728	6 / 6728	6 / 6728
Max. EPM horsepower – ISO 14396 [kW / hp(CV)]	126 / 171	138 / 188	149 / 203	156 / 212	160 / 218	172 / 234	184 / 250	191 / 260	198 / 269
Max. EPM horsepower – ISO 14396 [kW / hp(CV)]	92 / 125	103 / 140	114 / 155	121 / 165	123 / 167	136 / 185	147 / 200	158 / 215	168 / 228
Rated engine speed (rpm)	2200	2200	2200	2200	2200	2200	2200	2200	2200
Transmission Range Command™									
Semi-PowerShift (40 kph ECO or 50 kph)	19 x 6	19 x 6	19 x 6	19 x 6	-	-	-	-	-
Transmission Power Command™									
Full-PowerShift (40 kph ECO or 50 kph)	19 x 6	19 x 6	19 x 6	19 x 6	19 x 6	19 x 6	19 x 6	19 x 6	-
Transmission Auto Command™									
Auto Command (40 kph ECO or 50 kph)	Continuously Variable Transmission								
Hydraulics									
Max. lift capacity (kg)	8257	8257	8257	8257	10463	10463	10463	10463	10463



Auto Command™ transmission
The Auto Command CVT transmission enables you to select the exact working speed you need, and it does the rest to guarantee ultimate efficiency and power delivery

Command Grip multifunction handle
What could be simpler: push the Command Grip forward and you go faster, pull it back to slow down. Force based technology: intuitive control, simple operation.

NATIONAL FIELDAYS® SPECIAL
0% INTEREST*

ABOVE 200 HP TRACTORS

T8. THE FIRST AGRICULTURAL CROSSOVER.



Reduce costs by 17%

The T8 range benefits from 17% reduced operating costs thanks to fuel efficient ECOBlue™ SCR technology (Selective Catalytic Reduction), even when AdBlue is taken into account, and 100% longer service intervals.

Front linkage and PTO

The T8 was engineered by design with a fully integrated front linkage and PTO. Perfect visibility is guaranteed thanks to the sculpted bonnet and tombstone.

MODEL	T8.300	T8.330	T8.360	T8.390
Engine				
Cylinders / displacement (cm3)	6 / 8700	6 / 8700	6 / 8700	6 / 8700
Max. EPM horsepower – ISO 14396 [kW / hp(CV)]	219 / 298	219 / 298	263 / 357	286 / 389
Rated power - ISO 14396 [kW / hp(CV)]	189 / 257	209 / 284	229 / 311	250 / 340
Rated engine speed (rpm)	2000	2000	2000	2000
Transmission				
Ultra Command™ (40 kph Eco or 50 kph)	19 x 4	19 x 4	19 x 4	19 x 4
Ultra Command™ (40 kph with creeper)	23 x 6	23 x 6	23 x 6	23 x 6
Hydraulics				
Max. lift capacity (kg)	91300	91300	10200	10200

NATIONAL FIELDAYS® SPECIAL
0% INTEREST*

BALERS

BC5000. STILL LEADING THE WAY.



MODEL	BC5060	BC5070
Min PTO power required [kW / hp(CV)]	45 / 62	56 / 75
Bale width (cm)	36	36
Bale height (cm)	46	46
Max bale length (cm)	132	132
Pickup width (m)	1.8	2
Plunger speed (strokes/min)	93	93
Feeding system type	Packer fork in combination with two paired rotors	Packer fork in combination with three paired rotors



Rotary feeder system

Gentle on the crop, the rotary feeder system ensures a steady crop flow for a quality bale.



Maintaining consistent bale density

Hydroformatic density control maintains bale density independently of crop moisture content.

BALERS

BR7000. PERFECT ROUND BALES IN A SIZE TO SUIT YOU.



MODEL	BR7060	BR7070
Bale diameter (m)	0.9 - 1.5	0.9 - 1.8
Bale width (cm)	1.2	1.2
Pickup width (m)	2 / 2.3	2 / 2.3
Feeding type	Fork / Rotor	Fork / Rotor
CropCutter™ II system (no. of knives)	15 Max	15 Max
Bale formation type	Roll-Belt™	Roll-Belt™
Bale wrapping	Twine / Net	Twine / Net
EdgeWrap Duckbill system	Standard	Standaard



CropCutter™ II

The 'W' design tine pattern ensures an even knife load for a smoother cutting action and a consistent chop.



Uniform bale density

The variable chamber expands with the bale for a dense bale core and even density throughout.

BALERS

BIGBALER SERIES. PROFESSIONAL BALING FROM NEW HOLLAND.

MODEL	BigBaler 890			BigBaler 1270		BigBaler 1290	
	Standard	Packer Cutter	Crop Cutter	Standard	Crop Cutter	Standard	Crop Cutter
Min PTO power required [kW / hp(CV)]	75 / 102	80 / 110	95 / 130	85 / 114	105 / 141	90 / 122	110 / 150
Bale width (cm)	80			120		120	
Bale height (cm)	90			70		90	
Max bale length (cm)	260			260		260	
Pickup width (m)	1.96			2.23	2.35	2.23	2.35
Plunger speed (strokes/min)	48			48		48	
CropCutter™ system (no of knives max)	-	6	19	-	1	-	29
Feeding System							
Feeder	2 Packer forks 6 single tines	3 packer forks 6 single tines	Rotor width 800mm "W" tine configuration	3 packer forks 9 single tines	Rotor width "W" tine configuration	3 packer forks 9 single tines	Rotor width 1200mm "W" tine configuration
Stuffer	Fork type with 4 tines	Fork type with 6 tines	Fork type with 4 tines	Fork type with 6 tines	Fork type with 6 tines	Fork type with 6 tines	Fork type with 6 tines



On-the-go bale weighing
Don't stop to weigh, the BigBaler weighs the bale even before it's left the chute.



Moisture sensing
Accurate moisture sensing means higher quality bales and accurate additive application.

CONVENTIONAL COMBINES

CX8000. YOUR PERFORMANCE AND ENVIRONMENTAL ADVANTAGE.

MODEL	CX8040	CX8050	CX8070	CX8080	CX8090
Max engine power at 2000rpm – ISO 14396 [kW / hp(CV)]	245 / 333	270 / 367	270 / 367	295 / 401	360 / 490
Cutting width (m)	4.57 - 7.32	4.57 - 7.62	5.18 - 9.15	6.10 - 10.67	7.32 - 10.67
4 drum technology	Standard	Standard	Standard	Standard	Standard
Drum diameter / width (m)	0.75 / 1.30	0.75 / 1.30	0.75 / 1.56	0.75 / 1.56	0.75 / 1.56
Rotary separator	Standard	Standard	Standard	Standard	Standard
Total powered separation area (m)	2.11	2.11	2.54	2.54	2.54
Number of strawwalkers	5	5	6	6	6
Strawwalker separation area (m ²)	4.94	4.94	5.93	5.93	5.93
Total cleaning area (m)	5.4	5.4	6.5	6.5	6.5
Self levelling cleaning shoe	Optional	Optional	Optional	Optional	Optional
Grain tank capacity (l)	9000	9000	9000	10500	10500



Unsurpassed visibility
Enjoy an unobstructed view of your header and unloading auger from the comfort of your seat.



Four drum technology
For maximum versatility in changing crop and harvesting conditions, four drum technology offers the main threshing drum, beater, together with the Rotary Separator and Straw Flow™ beater as standard."

NATIONAL FIELDDAYS® SPECIAL
0% INTEREST*

ROTARY COMBINES

CR. TONS BETTER.

MODEL	CR8070	CR8080	CR9070	CR9080	CR9090
Max engine power at 2000rpm – ISO 14396 [kw / hp(CV)]	330 / 449	360 / 490	360 / 490	380 / 517	420 / 457
Cutting width (m)	6.10 - 10.67	6.10 - 10.67	7.32 - 10.67	7.32 - 10.67	7.32 - 10.67
Threshing and separation technology	Twin Rotor Design				
Rotor diameter (m)	432	432	559	559	559
Rotor length (m)	2.64	2.64	2.64	2.64	2.64
Opti-Clean™ system	Standard	Standard	Standard	Standard	Standard
Total cleaning area (m2)	5.4	5.4	6.5	6.5	6.5
Self levelling cleaning shoe	Standard	Standard	Standard	Standard	Standard
Grain tank capacity (l)	9500	11500	11500	11500	11500



SmartTrax™ system

Reduce compaction by up to 57%. Comply with the 3.5 metre transport width. Motor home at 30kph. SmartTrax. The smart choice."

Twin Rotor™ technology

Developed by New Holland over 35 years ago, Twin Rotor technology offers an enormous active working area for unequalled crop intake and unparalleled separating performance. That's without mentioning industry-leading grain crackage as low as 0.1%.

NATIONAL FIELDAYS® SPECIAL
0% INTEREST*

FORAGE HARVESTERS

FR9000. HALF A CENTURY OF UNBEATABLE PRODUCTIVITY.



Variflow™ precision blower performance

The system maintains a powerful blower force by adapting its position versus the cutterhead in relation to the use of the crop processor.

MODEL	FR9040	FR9050	FR9060	FR9080	FR9090
Engine					
Max power at 2000rpm – ISO 14396 [kw / hp(CV)]	312 / 424	368 / 500	435 / 591	504 / 685	606 / 824
Power Cruise™ System	Standard	Standard	Standard	Standard	Standard
Feeding					
Feed opening width (mm)	860	860	860	860	860
MetaLoc™ system	Standard	Standard	Standard	Standard	Standard
Cutterhead					
Cutterhead frame width / diameter (mm)	900 / 710	900 / 710	900 / 710	900 / 710	900 / 710
Crop processor					
Width / diameter crop processor rolls (mm)	750 / 250	750 / 250	750 / 250	750 / 250	750 / 250
Variflow™ system	Standard	Standard	Standard	Standard	Standard
Blower					
Blower housing diameter / width (mm)	565 / 775	565 / 775	565 / 775	565 / 775	565 / 775



HydroLoc™ system

Change your crop length on the move courtesy of the HydroLoc™ system. How? Via a more uniform crop alignment thanks to the optimum speed synchronisation between the attachment and the feed rolls.

NEW HOLLAND ALL-ROUNDERS DRIVE BIG SOUTH CANTERBURY STUD FARM

Gerald Hargreaves' fleet of New Holland tractors are critical to the smooth running of his high-performance South Canterbury sheep and beef stud. Gerald, his wife Sue, and their son Tom and his wife Anna operate a 1200-hectare farm at Geraldine. They run 3000 composite ewes, up to 600 Angus stud cows and 120 Charolais stud cows.

Their business, Kakahu Stud, is one of the larger Angus studs in New Zealand, with a strong emphasis on structure and measured performance. Each year Gerald travels around Australia and America to source these productive genetics. "Our clients are getting amazing results. It's all starting to work," he says.

Gerald and his family were big fans of Ford tractors from way back and have owned many different models of Ford and New Holland tractors over the years. They currently have a New Holland T6070, which is three years old, and a T6050 bought new early this year. Gerald says the reliability of these tractors is essential, because it is critical to have crops in on time.

Both perform a wide range of jobs at Kakahu Farm, from light duties through to heavy agricultural work on steep hill country. "We do all our own agricultural work, baleage, spraying and top dressing. Our tractors are busy." Gerald says "Our New Holland tractors pull a range of implements, including a rotor spike, maxi till and rollers, direct drills, balers, hay rakes and mowers.

We're on flat-to-steep hill country and they go very well on the hills. We have no problems at all, and the horsepower is more than adequate for what we do." The 140hp T6070 has done 3500 hours and hasn't had any significant work done on it.

Gerald employs a professional tractor driver, who also loves driving the New Hollands. "The cabs are nice and roomy; the instruments are all user friendly; and they're much more of a balanced tractor than they have been in the past," he says.

Gerald has been buying machinery from Johnson Gluyas Tractors in Timaru for about 18 years and says the service he receives from Chris Johnson makes all the difference. "He was one of the first dealers I'd dealt with who was honest and up front. He's prepared to accept the trouble that's not your making, whereas the others I'd dealt with wanted to walk away from it," says Gerald.

"If there is a problem, Chris will fix it. If it's not our fault we don't get charged, and there's never an argument about it. But the tractors have given us very little trouble and the service we get from Chris is good. If we were going to buy another tractor we'd go back to New Holland. We find them reliable and the maintenance is low."



NEW HOLLAND INTRODUCES THE NEXT GENERATION BIGBALER



New Holland has launched the next generation BigBaler range which has set a new benchmark in the professional baling segment. Up to 20% capacity increase and up to 5% denser bales will significantly improve productivity and profitability. Cutting edge features such as the all-new MaxiSweep™ pick-up and enhanced pre-compression chamber crop flow monitoring have been combined with renowned industry firsts including advanced CropID™ systems and proven features in the form of Double Knot technology to offer professional hay and forage operations, straw contractors and large scale arable farmers unsurpassed baling performance.

The four model range produces bales from 80x70cm to 120x90cm. Crop-to-crop flexibility has been engineered by design, and the BigBaler guarantees performance in conventional crops, as well as in non-traditional crops such as sugar cane and maize stover, perfect for the burgeoning biomass sector.

“Today’s BigBaler range is the culmination of over 25 years of baling excellence, and represents the flagship baler in our extensive baler offering” stated Greg Moore, New Holland Product Specialist. “The BigBaler is built at the Centre of Harvesting Excellence in Zedelgem, Belgium, and has been engineered to meet the stringent quality, productivity and reliability requirements of modern baling businesses. Over 200,000 bales, equivalent to ten seasons’ output, were produced before even the first production BigBaler rolled off the line.” He concluded a lot of this testing was carried out in New Zealand during the previous three seasons.

All-new MaxiSweep™ pick-up performance for improved feeding

The MaxiSweep™ pick-up has been completely redesigned to ensure that every last blade of profitable crop is safely baled. Tine strength has been significantly improved on CropCutter™ models with the adoption of 6mm coil tines as standard for increased durability when working in rough terrain and in stony fields.

The roller wind guard ensures smooth crop flow from the swath to the baler and prevents crop flow disturbance for uniform bale production. Swath transfer has been further enhanced by the sculpted pick-up side shields. Their distinctive ‘S’ shape design draws all crops in, even when negotiating tight corners and smoothly feeds snagged crop into the pick-up. The pick-up edge now features crop guides to assist the final tine in collecting every blade of crop.

The new feed assist roll is situated behind the roller wind guard and features a system of two overshot and one undershot counter rotating augers that transfer the crop from the pick-up to the rotor or packer feeder, depending on the model, whilst simultaneously merging the flow of the crop to ensure that it matches the exact width of the feeder. The feed assist roller then positively directs the condensed crop flow into the feeder for increased, constant feeding.

Variety of crop processing options for tailored crop management

The BigBaler offers three crop processing systems. The Standard Packer features two packer forks with six single tines each for 870 and 890 models, and three packer forks with nine single tines each for 1270 and 1290 models. This traditional technology directly feeds the crop into the pre-compression chamber for long, unbroken straw or hay, perfect for equine businesses.

The Packer Cutter variant, available on BigBaler 870 and 890 models, has three, six double-tine packer forks with six removable knives. This option offers the ultimate in crop processing flexibility, and enables contractors to tailor bale production to individual customer requirements.

The densest bales, are produced by CropCutter™ models. The ‘W’ pattern rotor is specifically designed for each baler and offers a configurable chop length. It also features a removable knife drawer for easy maintenance. The BigBaler 870 and 890 models can be specified with either nine knives in medium cut, or 19 knives in short cut guise, and the BigBaler 1270 and 1290 come with 15 or 29 knives respectively. These knives can be individually regulated to fine tune the chop length: medium cut chops to approximately 8cm, which is ideal for chopped bedding straw for cattle sheds, whereas the short cut option shreds crop to a mere 4cm in length. This is perfect for silage or straw for chicken sheds, as well as for biomass operations.

Best-in-class feed SmartFill™ indicator system ensures uniformly dense and well-shaped bales

The BigBaler’s proven pre-compression chamber technology has been further enhanced by the introduction of SmartFill™ feed flow indicators. This system uses a network of sensors, situated at the entrance to the pre-compression chamber, that monitors the flow of crop into the chamber to guarantee square edged bales of uniform side-to-side density. This information is displayed on the IntelliView™ IV in-cab monitor, so that the operator can see at a glance if the crop is

being evenly fed, and if one-sided build up is occurring, he is immediately informed to drive either more to the left or right over the swath by large on-screen arrows.

Plunger speed increased to 48 strokes/minute for faster crop throughput

The all-new, heavy duty gearbox, has enabled a 14% increase in the plunger speed for higher throughput into the bale chamber which means that higher ground speed is now possible. This offers a significant productivity improvement for operations that work in moisture sensitive crops, or for those who bale in areas with unstable weather conditions. The introduction of a larger diameter, high inertia flywheel which neutralises variations in crop flow has made this possible.

Distinctive styling enhances serviceability and safety

The BigBaler benefits from distinctive New Holland styling. Characterised by flowing elegant lines that scythe through the air, this quintessentially New Holland design, fully in line with all flagship harvesting products, offers significant advantages in terms of servicing and safety.

The ultra-wide single-piece front shield opens on gas struts, an industry first. This provides unfettered access to all moving parts, as well as to the automatic greaser and oiler for swift daily maintenance for minimum downtime. The single-piece side shields use an identical opening logic, and form a hermetic seal around the twine compartment to prevent dust ingress, which improves both knotter performance and the maintenance environment. The super flat service deck on the top of the baler has made servicing even easier, together with reducing possible areas of debris accumulation.

Improved knotter shielding and impressive cleaning performance increases bale productivity

New Holland has pioneered double knot technology for over 25 years, and the unswerving commitment to continual development has resulted in a segment-leading knotting performance. The upgraded knotting shields ensure that the knotter stays free from debris to prevent costly miss-ties. Furthermore, the airflow around the knotter was mapped using state-of-the art computation fluid dynamic programmes. Areas of stagnant airflow were identified, and three fans have been precision placed to automatically blow away any debris before it clogs the system.

For operations which work in most extreme conditions, an optional air blow off kit can be specified, which is supplied by the tractor's pneumatic air brakes. This automatic system, controlled via the IntelliView™ IV monitor, automatically directs a high speed air jet to further enhance cleaning performance.

IntelliView™ IV colour touchscreen monitor for wide-screen baler management

When baling at top speed operators must have at a glance intuitive fingertip control of all key operating parameters. The standard IntelliView™ III monitor, or the wide screen IntelliView™ IV monitor can be specified. Bale length, density and moisture content, amongst others, can be analysed and adjusted on the move. Knotter fans, automatic oil and greasing can even be controlled via the screen. The BigBaler is also fully ISOBUS compatible for visibility enhancing, single screen technology, and offers perfect integration with tractors equipped with the SideWinder™ II armrest.

Improved lighting package and operator comfort boost performance

The redesigned lighting package optimises the spread of light around the baler and turns night into day when working late into the night to bale the crop in optimal condition. In addition, two dedicated LED work lights have been positioned on the pick-up to flood the area with light to assist the operator when working in dim or dark conditions.

The comfort package has been designed with professional baling operations in mind. The right hand rail on the flat service deck further enhances safety and a touch of baling luxury comes courtesy of the extra-large tool box and water tank for hand washing.

Efficient road transport and ultimate in-field manoeuvrability

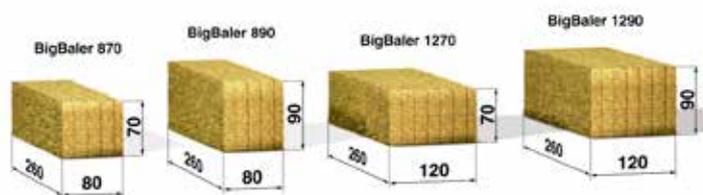
The BigBaler has been designed with transport in mind, and can be configured to 2.55 metre transport width in specific tyre configuration. The range-topping large wheel tandem axle significantly reduces ground pressure to assist in rapid crop regrowth, perfect for hay and silage operations which perform multiple cuts throughout the season. Moreover, all tyre combinations are well within the three metre restriction for stable high speed transport between fields.

The BigBaler's already outstanding manoeuvrability has been maintained thanks to the sculpted frame design.

PLM bale data management

The BigBaler offers advanced PLM solutions, such as bale weight, which can be controlled and analysed using New Holland's award winning electronic ActiveWeigh™ on-the-go bale weighing technology, moisture content, date and time and the bale's GPS location can all be recorded. All data for each individual bale can be download using a USB stick to create precise yield and field mapping data, so that inputs can be fine-tuned to increase productivity and profitability for future seasons. The Crop ID™ system can transfer all aforementioned data onto a radio frequency tag which can be consulted at a later date for bale traceability. This will be available for season 2013.

MODEL	Bale width (cm)	Bale height (cm)	Plunger speed (strokes/minute)	Processing options
BigBaler 870	80	70	48	Standard / Packer Cutter / CropCutter
BigBaler 890	80	90	48	Standard / Packer Cutter / CropCutter
BigBaler 1270	120	70	48	Standard / CropCutter
BigBaler 1290	120	90	48	Standard / CropCutter



GENUINE FILTERS

More quality, more performance, more value beyond the part.

COMPETITORS VS NEW HOLLAND

COMPETITORS

- Not the right product for heavy-duty equipment
- Usually do not meet New Holland specs
- Catalogues not always correct
- Staff don't know machines like New Holland staff do
- May not carry stock for when you require it

NEW HOLLAND

- Extended change intervals
- Superior protection
- O.E. quality and support
- Only available at New Holland dealerships
- The right product for New Holland equipment
- Able to get the correct oil at same time as purchasing filter from New Holland dealership



FEATURES

- New Holland filters contain strong and more superior medias for better overall filtration
- New Holland lube filters are designed to capture more of the smaller contaminants that are the most damaging to diesel engines
- MicroLoc (StrataPore) is a highly-efficient and strong synthetic filter media that has a very large dirt holding capacity and is extremely resistant to weakness created from contact with water
- Combination filters with stacked disc bypass media can remove particles as small as 5 microns and stacked disc is also highly efficient at removing sludge created by today's low emission's engines
- Venturi combo filters force 20% of the oil through the stacked disk media for even finer filtration
- New Holland hydraulic filter advantages include lower pressure drops for faster fluid flow in cold weather and the advanced synthetic medias maximise dirt holding capacities for longer service intervals
- Powercore air filters have 140% more dirt holding capacities when compared to a standard radial air filter
- New Holland carbon cab filters combine a highly-efficient synthetic media with odour absorbing activated charcoal to remove dust and fine allergens as well as noxious odours before they reach the operator
- New Holland fuel filters have extremely low micron ratings to protect today's high pressure fuel systems from damage caused by small particles and water in the fuel



NEW HOLLAND:
MicroLoc material



WILL-FITTER:
Porous cellulose/Paper



test it before you rest it

OFF-SEASON
INSPECTION
PROGRAMME

DON'T PUT IT OFF!!

Visit your local New Holland Dealer TODAY to plan a Winter Service programme for your harvesting equipment and tractor. Our technicians work to New Holland checklists to produce a detailed inspection that covers at least:

- 120 points on combine harvesters
- 100 points on forage harvesters
- 101 points on tractors
- 60 points on big balers
- 50 points on round balers

PEACE OF MIND FROM YOUR NEW HOLLAND DEALER

- Best advice, best results, **best price**
- **Original parts** covered by **New Holland parts warranty**
- Reliable, professional service



Following the success of last year's Winter Service Programme, we are again offering an Off Season maintenance and service plan for 2013. Some would say that the success of next season starts now. As we all know, scheduled maintenance is a critical part of your operation. Without it you run the risk of not only seasonal downtime, but this could also result in a number of associated costs such as parts price increases, emergency airfreight costs and call out fees... the list goes on. New Holland would like to do our best to help you manage your off season maintenance, we will keep you informed 100% with any work that we feel needs to be carried out, so, in other words, there will be NO SURPRISES! **Don't wait, book today to ensure you take advantage of our service programmes and specials to ensure that you have a trouble-free next season.**



NEW HOLLAND LUBRICANTS a vital component

Complete the care of your harvesting and tractor equipment and prolong its working life by using New Holland lubricants. These products meet the uncompromising quality standards set by New Holland.



Your New Holland dealer knows your machine and uses best practise and genuine parts. So call your dealer today and prepare for success.



NEW FR SERIES FORAGE HARVESTERS SET BENCHMARK



For over half a century, New Holland has led the way in self-propelled forage harvesting innovation and capacity. The new FR Series harvesters continue New Holland's legacy of industry-leading chopping quality and performance, and add significantly improved capacity and operator comfort and control.

The five model forage harvester range delivers between 424-824 hp and offers industry-leading chop quality and consistency, which, when combined with unsurpassed throughput, provides the most efficient and productive package on the market. Innovative new features such as an all-new, high performance grass pick-up header have been combined with renowned FR features including the VariFlow™ and HydroLoc™ systems, to offer unrivalled chop quality and throughput. All models in the FR range are fully compatible with a wide range of headers.

New model numbering

For 2013 models the new model name has been changed to reflect the rounded value of the maximum engine power. Model numbers and their corresponding horsepower are:

MODEL	Engine Type	Max engine power at 1800 – 2000 rpm	Engine torque at 1800 rpm
FR450	FPT Cursor 9L	424hp/312kW	1655Nm
FR500	FPT Cursor 13L	500hp/368kW	1950Nm
FR600	FPT Cursor TCD 13L	600hp/440kW	2330Nm
FR700	Cat C18 18L	685hp/504kW	2675Nm
FR850	FPT Vector V8 20L	824hp/605kW	3215Nm

All-new chopper body and powerful blowing performance for efficient crop flow

The FR features an all new chopper body which has significantly enhanced chop quality in terms of uniformity and throughput.

The FR features the latest advances in blower design, which have optimized crop transfer from the cutterhead to the processor and trailer, even when working in the lightest grass crops. The paddle type blower has increased the mass of smooth flowing air by a full 40% to transport higher volumes of crop more efficiently and to reduce the risk of crop accumulation in the chopper body area for significantly diminished crop build-up, reducing maintenance demands.

New, high-speed grass pickup header

Because the optimum harvesting window for guaranteed nutritious silage is tight, the new 300FP grass pick-up was developed for higher speed, ultra-reliable, smooth harvesting in all conditions. The 3.0m-wide pickup makes light work of even the widest grass swaths. Ultimate throughput is guaranteed courtesy of the standard roller wind guard. Designed to ensure smooth crop flow from swath to forager, it prevents crop flow disturbances for uniform feeding.

Pickup speed has been significantly increased thanks to the addition of an additional tine bar – the pick up tine reel now has 5 tine bars instead of 4 – which enables higher

ground speeds, perfect when working in unstable climatic conditions or for operators looking to increase productivity and profitability. When working in muddy fields, the pickup support wheels prevent bulldozing and maintain uniform header height. Sturdy reinforced steel tines (replacing the rubber mounted tines) complete the reliability that this header offers; reducing tine breakage even in the most uneven fields or in stony conditions.

Distinctive styling facilitates access and serviceability

The forage harvester's distinctive New Holland styling features easy cab-access, and the operator platform has been widened with sculpted hand rails for safe entry and exit late at night and after long working days. The side panels open wide as a single unit on self-supporting gas struts for easy servicing access. Daily maintenance has been further simplified courtesy of significant advances in feed roll packaging. The entire area has been sealed with the addition of precision placed plates which form a protective seal around the feed roller to prevent the build-up of debris, which can substantially reduce time-consuming daily cleaning.

IntelliFill™ system: let the FR fill the trailer for you

The multi-award winning IntelliFill™ technology enables the operator to accurately fill the trailer with minimal losses, even when visibility is limited. A specialized 3D camera mounted under the spout guides the crop flow into the trailer, ensuring a uniform fill. This system provides notable advancements in terms of operator comfort and can lead to significant increases in productivity: operators can concentrate on harvesting without having to continually check over their



shoulder to monitor crop discharge. During long days, and even in the dark, the automatic spout guidance will consistently reduce crop spillage increasing the forage harvesters' overall quality of work.

Accurate yield mapping can enhance yields and improve customer service

Fully integrated yield mapping reporting allows information to be downloaded from the FR and analyzed using New Holland PLM™ software so that custom harvesters can provide customers with accurate reports on their field performance, enabling them to tailor inputs to enhance future yields.



NEW HOLLAND NOW HAVE BROCHURES, GAMES AND APPS AVAILABLE ONLINE

To see the selection visit: <https://play.google.com/store/apps/developer?id=New+Holland+Agriculture&hl=en>



or scan this QR code with your smart phone.



Check out the new look New Zealand made New Holland website, www.newholland.co.nz.

Drop us a line



WE'D LOVE TO HEAR FROM YOU.

If you have a snapshot, comment or suggestion of something you'd like to see in the newsletter then please let us know.

You can either post your comment to:

New Holland Club
CB Norwood Distributors Ltd,
Freeport 255
PO Box 1265, Palmerton North

or send them by email to: newhollandclub@norwood.co.nz

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KAIKOHE Norwood Farm Machinery Centre Ph (09) 405 2269 - sales

WHANGAREI Norwood Farm Machinery Centre Ph (09) 438 4719

PUKEKOHE Norwood Farm Machinery Centre Ph (09) 237 0104

MORRINSVILLE Norwood Farm Machinery Centre Ph (07) 889 8505

TE AWAMUTU Norwood Farm Machinery Centre Ph (07) 872 0232

TE PUKE/WHAKATANE R & R Tractors Ph (07) 573 9107

NEW PLYMOUTH Norwood Farm Machinery Centre Ph (06) 757 5582

HAWERA Norwood Farm Machinery Centre Ph (06) 278 6159

GISBORNE Norwood Farm Machinery Centre (06) 867 9865

TAUPO PSL Agri Ph (07) 378 2673

HASTINGS Norwood Farm Machinery Centre Ph (06) 873 7300

PALMERSTON NORTH Norwood Farm Machinery Centre (06) 351 2799

MASTERTON Norwood Farm Machinery Centre (06) 377 3184

BLENHEIM Williams Service Centre (1990) Ltd Ph (03) 578 1021

NELSON N S Rogers Ltd Ph (03) 528 9212

WESTPORT Westland Farmers Ph (03) 788 8050

CHRISTCHURCH Norwood Farm Machinery Centre Ph (03) 349 5089

ASHBURTON Gluyas Motors Ltd Ph (03) 307 5800

TIMARU Johnson Gluyas Tractors 2009 Ltd Ph (03) 688 1133

MOSGIEL Norwood Farm Machinery Centre Ph (03) 489 7754

GORE Southland Tractors Ltd Ph (03) 208 8333

INVERCARGILL Southland Tractors Ltd Ph (03) 235 8741

PARTS AND SERVICE

MATAMATA Murray Wilcox Ltd Ph (07) 888 7139

PUTARURU Putaruru Tractor Services Ph (07) 883 7544

ROTORUA PSL Agri Ph (07) 343 6081

STRATFORD Norwood Farm Machinery Centre Ph (06) 765 6139

ROXBURGH Robb's Garage Ltd ph (03) 446 8129