

# NEW HOLLAND CLUB NEWSLETTER

Autumn 2011

**New Holland T7.210 Auto Command™  
Wins Golden Tractor for Design**

**Forage Harvester 50th Anniversary**

**Grape Harvester 35th Anniversary**

**Silver Innovation Medal for  
New Holland Crop ID System**

**Christmas Colouring Competition  
Winners Announced**



# NEW HOLLAND WINS 'GOLDEN TRACTOR FOR DESIGN 2011'

AT EIMA INTERNATIONAL 2010



This award represents yet another success for New Holland Agriculture and the T7 Series. The winners of the 2011 edition of the "Tractor of the Year" were announced at an award ceremony held in Bologna, Italy in November.

The jury of 20 journalists representing 20 European publications, specialising in agricultural machinery, awarded New Holland's T7.210 model the "Golden Tractor for Design" title, as the best machine of the year in terms of style, functionality and ergonomics.

This new success confirms the T7 Series as the most award-winning machine in the 14 year history of the event, with a total of two "Tractor of the Year" awards, in 2008 with the T7060 (now T7.260) and in 2010 with the T7070 Auto Command™ (now T7.270), and three "Golden Tractor for Design" awards; in 2008, 2010 and 2011.

The T7.210 model is powered by a 6,700 cm<sup>3</sup> Tier 4A compliant NEF engine with FPT SCR technology and is able to provide gains in performance while decreasing fuel consumption. Equipped with a New Holland Auto Command™ constantly variable transmission, the T7.210 also features the multi award winning SideWinder™ II armrest with CommandGrip™ lever for proportional speed and direction control and an IntelliView™ III touchscreen monitor. It also has the integrated New Holland IntelliSteer™ automatic GPS steering system.

Intended for users who prefer a compact machine but do not want to forfeit high performance, maximum versatility, great productivity and low running costs, the T7.210 has a weight-power ratio of 28.3 kg/hp, at the top of its category, and has been designed to allow the fitting of tyres up to size 650/65/R42.

These tyres considerably increase the footprint of the vehicle and allow decreased working pressure, improving traction and ground clearance while reducing slipping.

**To arrange a demonstration or for more information please contact your local New Holland dealer.**



## FROM GO TO WHOA CONTRACTOR DOES THE JOB WITH NEW HOLLAND GEAR

Franklin District contractor Paul Ingram has a large fleet of New Holland, Lemken and Fella machinery and has no plans to move away from the brands in the foreseeable future. Paul operates Ingram Engineering Ltd from his parents' farm at Te Kohanga, southwest of Auckland. He offers a range of services including full ground cultivation, square baling, pit silage and maize harvesting.

A mechanic by trade, Paul served his apprenticeship at Norwood Farm Machinery Centre in Pukekohe, and worked for the dealership for more than 10 years. This background means he has an extensive knowledge of the New Holland, Lemken and Fella brands.

Paul's fleet of machinery includes several New Holland tractors – a T7040, a T6070, a TS135A with an MX120 loader, an 8340 and a TS100 with an MX80 loader, which he recently sold to his father. He purchased the T7040 in 2007 and the T6070 last year from Norwood Farm Machinery Centre in Pukekohe, along with a New Holland FX38 forage harvester. The farm also has a Ford 5000 and a Ford 4600 that still earn their keep, as well as several older Fordsons in the shed that are now retired.

Paul says at 141hp, the T6070 is a great mid-range tractor suited for a variety of jobs such as mowing, power harrowing and towing trailers. "Our fleet of New Holland tractors does everything from ground cultivation to mowing, raking and trailer work," he says.

"The T7040 and TS135A are both 50km/h tractors with front suspension, which makes it easier to get to jobs. The T7040 is an awesome tractor power-wise and it's capable of doing so much. We mainly use it on the big discs or with our new BB9060 big square baler."

Paul bought the New Holland BB9060 Packer Cutter this season due to its great throughput, bale shape and density. "We chose the BB9060 because I had an older baler that was due for replacement, and the main things we wanted were CropCutter and a tandem axle. The CropCutter bales that go into mixer wagons break up a lot easier and are easier to feed out," says Paul. "So far with the crops we've been doing with it, it's making life so much easier with the throughput and the bale shape. We're very happy with it."

This is Paul's second year with his New Holland FX38 harvester, which he's equally impressed with. "This is our second grass season with it, and we've done one maize season as well. It means now we can do almost everything in-house and don't have to rely on anyone else. There was opportunity in our area to get into harvesting and this is our first harvester. It's tidy and is going well," he says.

Paul's brother Garry owns the trucking side of the business which carts all the silage, hay and straw bales and some of the bulk silage. When not in the truck he also helps out with the tractor driving.

When extra tractors are needed, two local farmers who are mates and also own New Holland tractors, help out during the busy time as sub contractors.



# NEW HOLLAND CELEBRATES 50 YEARS OF EXCELLENCE AND INNOVATION

The history of self-propelled forage harvesters began in 1961 when, with a daring and absolutely futuristic move for the time, New Holland decided to transform its famous pull-type forage harvester into a unit with its own engine and controls.

From that moment on, the pioneering and innovative spirit that has always marked New Holland has been expressed uninterruptedly. Giving rise to a series of real inventions that have revolutionised the sector, New Holland's self-propelled forage harvesters enable farmers and contractors to increase productivity, quality, efficiency, safety and driving comfort.

Among the main inventions, now all included in the equipment of the FR9000, are:

- Metaloc™ System for detecting and ejecting metal objects from the forage. Active protection for the machine and for livestock.
- Adjust-O-Matic™ System for sharpening knives and automatically regulating the knife-to-shearbar clearance. Better fodder quality and reduced power requirement.
- Variflow™ System for automatically adapting the blower position versus the cutterhead in relation to the use of the crop processor. Optimised blower performance.
- Power Cruise™ II System for adapting the engine speed and ground speed in relation to the crop load. Fuel saving of up to 15% on the field and up to 20% on the road.
- IntelliView™ III touchscreen monitor and CommandGrip™ multifunction handle. Maximum intuition and simplicity of operation, for one of the most successful control and

regulation systems on the market. Now also adopted on new tractors in the New Holland Series T7 and T8.

- HydroLoc™ feed roll drive system to provide instant and on-the move chop length adjustment to suit specific requirements.
- Double Drive independent attachment speed adjustment particularly useful for large attachments in demanding crop conditions. The attachment speed can be adapted independently from the feed rolls optimising crop cutting and collection.

All these highly innovative and productive systems have been included in the limited edition of the FR9000, produced to celebrate the 50th anniversary of the world's first self-propelled forage harvester.

Produced in a limited run of 50 units, the FR9000 50th Anniversary model features eye-catching commemorative decals, a chrome exhaust, luxury seat and leather steering wheel. This real "custom-built" model is intended for users who want an exclusive machine that symbolises New Holland's excellence in the field of forage harvesting.

Of course, this special version has been conceived and built in the New Holland Centre of Excellence for Harvesting Machines at Zedelgem (Belgium), home of the engineering and manufacturing departments for New Holland combine harvesters, balers and forage harvesters.

The Zedelgem plant also contains a vast testing area, a perfectly equipped dealer training centre, a recently renovated visitors' centre and a showroom where an exciting parade of New Holland blue and yellow machines can be admired.



# AG

*IN ACTION*



# BLUE IS WINNING COLOUR FOR TARANAKI FAMILY



## The Kuriger family in Taranaki is blue through and through

– from their New Holland tractors to their race car and even to the preferences of their little grandson.

Louis Kuriger loves New Holland tractors. He and wife Barbara use them to work the two farms they run with their son Craig and daughter and son-in-law, Rachel and Kenneth Short. Craig is sharemilking 200 cows on a 71-hectare property at Oaonui, while Rachel and Kenneth are equity partners milking 450 cows on the family's 175-hectare farm at Opunake.

"The family does all the day-to-day running of the farms, and I do all the development and contracting," Louis says. "We don't employ any contractors and we have all our own machinery. We do our own harvesting, fertiliser and cropping."

Louis and Barbara still own their original Ford 4610 tractor, which is 28 years old, as well as a New Holland TL90 they purchased in 2001.

"Last year we wanted another new tractor, so I went to Norwood Farm Machinery Centre in New Plymouth and told them I wanted one exactly the same as the TL90. We bought a T5040, which is a later model of the same machine," says Louis.

"We wanted the same sized tractor because they suit us as an everyday tractor on the farms. They're not too heavy. They are the right weight to suit what we want to do. There is plenty of room in the cab for my grandson Zak and his dog."

Craig uses the TL90 on the Oaonui farm, while the new T5040 is being used on the larger Opunake property. "When we're harvesting or doing crop work the tractors are shared between the farms. We don't have any big machinery so they suit us fine," Louis says.

The TL90 and T5040 are both 90hp models, and offer great horsepower for their light weight. "They haven't got many fancy bells or whistles and there's not too much that can go wrong. We look after them and they go pretty well. They're also good economical tractors to run. These smaller tractors can do the bigger work and the light work. They're very versatile.

They are not too heavy in the winter with the wet weather and they don't make a mess."

The Kurigers haven't had any problems with their New Holland tractors. He says he gets great service from the New Plymouth dealership. "Whenever we want anything they understand exactly what it is. They don't try to sell me anything that I don't need."

Louis' love of New Holland tractors led to their youngest son Tony and his wife Zoe surprising him by borrowing one from the Templeton branch for wedding photos for their Christchurch wedding last year.

Louis and Barbara's two and-a-half year old grandson Zak is also a big fan of New Holland and loves to drive around in his pedal-model toy New Holland tractor.

"We have a seat fitted in the TL90, and from the time he was three months old he has spent a lot of time in it. He can spend several hours a day out with me," Louis says. "He loves New Hollands."

Louis also likes the colour blue and even has a racing car, which is a miniature V8 super car, painted in New Holland colours. Norwood Farm Machinery Centre sponsored him to paint the car several years ago. "I'm quite proud of the race car and it's always good to be happy with what you're supporting," he says. "And now that I'm winning races it's even better."



# 35 YEARS OF GRAPE HARVESTING EXCELLENCE

Since 1975 Braud has been synonymous with excellence in grape harvesting technology. Braud has become the point of reference for demanding winegrowers looking for a simpler, quicker and more effective way to turn carefully tended grapes into memorable quality wines.

Relying on a solid know-how in harvesting equipment production, dating back to 1870 when Alexandre Braud founded his own company, Braud has developed a number of ingenious and successful inventions that have changed the face of grape harvesting worldwide and have won the respect even of the most "traditional" customers.

By respecting the vines, the grapes and the commitment of those who work hard all year long and have only a small window of opportunity to get a perfect, clean harvest to the cellar, Braud has extended and expanded the capabilities of its grape harvesters.

Starting with the original self-propelled unit, through the introduction of the multifunction concept and up to the latest Braud 9000L, the first intelligent grape harvester. With this new model and concept, Braud and its customer enter a new era, in which state-of-the-art technology is always matched with the most user-friendly interface, in order to make both standard and premium viticulture more productive, more cost-effective and easier.



35<sup>th</sup> BRAUD ANNIVERSARY

Awarded with Gold and Silver medals at SITEVI 2009, Braud 9000L is a totally new high-performance grape harvester series.

Features include:

- High capacity conveyors allow cleaning fans to remove impurities more effectively
- Lower hoppers and raised discharge height
- The new picking head allows up to 30% reduction in wash time
- Optional Row Tracking System, in conjunction with New Holland GPS guidance allows harvested rows to be identified on the monitor



SITEVI  
INNOVATION AWARDS

# NEW HOLLAND ANNOUNCES ESTABLISHMENT OF PILOT FARM

Through its Clean Energy Leader strategy, New Holland has earned a reputation as the most dedicated and proactive agricultural machinery brand in the field of environmental protection and sustainable farming.

New Holland is a pioneer in the promotion and use of biodiesel since 2006. Currently, 85% of the entire product range can run on 100% biodiesel.

New Holland is already marketing the industry's widest range of Tier 4A compliant products, boasting 20 tractors and 6 combine models.

The brand has also announced the establishment, on the outskirts of Turin, of the first pilot Energy Independent Farm equipped with New Holland NH2™ tractors.

## A DOUBLE AWARDED-WINNING PROJECT

Winner of the Gold medal at the SIMA Innovation Awards 2009, and the only one of its kind in the world, the extraordinary NH2™ tractor, powered by fuel cells and with zero emissions, has generated tremendous interest and attention among the agricultural community and all those concerned with sustainable farming.

The Energy Independent Farm concept centres on the capacity of farms to produce electrical energy from natural sources with low environmental impact, storing it in the form of hydrogen and reusing it easily.

The highly innovative content of the project (from a technological, energy and environmental standpoint, as well as its full compliance with EU targets for renewable energy), has earned it a place among the top projects in the programme "Industry 2015 – New technologies for Made in Italy", which is promoted by the Italian Ministry of Economic Development.

As a result of this prestigious accolade, New Holland, together with 13-partner consortium including Elasis, Envi-Park, ENEA, CNR, Verderone, Tonutti, API-COM, CRF, Ferrari Costruzioni Meccaniche, Roter Italia, Sapio and Zefiro, will be funded by the Ministry for approximately half of the around 11 million Euros total investment to develop the new second-generation NH2™ tractors.

## The first pilot farm

The practical trial will begin at La Bellotta Farm in Venaria, a few kilometres outside of Turin. By the end of 2011 the farm will see the introduction of the first of New Holland's second-generation NH2™ tractors, which will be used to trial electrical-powered implements such as seed drills, planters, transplanters and spreaders.

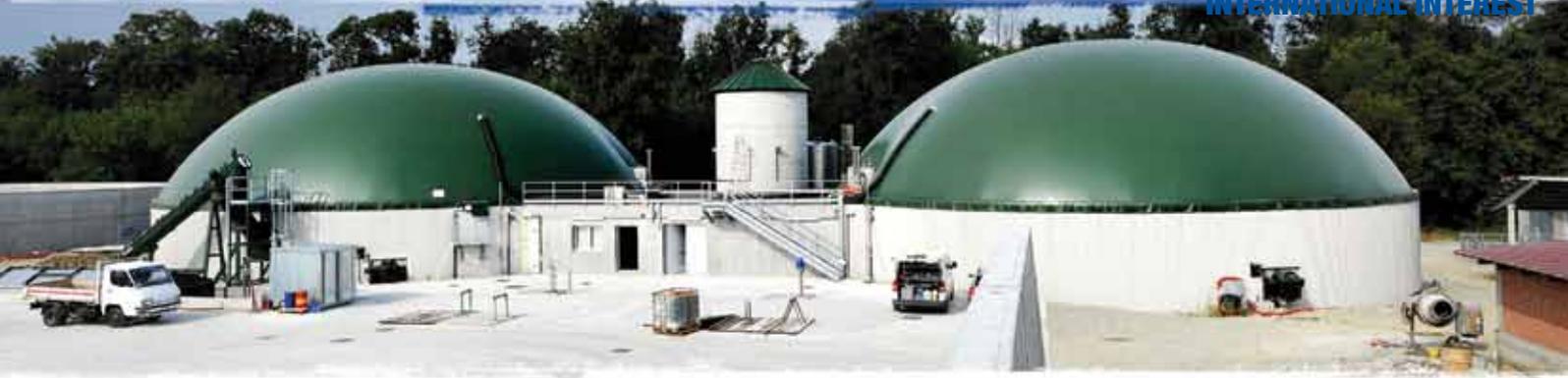
The NH2™ hydrogen-powered tractor uses fuel cell technology to generate electricity that powers its electric drive motor; on-board auxiliary apparatus and even electrical tilling implements. Based on the New Holland T6000 tractor, the model in operation at La Bellotta will have three fuel cells with a total power output of 100 kW.

Within the project's framework, various methods of producing the hydrogen that fuels the NH2™ tractor will be evaluated, including electricity produced from renewable sources to the most innovative 'reduced' scale steam methane reforming process.

The first case will involve electrolysis using the electricity produced by the farm's existing photovoltaic plant. The second method, if proven to be feasible and economically sound, will use methane supplied by the digesters of the 1 MW biogas plant that recently began operating at La Bellotta. Besides producing hydrogen and covering the total energy needs of the farm, the plant will be able to feed enough electricity into the national grid to meet the daily power requirements of around 10,000 people.

*"We chose La Bellotta," says Riccardo Morselli of New Holland Innovation and Product Development, "because its sustainable energy development programmes tied in perfectly with the Energy Independent Farm concept and gave us the chance to demonstrate that the hydrogen-powered tractor is not, as some sceptics claim, a simple style exercise, but a reality that will change the future face and impact of world farming."*





To enable the operation of NH2™ tractors, the farm will be equipped with a hydrogen storage tank and a special filling station complete with a compressor.

### La Bellotta: precursors of sustainable farming

Established in the mid-1950s, La Bellotta Farm has gradually expanded to its current size of 400 hectares: It has 100 hectares of coppice woodland managed for the production of firewood; 25 hectares of quality wood plantations for the production of timber; and around 250 hectares under cultivation for the production of maize, sorghum and triticale for the biogas plant.

Another 40 hectares are cultivated with organic soil management and provide fodder for the 9000 hens that lay organic eggs for a leading brand.

*"We have always believed in sustainable and organic farming," says the farm's owner Luca Remmert, "and we're among the first in this area to practice minimum and no-till farming - and to carry out waste sorting and used oil collection, well before they became compulsory."*

In 1994, La Bellotta began moving towards renewable energy production, trialling various crops such as beet, sunflower, flax and rape. In 2007 the farm installed a 3,000m<sup>2</sup> photovoltaic plant with an output of 180 kW.

"The cereals that we grow cover the total annual amount of biomass needed to feed the plant," continues Remmert, "On top of this are products derived from mowing and the manure from our hens, which is vital for the process of converting biomass into methane in the plant's two digesters.

"The cycle closes when we use up the 15,000 tonnes of digestate generated yearly as a by-product of the process, which makes excellent fertiliser for our fields. The surplus heat is used for the impending construction of a remote heating network to supply the surrounding industrial area with heat for technical uses."

The farm already has a fleet of New Holland tractors including a T7070 Auto Command™; a T6090; a T6070 Elite; a T6020 Elite and a T4050. It has seized on the chance to be the first to test the NH2™ hydrogen-powered model under actual working conditions.

"For us" says Luca Remmert, "it represents the fulfilment of a dream that began many years ago and which has come true little by little: Practising sustainable and organic farming, being energy self-sufficient and now, with the New Holland NH2™ tractor, achieving the target of zero emissions."

Full information regarding New Holland's NH2™ hydrogen-powered tractor, Energy Independent Farm concept and Clean Energy Leader strategy are available on the new website [www.thecleanenergyleader.com](http://www.thecleanenergyleader.com).

New Holland Agriculture has offset the greenhouse gas emissions produced as a result of the transport, energy and paper consumed during the Press Conference. AzzeroCO<sub>2</sub>, an Italian company based in Rome, made all the necessary calculations to quantify the emissions produced during the event, which add up to 29 tonnes of CO<sub>2</sub>, and has guaranteed to effectively offset this carbon. The carbon credits are purchased on the voluntary market and are generated via CO<sub>2</sub> absorption through forestation. They are recorded and avoided on a proper registry and are assigned to every avoided tonne of CO<sub>2</sub>. New Holland Agriculture has chosen a forestry project located in the Piedmont region, of which Turin is the capital.



# SIMA SILVER INNOVATION MEDAL FOR NEW HOLLAND CROP ID™ SYSTEM



New Holland Agriculture has won the Silver medal at the SIMA innovation awards 2011 for its Crop ID™ system developed for the BB9000 range of large square balers. This innovative technology was recognised by the jury as it will enable users to identify each and every individual bale thanks to a highly sophisticated tagging system, increasing baling accuracy and productivity.



## Individual bale real-time data logging

New Holland's award-winning Crop ID™ system enables operators and producers to record information in real time about every bale. As the bale passes through the chamber, an empty radio frequency ID tag is applied when the second knot is tied. When the bale exits the chamber and passes off the chute, the information recorded by the Crop ID™ Precision Information Processor is transferred onto the tag via an antenna which sits at the end of the upper part of the bale chamber.

The Crop ID™ Precision Information Processor records the average moisture reading for the entire bale, together with the highest value for an individual section, courtesy of New Holland's available advanced moisture sensor system. This system uses two star wheels that fully penetrate the bale to provide an extremely accurate measurement of the moisture content.

The amount of Crop Saver preservative applied to the bale, which is determined by the precision moisture reading, is also noted when using the Crop Saver applicator. Calculated using New Holland's award-winning bale weighing technology, together with the GPS location of the bale, the weight of the bale, a date and time stamp and a bale and field code for reference are also logged on the tag.

## Individual bale identification

This advanced system, another innovative industry-first for New Holland, will revolutionise bale management. Previously, bales were identified by crude, spray-paint tags and bale quality could only be measured on a large-scale, leading to large fluctuations in individual bale quality and the subsequent impact when they were used as fodder.

To ensure the correct bale is selected for every situation, the Crop ID™ tag can be quickly and easily read via an infrared scanner which is fitted to either the loading machine or used as a hand held device, depending on the requirements and the preference of individual operator. Quick selection is guaranteed as the tag does not even have to be visible for a successful scan.

The jury was particularly impressed by the vast range of information stored together with the instantaneous feedback which enables operators to select bales of the correct quality and moisture content. Bob Hatz, Hay & Forage and Crops Product Management, explained the advantages of this system: "This revolutionary system enables the selection of individual bales to guarantee optimal feed quality for livestock and horses, boosting profitability and productivity."

He continued: "It also allows accurate inventory monitoring and ensures that precision loads can be sent for shipping



with exact information declared to customs authorities. Furthermore, it enables contractors to provide accurate reports to buyers concerning the quality of specific bales."

## Part of the Precision Farming package

The Crop ID™ system will form an integral part of New Holland's advanced precision farming package. Users can download a log detailing the exact data relating to each and every individual bale. Moreover, as users will benefit from precise yield and field mapping data, they will be able to fine tune their inputs in order to increase their levels of productivity and profitability for future seasons.

Bale identification allows the user to accurately identify the crop conditions coming off the field with additional bale testing. This data, when combined with Crop ID™ tag information will allow the operator to customize his field needs from re-seeding to fertilizer application requirements when used with his mapping software.



From left to right: Andy Belcher (PSL Agri Ltd), Eric Steiner, Alf Steiner, Neville Steyn (PSL Agri Ltd).

## TROUBLE-FREE NEW HOLLAND FLEET POWERS LONG-SERVING CONTRACTOR

Bay of Plenty farmer and contractor Eric Steiner has built up a fleet of New Holland tractors because of their reliability and versatility. Eric and his wife Betty run a total of 1000 cows in six herds at Galatea, in conjunction with other family members. They also run their contracting business, Steiner Brothers, which does everything from alkathene pipe laying, metal and dirt transport to full cultivation, hay and silage.

“We’ve been doing this for 45 years,” Eric says. He started off with just a hedgecutter on a Ford 3000 and has built the business up from there. He has owned about 20 new tractors in total – all Ford and New Holland.

“We like their reliability. The 10 series is what makes the business really,” he says. Steiner Brothers still have three 7810s, which have run a total of 40,000 hours between them, and have never had any work done to them.

“They’ve never been touched and they still go as good as. They’re an amazing piece of machinery.”

Eric’s newest tractors are a New Holland T6030 that he has had for two years, a T6050 that has only done 500 hours, and a five-year-old TS135A. He bought the T6030 as a natural progression from the 7810s. “It’s roughly the same size and they do everything. In Galatea you can do

everything with one of them. The T6050 is the same, just with a bit more power. They’re great tractors.”

Eric likes the good visibility from the New Holland cabs and says the 40km transmission on the older machines is fantastic, offering a smooth ride on the road.

Steiner Brothers’ fleet of New Holland tractors has given them virtually no trouble at all over the years with maintenance and repairs. “We haven’t had a warranty claim on our tractors since 1991. We really haven’t had a warranty claim in over 80,000 hours,” says Eric.

“We do all our own maintenance and the total running cost for the tractors last year was just \$1500. It’s just amazing what we hear of out there with other makes and models and the trouble the cockies have here. Oil changes and a bit of grease is what it’s all about.”

Eric has a New Holland TS100 that has just done 9000 hours and has never had an oil leak or any work done.

“We’re not sure what it is – whether we operate them how they’re supposed to be operated – but that tractor would pass for 1000 hours, and it’s a loader tractor. For its size, it’s done a lot of heavy work.”





# CR9080 COMBINE DEMONSTRATION PROGRAM

New Holland has just completed its CR9080 Elevation combine demonstration program. Run throughout Canterbury from mid January until mid March, the combine has made its way to a number of combine operators to show them the benefits of the CR twin rotor threshing system.

Dan McGrath, our machine operator for the demonstration program, has spent the last two months travelling the length and breadth of Canterbury through various crop types demonstrating the performance and user-friendliness of this huge machine. The overall response has been fantastic even when harvesting often damp and therefore difficult to harvest crops of grass seed.

A customer day held by Norwood Farm Machinery Centre, Christchurch, at West Eyreton in the middle of February really showed the performance capability, regularly harvesting comfortably at 60 – 65 tonnes of barley per hour while cutting low to the ground to maximise the amount of straw for baling, all the while providing a very clean and undamaged sample.

**For more details on the CR and CX series combine harvesters from New Holland, see your New Holland dealer.**



Turn key ready - complete with canopy, radiator and electrics.

Four models available from 74kw/99hp to 192kw/257hp.

# NEW HOLLAND IRRIGATION POWER UNITS

Whichever New Holland model you select, you'll benefit from these standard features:

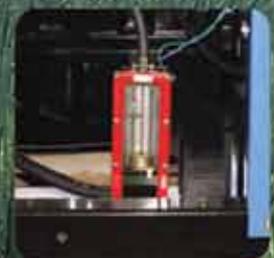
- Rodent proof control panel
- Dual element cyclonic air cleaner
- Air restriction indicator
- Alternator 12V 90 amp
- Starter 12V
- Engine lifting brackets
- Engine sub brackets
- Engine sub base
- Curved exhaust stack
- Fuel lift pump
- Low coolant shut down
- Air-to-air cooled radiator
- Positive de-aeration system
- Engine cooling fan (pull type)
- Sheet metal housing with hood
- Grill screen
- Fuel filter (in-line)
- Vernier, self-locking, throttle cable
- Nationwide service and support

New Holland Irrigation Power Units are O.E.M. designed, tested and manufactured to give you unparalleled fuel efficiency and dependability.

All units come with a 2 year/2,000 hour warranty, which ever occurs first.

PRODUCT FEATURES	S 85	S 110	S 170	SE 240
<b>ENGINE - CNH ENGINE CORPORATION</b>				
Engine model	F4GE940F*J610	F4GE9684D*J6	F4GE9684A*J6	6TAA-830
Cylinder bore	104 mm	104 mm	104 mm	114 mm
Cylinder stroke	131 mm	131 mm	132 mm	135 mm
Displacement	4.51 / 272 ci	4.51 / 272 ci	6.81 / 411 ci	8.31 / 504.5 ci
Compression ratio	17.5:1	17.5:1	17.5:1	18.0:1
Engine configuration	4 cyl / 2 valve	4 cyl / 2 valve	6 cyl / 2 valve	6 cyl / 2 valve
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
<b>CONTINUOUS HORSEPOWER RATINGS</b>				
<b>2200 RPM</b>				
Rated power, gross	74 kW / 99 hp	93 kW / 125 hp	129 kW / 173 hp	179 kW / 240 hp
Rated torque	293 Nm / 216 lb ft	403 Nm / 297 lb ft	559 Nm / 412 lb ft	777 Nm / 573 lb ft
Fuel consumption BSFC g/kw-hr	257	240	244	239
Power nett (less opt equip)	68 kW / 91	85 kW / 114	117 kW / 157	169 kW / 226
<b>2000 RPM</b>				
Rated power, gross	77 kW / 103 hp	92 kW / 123 hp	127 kW / 170 hp	192 kW / 257 hp
Rated torque	338 Nm / 249 lb ft	439 Nm / 324 lb ft	606 Nm / 447 lb ft	914 Nm / 674 lb ft
Fuel consumption BSFC g/kw-hr	237	237	239	226
Power nett (less opt equip)	71 kW / 95	85 kW / 114	120 kW / 160	184 kW / 247
<b>1800 RPM</b>				
Rated power, gross	76 kW / 102 hp	87 kW / 117 hp	121 kW / 162 hp	188 kW / 252 hp
Rated torque	371 Nm / 274 lb ft	461 Nm / 340 lb ft	641 Nm / 473 lb ft	995 Nm / 734 lb ft
Fuel consumption BSFC g/kw-hr	228	234	232	217
Power nett (less opt equip)	70 kW / 94	83 kW / 111	117 kW / 157	183 kW / 245
<b>PEAK TORQUE</b> (at 1400 rpm)	417 Nm / 308lb/ft	525 Nm / 387 lb/ft	770 Nm / 567 lb/ft	1116 Nm / 823 lb/ft
<b>INJECTION</b>				
Manufacturer	Bosch	Bosch	Bosch	Bosch P-3000
Type	Rotary	Rotary	Rotary	Mechanical
Governor breakaway speed	2200 rpm	2250 rpm	2250 rpm	2275 rpm
Governor regulation (nominal)	0.08	0.08	0.08	0.08
High idle speed	2400 rpm	2430 rpm	2430 rpm	2460 rpm
Low idle speed	850 rpm	800 rpm	800 rpm	1000 rpm
Key start / stop ignition	✓	✓	✓	✓
<b>ELECTRICAL SYSTEM</b>				
12V starter and alternator (batteries not included)	✓	✓	✓	✓
<b>EMISSIONS</b>				
Application	Non road	Non road	Non road	Non road
Certification level	TIER 3	TIER 3	TIER 3	TIER 2
Certified by	EPA, CARB, EU	EPA, CARB, EU	EPA, CARB, EU	EPA, CARB, EU
1. Gross engine rating per SAE J1995	✓	✓	✓	✓
2. Nett engine rating is per SAE J1349	✓	✓	✓	✓
3. Emissions certificate as US EPA TIER 3	✓	✓	✓	✓
<b>PTO/CLUTCH</b> (if equipped)				
Twin disc (brand) over centre clutch	Single 10 in	Single 11.5 in	Single 11.5 in	Dual 11.5 in
PTO shaft diameter	57.2 mm	57.2 mm	57.2 mm	63.5 mm
<b>INSTRUMENTATION</b>				
Oil pressure gauge with low pressure shut down	✓	✓	✓	✓
Coolant temperature gauge with high temperature shut down	✓	✓	✓	✓
Tachometer + hour meter + volt meter	✓	✓	✓	✓
Key switch starter	✓	✓	✓	✓
Emergency stop button	✓	✓	✓	✓
Jump start protection over starter solenoid	✓	✓	✓	✓
<b>MANUALS</b>				
Parts and operator's manual	✓	✓	✓	✓
PTO clutch manual (if equipped with PTO)	✓	✓	✓	✓
<b>OPTIONAL EXTRAS</b>				
Low engine oil shutdown	✓	✓	✓	✓
Double sheave front crankshaft pulley	✓	✓	✓	✓
Overspeed shutdown	✓	✓	✓	✓
Spark arrester	✓	✓	✓	✓
Muffler	✓	✓	✓	✓
Spark-arrest muffler	✓	✓	✓	✓
<b>SPECIFICATIONS</b>				
Dry weight (with PTO)	647.7 kg	681.3 kg	797.9 kg	891.2 kg
Dry weight (without PTO)	616.0 kg	645.0 kg	761.6 kg	N/A
Height (top of hood)	1223 mm	1223 mm	1351 mm	1306 mm
Height (top of exhaust)	1611 mm	1611 mm	1660 mm	1985 mm
Width (total)	1157 mm	1178 mm	1157 mm	940 mm
Length (skid)	1279 mm	1279 mm	1544 mm	1844 mm
Length (overall)	1623 mm	1627 mm	1892 mm	2355 mm

New Holland Quality - UNBEATABLE



# Get the latest model New Holland tractor for your business

Now is your opportunity to purchase the new release of New Holland tractors, offering you the most fuel efficient, Tier 4a engines available to buy. Not only do you get to choose from the latest engine technology, but you also get to choose from the latest offerings from New Holland.

## PRICE PROTECTION GUARANTEED!!\*\*

Should the RRP\* of your tractor increase before you take delivery, you are safe in the knowledge that you have the best purchase price, and should the RRP decrease, then we will supply you the tractor at the new lower purchase price, everyone benefits.

\* Recommended Retail Price

\*\* Terms and conditions apply



**Bluepower**



MS1217

## T7 SERIES

T7.210 Auto Command™, winner of Tractor of the Year 2011, the most awarded tractor range ever. Innovative Auto Command™ transmission, available from 125hp to 270hp.

## T8 SERIES

American brute pulling power, wrapped up in European style and comfort with cab suspension as standard. New fuel efficient engines, 100% longer service intervals, maximum 390hp, new interior cab design.

## T9 SERIES

Up to 670 max hp, these brutes are built to earn respect. New interior, with the operator in mind, now fitted with the award winning SideWinder™ armrest, and cab suspension as standard.

## ADVANTAGES OF TIER 4A ENGINES:

1. More productivity and power
  - a. Up to 7% increase in power
  - b. 13% higher torque
  - c. 52% increase in Engine Power Management
2. Lower operating costs, up to 10% reduction in fuel consumption than previous Tier 3 models.
3. Impressive savings, means more money stays in your pocket, not just by impressive fuel savings, but by extending service intervals by 100% on the new T8 tractors.



Contact your New Holland dealer today for great deals across the entire range of New Holland models.

[www.newholland.co.nz](http://www.newholland.co.nz)

# CHRISTMAS COLOURING COMPETITION WINNERS

Thank you to all who entered the Christmas Kids Colouring Competition.

Congratulations to our winners pictured here.



**Under 5 Years:** Aidan Appert  
aged 5 of New Plymouth



**9 to 11 Years:** Kristy Smith  
aged 10 of Kaponga



**6 to 8 Years:** Tyler Scown  
aged 6 of Patea



**12 to 15 Years:** Bella Drinnan  
aged 13 of Tangiteroria

The winner of each age group received a New Holland toy tractor.



# GOLD VALUE Parts

THE COMPETITIVE SOLUTION FOR YOUR OLDER TRACTOR. THE GOLD VALUE RANGE HAS BEEN DEVELOPED AS A COST EFFECTIVE, ECONOMICAL SOLUTION.

- ★ COMPETITIVE PRICES
- ★ NEW HOLLAND QUALITY
- ★ 12 MONTH NEW HOLLAND PARTS WARRANTY
- ★ SELECTED BY NEW HOLLAND SPECIALISTS
- ★ A RANGE OF PARTS YOU CAN RELY ON



FORD



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## 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, Freepost 255  
PO Box 1265, Palmerton North

or send them by email to:

[newhollandclub@norwood.co.nz](mailto:newhollandclub@norwood.co.nz)

## YOUR LOCAL NEW HOLLAND DEALERS

**KAIKOHE** Dave Boyt Farm Machinery Centre Ph (09) 405 2269 - sales

**WHANGAREI** Dave Boyt Farm Machinery Centre Ph (09) 438 4719

**PUKEKOHE** Norwood Farm Machinery Centre Ph (09) 238 7189

**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

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**NELSON** N S Rogers Ltd Ph (03) 528 9212

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**ASHBURTON** Gluyas Motors Ltd Ph (03) 307 5800

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

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**GORE** Southland Tractors Ltd Ph (03) 208 8333

**INVERCARGILL** Southland Tractors Ltd Ph (03) 235 8741

### PARTS AND SERVICE

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**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