



NEW HOLLAND T8000

T8020 | T8030 | T8040 | T8050



SERIES T8000. ALL THE STYLE, PERFORMANCE AND INNOVATION YOU EXPECT FROM NEW HOLLAND

Powered by Tier III compliant engines, the four model T8000 range offers rated power outputs from 248 to 325hp(CV), with maximum power climbing from 281 to 358hp(CV) for the range topping T8050.

As always with New Holland tractors, there is a great deal more to these four great looking models than power output. As standard, they are packed with operator friendly features and provide an excellent working environment. In the spacious and comfortable cab, an easy to read IntelliView™ II monitor comes as standard which enables automated functions and tractor settings to be quickly and easily accessed.

The Ultra Command™ transmission is offered in a choice of 19X4 Eco (40kph at reduced speed), 19X4 50kph and 23X6 40kph with creeper speeds. All versions benefit from Ground Speed Management, GSM, which enables the operator to set the transmission in automatic field and transport modes. GSM delivers seamless performance for optimum productivity and economy.

All four T8000 models are fitted with a powerful closed centre load sensing hydraulic pump that delivers 166lpm flow. Up to five remote valves can be fitted, with rear lift capacities of 9126kg for the T8020 and T8030 and 10203kg for the T8040 and T8050. Every detail is paid attention to. Typical New Holland.

STYLED TO PERFORM

New Holland styles all its tractors to enhance visibility in all directions. The compact design of the T8000 does not compromise its performance, it does however make it very adaptable to different tasks. If carrying out road haulage or ballasted for high draft work the T8000 will not disappoint.



UNIQUE TO NEW HOLLAND

It is more than just modern styling and class leading ergonomics that sets New Holland T8000 tractors apart. All models are standard with a double acting suspended Terraglide™ front axle. This houses a fully locking front differential to obtain maximum traction and a steering angle sensor to control the auto four wheel drive, auto differential locks and, if fitted, the IntelliSteer™ auto guidance.



TRACTORS TO MATCH YOUR NEEDS

New Holland has unrivalled worldwide experience in the design of tractors that maximise power-to-ground efficiency. The Series T8000 driveline is unique in its class, featuring a cantilevered engine with direct drive into the transmission and PTO. More power reaches the wheels and powered implements for greater productivity. Series T8000. The operator's choice.



PUTTING THE OPERATOR IN FULL COMMAND

Series T8000 tractors are built around the operator. From the multilevel seat heating system through to the easy to read IntelliView™ II monitor, the design focus of these outstanding tractors is centred around comfort and ease of operation. Take a look at the new, easy to use hydraulic controls. Glance around the cab, see the view to the sides and rear. Fire up the six-cylinder engine and notice the even lower noise levels. Consider the large floor space and provision for a passenger seat. **Do other tractor brands offer so much?**



UNMATCHED RIDE COMFORT

An extremely advanced air suspension seat is fitted to reduce fatigue. It offers full vibration protection for operators of every shape, weight and size. The Auto Comfort™ semi-active seat is fitted with a sensor that automatically anticipates and adjusts the amount of damping required to supply a smooth and comfortable ride, regardless of terrain.



EASY TO READ INFORMATION

All standard displays are mounted on the right A-pillar while the IntelliView™ II monitor is on the armrest. The operator does not need to look around for any information, all relevant data being displayed at eye level. The tractor performance monitor provides comprehensive information from area worked through to percentage of power used. Tractor settings for implements, such as hydraulic remote valve settings, can be stored and later recalled as implements are exchanged.



GREAT ERGONOMICS FOR EASY OPERATION

On Series T8000 tractors, the right hand armrest groups all frequently used controls together, where they are easy to identify and operate. The throttle, Ultra Command™ lever and remote valve paddles are all mounted in the same plane. The other major controls, including the PTO switch, linkage and draft controls, transmission control modes and traction management, are all grouped within a separate lower section of the same armrest. This logical layout is easy to learn and simple to use.



SEE MORE, DO MORE

For night operations, all models have no less than 12 work lights as standard. This provides the lighting power to maintain productivity at daytime levels. High Intensity Discharge work lamps can be specified. These produce an intense, white light that is similar to natural daylight. Offering a range of up to 107m, with a bulb life of 6000 hours, HID work lamps are the ideal choice for tractors working 24 hour shifts.

EASY ACCESS TO AUTOMATED FEATURES

New Holland has carried out extensive research into the use of automatic steering, automated transmission and headland management features. A key finding has been that operators will only use automated systems when they are easy to set up and adaptable to changing conditions. Series T8000 tractors have been developed with automated systems that meet operators expectations.

PROGRAMMABLE HEADLAND SHIFT

A simple automated mode that allows the operator to pre-program headland gear selection. This reduces the number of tasks that need to be carried out during a turn, while retaining full manual control of the implement.



HEADLAND TURN SEQUENCING (HTS)

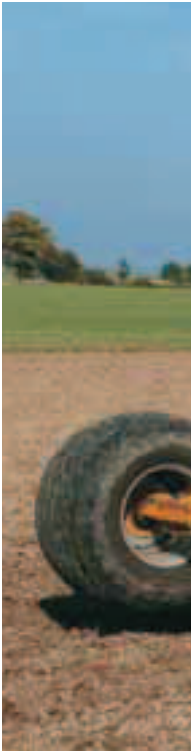
Proven on existing New Holland tractor models, HTS enables the operator to pre-program headland functions that can include changing gear, lifting the linkage, operating remote valves and switching off the PTO during a headland turn. The system operates by 'recording' the controls used when an implement is both taken out and returned to work during a turn. These functions can be stored and recalled for different implements.

GROUND SPEED MANAGEMENT - FIELD

GSM Field can operate between Ultra Command ratios 1 to 14. The operator sets a target operating speed. GSM Field will then select the best engine speed, down to a minimum of 1500rpm and transmission ratio to meet this target speed. The engine speed is carefully matched to the load on the tractor, delivering a perfect match balance between productivity and fuel economy.

GROUND SPEED MANAGEMENT - TRANSPORT

With GSM Transport, the operator is provided with a seamless driving experience. Just like a CVT transmission, GSM Transport provides the best balance between forward speed, engine speed and load. All the operator has to do is engage GSM Transport and the hand or foot throttle adjust forward speed rather than engine speed. GSM Transport maximises fuel efficiency.





PURE THOROUGHBRED MUSCLE



T8000 tractors offer enhanced power and torque development to suit high output applications.

All models feature Common Rail fuel injection systems with advanced engine management. This enables the power units to deliver the high torque rise demanded of a modern constant power engine; torque rise is measured between PTO rated speed at 1984rpm and maximum torque developed at just 1500rpm. The percentage rise is a massive 40% for the T8050. Check this with the competition and see the New Holland benefit. Of equal importance, all models are fitted with 682 litre fuel tanks. Long shifts between fills are easily achieved.





COMMON RAIL ELECTRONIC FUEL INJECTION – OFFERS MAXIMUM ECONOMY

All models feature high pressure common rail fuel injection, already found on other models in the New Holland range.

This technology ensures optimum fuel use, high efficiency and the three pulse injections ensure the smoothest running imaginable. All engines meet the latest Tier III emissions standards.

LET THE FIGURES DO THE TALKING

The rated power of T8000 tractors only tells part of the story. Rated power grows by up to 10% at PTO speeds. Torque rises by up to 47% at its maximum. These powerful tractors have in-built reserves to ensure productivity is not compromised in changing conditions.

All models can be specified with an optional reversible fan, which comes as standard on the T8050.

Developed to enable the engine, air conditioning and oil cooling radiators to be blown clean at predetermined times during work, the reversible fan benefits from “variable blade pitch” technology. The amount of air drawn through the radiators is automatically adjusted according to temperature, so the power required by the fan is usually less than that normally used by a standard viscous coupled unit. The reversible fan is of particular benefit when operating front mounted equipment.



SMOOTH SHIFTING ULTRA COMMAND™ TRANSMISSION

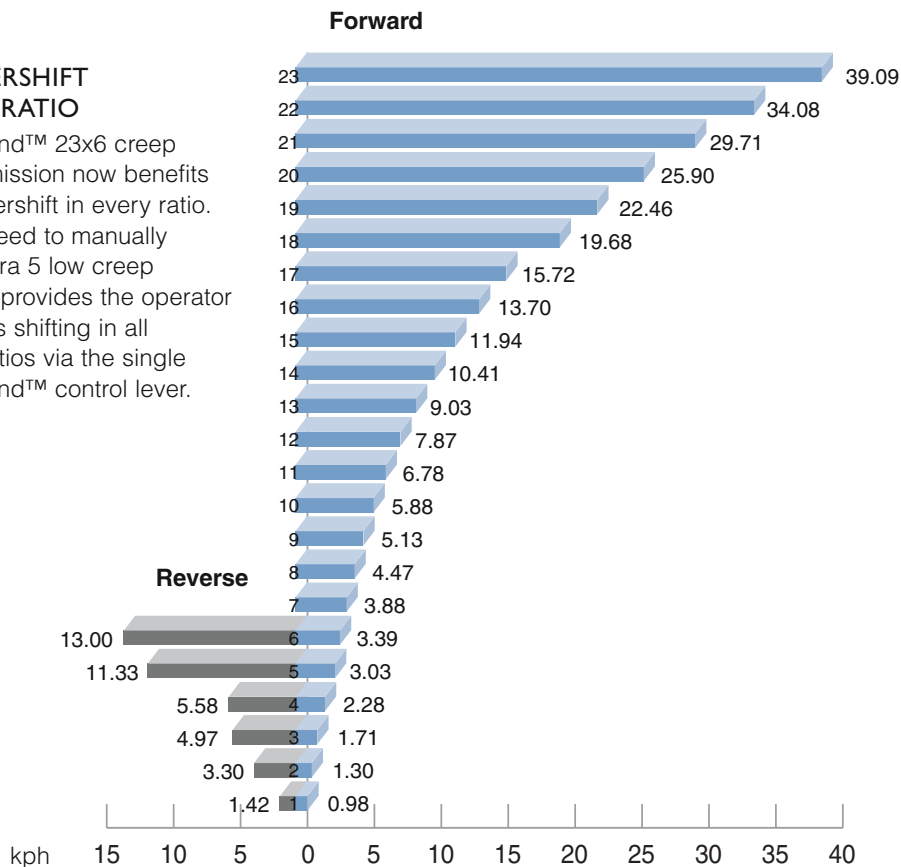


Ultra Command™ transmissions can be specified in 19x4 50kph* and 23x6 creep speed versions. These versions are all based around the same transmission module and are available on all T8000 tractors. All Ultra Command™ feature the same easy to use controls, with a full powershift to ALL ratios. A key feature of T8000 tractors is the smooth way in which Ultra Command™ changes ratio. The operator benefits from greater comfort and reduced shock loads on the tractor and implements. This is of particular value when working under full load. Ultra Command™ is now available with the easily selected GSM Field and GSM Transport. The tractor can be set to automatically by selecting both the optimum engine speed and transmission ratio. Key benefits include a reduced need for operator input, reduced overall fuel consumption and optimised productivity.

*Market restrictions apply.

FULL POWERSHIFT FOR EVERY RATIO

Ultra Command™ 23x6 creep speed transmission now benefits from full powershift in every ratio. There is no need to manually select the extra 5 low creep speeds. This provides the operator with seamless shifting in all 23 forward ratios via the single Ultra Command™ control lever.



FAST TRANSPORT, ECONOMICAL TRANSPORT

Series T8000 tractors with the 19x4 Ultra Command™ transmission are capable of running at 50kph, where market conditions allow, or operating at 40kph at a reduced engine speed. All T8000 models capable of 50kph are fitted with Terraglide™ suspended front axles.

ONE LEVER, THREE BUTTONS AND THAT IS IT

New Holland has developed the Ultra Command™ transmission so it is genuinely easy to use. In 'manual' powershift mode, the operator has access to all forward ratios via simple up and down shift buttons. A modulated Powershuttle, engaged by simply pulling the lever back through neutral, makes changing direction quick, safe and simple. Typical New Holland.

THE RIGHT SPEED FOR THE JOB

Ultra Command™ transmissions offer an excellent speed overlap between ratios. In changing conditions, these transmissions can be easily switched to a higher or lower ratio to maintain performance. This can be done manually or automatically when GSM mode is selected.

CONTROLLED POWER. WHAT T8000 DOES BEST

Series T8000 tractors are standard with a suspended front axle. This provides superb comfort levels and increases traction levels. Dynamic fenders allow the optimum turn angle to be achieved while a steering angle sensor can be set to disengage the four wheel drive, reducing your turning circle still further.



TERRAGLIDE™ TO MATCH HIGH SPEED POTENTIAL

New Holland Terraglide™ front axle suspension is available on all Series T8000 tractors. It offers a class leading 112mm of travel and will help maximise tractor stability and control at transport speeds. The system also improves comfort and traction, particularly in secondary cultivation and higher speed top work applications. Damping is controlled via an advanced accumulator and regenerative valve system for a controlled and smooth ride.

NEW GENERATION SUPERSTEER™ AXLE - WHEN A TIGHT TURN MEANS A TIGHT TURN!

A unique new generation SuperSteer™ front axle is available on all Series T8000 tractors. Offering a massive 65 degree turn angle, SuperSteer™ axles deliver optimum manoeuvrability. No other tractor in this class can match the headland turn times of a T8000 equipped with a new generation SuperSteer™ axle. Where tight turns boost work rates, these are the tractors to choose (UK/ROI models standard with Terraglide™ suspension axle).



THE POWER TO STOP SAFELY

To meet the demand for higher transport speeds, the rear brakes of T8000 tractors benefit from high friction area, oil immersed brakes. In addition all models are equipped with hydraulic and pneumatic trailer brakes for safe haulage at 50kph.

TERRALOCK™ TRACTION MANAGEMENT

Terralock™ can be set to automatically manage the engagement and release of 4WD and the front and rear differentials. As a turn is made, Terralock™ can release the differentials and disengage 4WD, re-engaging both as the tractor returns to work. Terralock™ works with both trailed and mounted equipment.

SERIES T8000 TRACTORS SUIT MODERN DEMANDS FOR VERSATILE PERFORMANCE



Series T8000 tractors are designed so that they can be used efficiently across a broad range of applications. This means they have a high rear lift capacity, powerful and advanced hydraulics and a PTO with the range of speed and shaft sizes to suit a wide variety of attachments.

New Holland has also developed a front linkage system to compliment the cantilever engine mounting system of the tractor. Compact and designed to fold out of the way when not in use, this front linkage is a quick and convenient way to add and remove front ballast.

Hydraulic and PTO controls are fitted to both rear fenders.



HYDRAULIC POWER ON DEMAND

Series T8000 tractors are fitted with an advanced closed centre load sensing hydraulic pump, which only operates when there is a demand for oil and will deliver up to a maximum of 166lpm at rated speed. Up to five remote valves with timers and flow control are available.

PTO WITH AUTO CONTROL

The PTO system has an extremely efficient transmission path to minimise power loss from the engine and delivers its rated speed at a fuel conserving 1984rpm. All T8000 models are fitted with Auto PTO Control. This system can be set to automatically operate with the lift linkage, cutting and re-engaging power to the PTO as an implement is raised and lowered during a headland turn. The system works independently of the headland turning system ensuring programming is simplified wherever possible.

MORE THAN MASSIVE LIFT

Rear linkage lift capacity on T8000 tractors is a generous 9126kg on the T8020 and T8030, climbing to 10203kg on the T8040 and T8050.

BESPOKE FRONT LINKAGE

Uniquely developed for T8000 tractors, the front linkage system can be retrofitted as a Dealer Installed Accessory. Offering 6370kg lift capacity, the linkage arms can fold vertically when not in use.



NEW HOLLAND OFFERS SO MUCH MORE

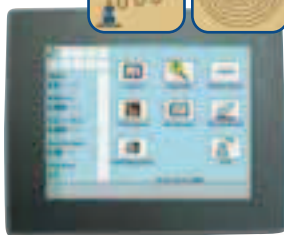
INTELLISTEER™ AUTOMATIC STEERING SYSTEM

Series T8000 can be specified with a fully integrated New Holland designed and developed IntelliSteer™ Automatic Steering System. Using DGPS or RTK Technology and fully integrated control systems the IntelliSteer™ system helps ensure parallel pass to pass accuracy of up to 1 – 2cm*. The IntelliSteer™ system is ideal for seeding and planting in the most demanding situations and dramatically improves operator performance and comfort. An additional benefit of using RTK correction with the IntelliSteer™ system is the guaranteed year to year repeatability, which is becoming more important with today's modern farming techniques. All this and more at the touch of a button.

* Using RTK correction signal.

INTELLIVIEW™ PLUS II MONITOR

The IntelliView™ Plus II Monitor enables the programming and personalising of settings for auto guidance, and provides the visual interface when operating the IntelliSteer™ System. The IntelliSteer™ System when linked to the IntelliView™ Plus II Monitor can perform a number of different patterns. These are:



NH 262 RECEIVER

The NH 262 receiver is capable of working with EGNOS, OmniSTAR or RTK correction. For RTK applications a slim profile radio mounts underneath the receiver.



RTK BASE STATION

An RTK base station can be used to broadcast a correction signal to achieve a pass to pass accuracy of 1-2cm.

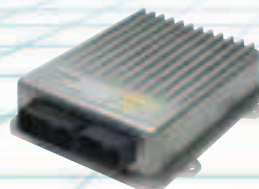


NAVIGATION CONTROLLER II

The Navigation Controller II is the main control system which continually corrects for roll, pitch, and yaw by using state of the art 6-axis solid state inertial sensors to give you a true on-ground position.

INTEGRATED CONTROL SYSTEMS

The New Holland IntelliSteer™ System uses built in steering angle sensors to keep the Navigation Controller II informed of wheel direction. Also integrated into the hydraulic system is a control valve which converts the signals from the Navigation Controller II into hydraulic movements of the steering system.



BEYOND THE PRODUCT



TRAINED TO GIVE YOU THE BEST SUPPORT

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through on-line courses as well as intensive classroom courses. This advanced approach ensures your dealer will always have the skills needed to look after the latest and most advanced New Holland products.

FINANCE TAILORED TO YOUR BUSINESS

CNH Capital, the financial services company of New Holland, is well established and respected within the agricultural sector. Advice and finance packages tailored to your specific needs are available. With CNH Capital, you have the peace of mind that comes from dealing with a financing company that specialises in agriculture

SERVICE PLUS - LONG LASTING CONFIDENCE

Service Plus coverage from Covéa Fleet provides owners of New Holland agricultural machinery with additional cover on the expiry of the manufacturer's contractual warranty. Please ask your dealer for more details. Terms and conditions apply.



DEALER INSTALLED ACCESSORIES

A comprehensive range of approved accessories to optimise machine performance in all conditions can be supplied and fitted by your dealer.

MODELS	T8020	T8030	T8040	T8050
New Holland Engine developed by CNH Engine Corporation	4 Valves per cylinder / Common Rail electronic injection			
No. of cylinders / aspiration / emission level	6 / turbocharged, air to air intercooled / Tier III			
Capacity (cm ³)	8300	8300	8300	9000
Rated engine power ISO TR14396 - 2000/25/EC [kW/hp(CV)]	182/248	201/273	227/308	239/325
Rated engine speed (rpm)	2200	2200	2200	2200
Maximum engine power ISO TR14396 - 2000/25/EC [kW/hp(CV)]	207/281	226/307	251/342	263/358
Max. torque ISO TR14396 at 1500rpm (Nm)	1162	1285	1367	1450
Torque rise (%)	47	47	39	40
Approved Biodiesel Blend	B100*	B100*	B100*	B100*
Fuel Tank capacity (l)	682	682	682	682
Reversible fan	○	○	○	●
Ultra Command™ transmission				
Transmission type	Full Powershift with integrated electronic forward / reverse shuttle			
19x4 Ultra Command™ (40kph Economy or 50kph)*	○	○	○	○
23x6 Ultra Command™ (40kph)	○	○	○	○
Ground Speed Management	●	●	●	●
Axles				
Terraglide™ suspended front axle	●	●	●	●
Hydraulics				
Type	Closed centre load sensing variable displacement pump			
Main pump flow (lpm)	166	166	166	166
Pump Pressure (bar)	224	224	224	224
Electronic Draft Control / Wheel slip limiter	●	●	●	●
Remote valves				
Type	Deluxe	Deluxe	Deluxe	Deluxe
Max. number	5	5	5	5
Linkage				
Maximum lift capacity at ball ends with arms horizontal (kg)	9126	9126	10203	10203
Continuous lift capacity through the range (610mm behind bar ends) (kg)	6706	6706	7416	7416
Front hitch max. lift capacity Standard / SuperSteer™ front axle (kg)	6370 / 6460	6370 / 6460	6370 / 6460	6370 / 6460
PTO				
Engine speed at:				
540rpm (rpm)	1984	1984	–	–
1000rpm (rpm)	1984	1984	1984	1984
PTO activation	electro-hydraulic	electro-hydraulic	electro-hydraulic	electro-hydraulic
Cab				
Air conditioning	●	●	●	●
Automatic climate control	●	●	●	●
Auto Comfort™ seat	●	●	●	●
CAN-bus electronics	●	●	●	●
IntelliView™ II colour monitor	●	●	●	●
IntelliView™ Plus II colour	○	○	○	○
ISO-bus Compatible (ISO 11783)	●	●	●	●
Cab noise level OECD dB(A)	74	74	74	74
Turn radius				
Optimum turn radius Standard and Terraglide™ front axle (mm)	5000	5000	5000	5000
Front wheel turn angle Standard and Terraglide™ front axle (°)	55	55	55	55

MODELS

T8020

T8030

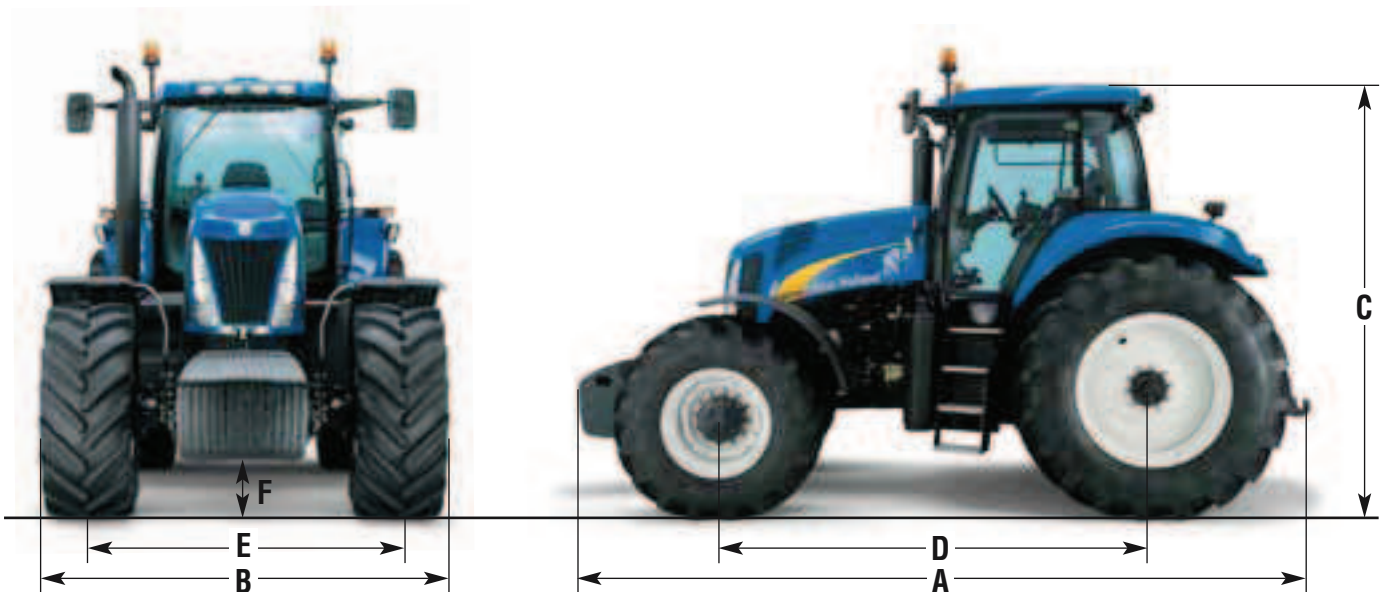
T8040

T8050

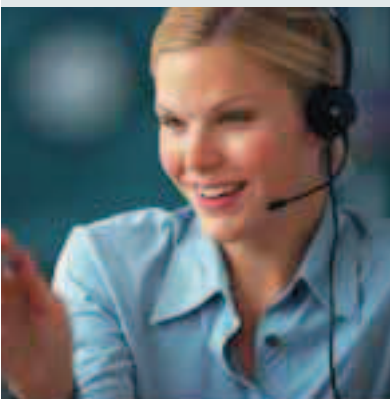
Dimensions on standard tyres		T8020	T8030	T8040	T8050
A Overall length inc. weight pack and rear linkage (All axle types) (mm)		5829	5829	5829	5829
B Minimum width (mm)		2490	2490	2490	2490
C Overall height (mm)		3331	3331	3331	3331
D Wheelbase:					
Standard and Terraglide™ suspended front axle (mm)		3078	3078	3078	3078
E Track width:					
Front min. / max. (mm)		1550 - 2270	1550 - 2270	1550 - 2270	1550 - 2270
Rear min. / max. (mm)		1520 - 2340	1520 - 2340	1520 - 2340	1520 - 2340
F Ground clearance (mm)		372	372	372	372
Weights**					
Min. unballasted weight (kg)		8978	9259	9259	9259
Permissible total weight (kg)		14000	14000	14000	14000
Standard Tyres**					
Front		600/65 R28	600/65 R28	600/65 R28	600/65 R28
Rear		710/70 R42	710/70 R42	710/70 R42	710/70 R42

* Conditions Apply **National restrictions apply

● Standard ○ Optional



NEW HOLLAND TOP SERVICE: CUSTOMER SUPPORT AND CUSTOMER INFORMATION



TOP AVAILABILITY.
If you need information, or have an out of hours question, ring our toll-free number*. All day, every day, we are just a call away.

TOP SPEED.
Express parts delivery: when you need it, where you need it!

TOP PRIORITY.
Fast-track solution during the season: because your harvest can't wait!

TOP SATISFACTION.
We drive and track the solution you need, keeping you informed: until you are 100% satisfied!

TOP SERVICE

00800 64 111 111

* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call **01 2421881** and this will be charged at your standard network rate.

For more details, ask your New Holland dealer!



AT YOUR OWN DEALER



YOUR SUCCESS - OUR SPECIALTY

Visit our web site for UK: www.newholland.com/uk - for ROI: www.newholland.com/ie

**ASK FOR A
TEST DRIVE!**

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