

# T6000 RANGE

T6020 | T6050 | T6070



**Plus** 

**Elite** 

## ENGINEERED BY DESIGN TO MEET YOUR NEEDS

### MAXIMUM VERSATILITY

New Holland knows that no two farms are alike, and that you need a tractor to suit your individual needs. With the T6000 Plus and Elite range you will find your perfect partner. Need a tractor that can effortlessly switch between livestock, open field and transport applications? Well, look no further! Eleven different models are available and they can turn their hand to any task, and are always ready when you are.

### PRODUCTIVITY AND POWER

Want a tractor that offers you the best of both worlds? The T6000 range is the natural choice. Featuring New Holland NEF engines that offer rated torque of 625Nm at only 1250rpm, you get exceptional fuel economy, which means more money in your pocket. Need extra power for demanding transport and PTO applications? With the Elite's power boost, you have up to an extra 36hp on tap that provides the reserves you need to get the job done. For demanding hydraulic applications, up to 113Lpm of flow mean you get your task done on time, every time.



### ✓ ULTIMATE COMFORT

Long days just fly by thanks to the Horizon™ cab's industry-leading levels of comfort. Demand visibility? Try 5.87m<sup>2</sup> of glass for a perfect 360° view. New Holland is also setting the industry benchmark with enviable ergonomics: everything is where you told us you needed it. All major controls are at your fingertips, right where you expect them to be. Together with cab suspension (optional) and a vast range of seat options, this takes operator comfort to a whole new level.

### ✓ QUALITY AND RELIABILITY

Product quality is a New Holland top priority. Want proof? The T6000 range has been engineered by design to offer the ultimate levels of reliability, by matching the very best of proven technology with the industry's latest and most efficient manufacturing processes. If that wasn't enough, over 27,000 hours of testing over two continents will ensure that your T6000 will always be ready when you are. The use of durable, premium grade materials in our cab interiors mean that they not only look and feel great, but they are crafted to stay that way.



# T6000 RANGE, TAILOR MADE FOR YOUR FARMING REQUIREMENTS

New Holland has developed a vast, yet tailored product offering to perfectly match your requirements. Featuring hydraulic performance of up to 113Lpm for even the most demanding applications. Want more? A lift capacity of up to 7864kg? How about perfect visibility of your front loader, even at its maximum height? With up to 178hp on tap with engine power boost, you'll be able to find the tractor that suits your needs.



MAX. ENGINE  
POWER RANGE  
[hp(CV)]

**Plus** >>>

4 & 6  
cylinders  
Mechanical  
**101-142**

TRANSMISSION  
CHOICE



HYDRAULIC  
FLOW  
[Lpm]

Fixed **80**



MAX LIFT  
CAPACITY  
[kg]

**7864**



ROOF HEIGHT  
[mm]

Standard Cab

2900

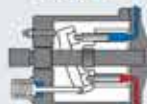


**Elite** >>>>

4 & 6  
cylinders  
Electronic  
**142-178**



CCLS **113**



**7864**



Suspended Cab

2965





#### PLUS: A SPECIFICATION THAT MEETS YOUR NEEDS

The generously equipped Plus will satisfy virtually all of your farming needs. With engine output of up to 142hp, you have the power you need in the field or yard. The advanced Electro Command™ transmission offers simple push-button gear changing. With the proven fixed displacement hydraulics, together with a lift capacity of up to 7864kg, the Plus will satisfy all your farming needs.



#### ELITE: OPTIMISED FOR ULTIMATE PRODUCTIVITY

Conceived for large scale growers and contractors, the Elite benefits from the very best of agricultural engineering. Featuring electronic common rail engines, which produce up to 178hp with engine power boost, you have a responsive, powerful engine that offers exceptional economy. Featuring the Electro Command™ transmission, with the optional direct drive you can reach a top transport speed of 50kph in absolute comfort thanks to the deluxe air suspended seat. You've just found your perfect farming partner.



## OUTSTANDING ENGINES FOR EVERY APPLICATION

Mechanical or electronic? The choice is yours. The T6000 range is available with New Holland NEF four or six cylinder mechanical and electronic engines, with rated power outputs ranging from 101 to 142hp. T6000 tractors are powered to suit your specific needs, and the entire engine range has been engineered to meet stringent Tier III emissions regulations. If that wasn't enough, all New Holland tractors can run on 100% biodiesel. Contact your local authorised dealer for more information.



### ENGINEERED TO REDUCE OPERATING COSTS

Advanced engineering design means lower maintenance demands. All T6000 tractors offer class-leading 600 hour service intervals using approved conventional oils without compromising longevity. Choose New Holland to save money, downtime and to protect the environment.



T6050 ELITE POWER & TORQUE CURVES



### DEPENDABLE MECHANICAL ENGINES

Available on Plus models, these engines feature two valves per cylinder with mechanical fuel injection. Maximum torque is available at very low operating speeds, making them ideal for yard and loader work. However, they also shine in the field, with the performance in reserve for demanding PTO applications, such as baling. Brilliant for all round versatility, these efficient engines can lower your operating costs, meaning more money in your pocket.

### EFFICIENT ELECTRONIC ENGINES

The range topping Elite model has a four valve per cylinder electronically governed, high pressure Common Rail fuel injection system as standard. These engines are even more responsive, reacting to sudden increases in load with ease. If you want an efficient and quiet engine that produces maximum torque of 678Nm at only 1600rpm, then you've just found what you're looking for.

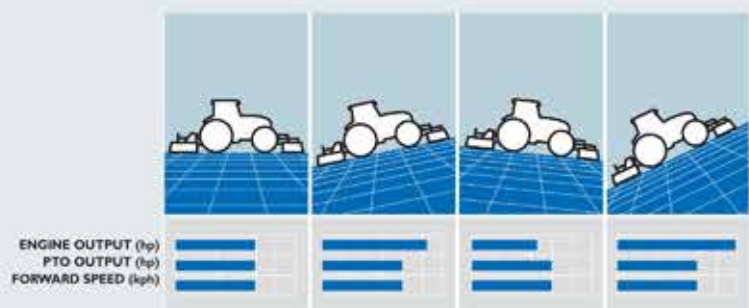


### ENGINE SPEED MANAGEMENT

Only available on the range-topping Elite models, ESM precisely fuels the engine to accommodate fluctuations in load to maintain the desired engine speed; perfect when baling or for draft and yard work. The system can automatically memorise two speeds, and the operator simply toggles between them for ultimate ease of use and optimum fuel efficiency.

### EPM. REAL POWER BOOST, BUT ONLY WHEN IT'S NEEDED

Available on Elite models only, Engine Power Management (EPM) provides up to an extra 36hp in demanding transport and PTO applications; automatically reverting back to standard output as conditions ease. The result? You get the extra performance of a high powered tractor but only when you need it.



## QUIET, COMFORTABLE AND OFFERING A GREAT VIEW

### 360° VISIBILITY DESIGNED AROUND YOU

Want all round visibility? Then New Holland's industry-leading Horizon™ cab is the solution, offering a 360° view. In the yard, in the field, or on the road, you have an uninterrupted view of what you are doing. Regardless of specification. What's more, your comfort is New Holland's prime concern, and they know that when you spend long days in the cab, enhanced comfort means a productivity advantage. This is why all the controls have been positioned where you told us you wanted them. Note the seat and steering wheel are fully adjustable to suit you. The choice of air conditioning or the optional full climate control means you'll stay cool even on the hottest days. Wide open doors guarantee easy cab access, and they can be closed from the operators seat. Small details that make a big difference.



### BRIGHT LIGHTS FOR DARK NIGHTS

A full range of work lights are fitted to all models as standard. These can be angled to suit the application, offering a broad spread of light, turning night into day. They are easily controlled from a dedicated switch panel in the cab, and HID, high intensity lights, are offered as an option.

### ARE YOU SITTING COMFORTABLY?

Comfort is further guaranteed thanks to a vast range of seat options, from comfort suspension right through to optional semi-active seats (Elite series only) that correct ground undulations for the smoothest ride. For operators who spend extended hours in the tractor, the enhanced comfort provided by the optional heated Auto Comfort™ seat is worth considering. Fitted with a large air reservoir to further reduce whole body vibration, the Auto Comfort™ seat builds upon the in-built comfort of T6000 tractors for an even smoother ride.





**MAXIMUM VISIBILITY**

The high visibility roof panel comes as standard. This means you can still see your load at maximum extension, guaranteeing inch-perfect operation.

**HEADLAND TURN SEQUENCING: HASSLE FREE REPEATABILITY**

Only available on Elite models with electro hydraulic remotes, this intuitive system means you can easily record and store 28 sequenced operations at the headland. These can then be played back at the touch of a button. Simple, and a great way to improve repeatability and efficiency, and to reduce fatigue when working over extended periods.

## TRANSMISSION GEARED FOR YOU

New Holland knows that every farm has different requirements, and that intelligent innovation also means offering tried and tested solutions to improve efficiency. The semi-power shift Electro Command™ transmission offers clutchless gear changes to reduce fatigue, and gear shifting is taken care of for you with the addition of the optional Active Electro Command™. New Holland offers you the most comprehensive transmission choice.

### ELECTRO COMMAND™ TRANSMISSION

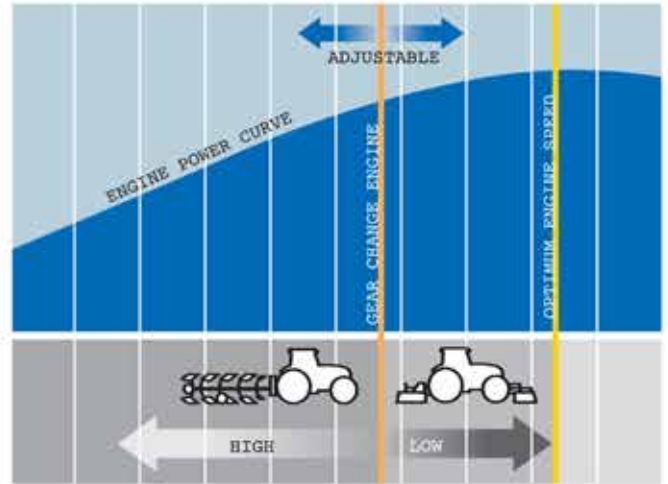
Standard on all models, this semi-powershift transmission allows you to select eight gear speeds via up and downshift buttons on the control lever. The third button activates the range change. You can see the current gear at a glance on the large display. The IntelliShift™ system, fitted as standard, improves the quality of the gear shift and monitors transmission load, speed and transmission oil temperature, to give you slick gear changes to improve your comfort and productivity.





### ELECTRO COMMAND™ ECO 40 KPH OR DIRECT DRIVE 50 KPH

On Elite models, the Electro Command™ transmission is specified with an additional 17th forward gear ratio. Directly driven from the engine, bypassing the main gear box, this highly efficient gear allows either 40kph at reduced engine speeds, or a 50kph transport speed, giving you a significant fuel saving. Tractors specified with 50kph are fitted with Terraglide™ front axle suspension and integrated front wheel hub brakes as standard.



### ACTIVE ELECTRO COMMAND™ FEATURE: AUTOMATION, COMFORT AND PRODUCTIVITY

Easy to set up and brilliantly effective, Auto Transport and Auto Field modes can really reduce the effort required to operate a T6000 tractor over a long working day. With Auto Transport, the tractor will seamlessly shift ratios like an automatic car. It will even sense if the tractor is being pushed by a loaded trailer while descending a hill. If it does, it holds the current gear to provide engine braking. Auto Field mode allows the operator to dictate how much rpm fall there should be before an autoshift is made. Set it to a low level to maintain an even engine speed while carrying out PTO work, or a higher level to utilise the torque reserves when ploughing.

### EFFORTLESS DIRECTION CHANGES

The powershuttle can be programmed to automatically memorise your last forward and reverse gear, when used with Electro Command™ transmissions. The benefit:



## QUICKER TURNS. IMPROVED TRACTION. GREATER PERFORMANCE.

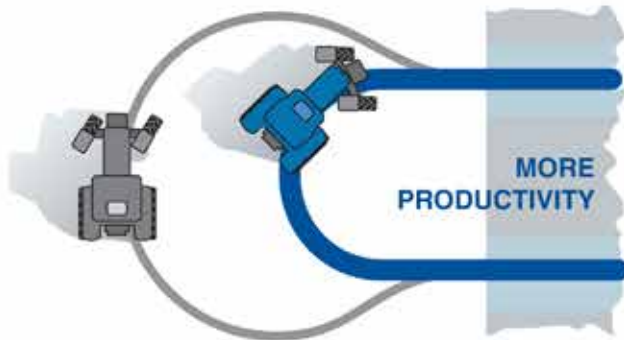
New Holland's range of axles is engineered to perfectly match your requirements. All T6000 tractors can be specified with structurally light but strong front axles to fully exploit a front loader or linkage, or to allow the front to be fully ballasted to optimise traction.





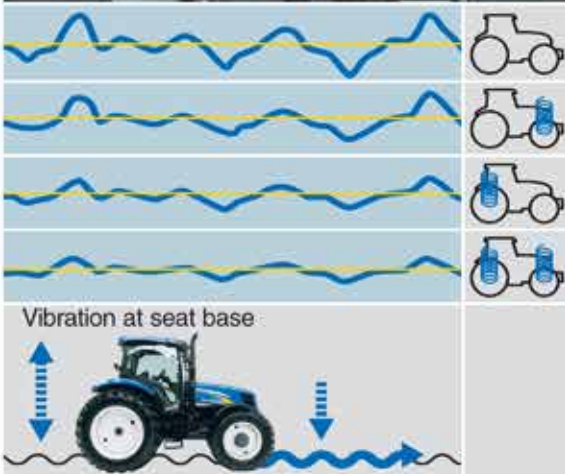
### TERRALOCK™: AUTOMATIC TRACTION MANAGEMENT

Elite models feature New Holland's renowned Terralock solution. This system is simple to set-up and operate. It automatically manages the engagement of drive to the front axle, locking both the front and rear differentials. Forward speed and steering angle information dictate when the differential locks and, if required, four wheel drive disengages. Why? To guarantee the tightest turning circles and to reduce strain on the driveline.



### EFFICIENT TURNING FOR BOOSTED PRODUCTIVITY

New Holland leads the field in turning performance. Want tight turns? Then choose the SuperSteer™ front axle, which offers a maximum turning angle of 65° to give you row crop agility, by reducing the time it takes to complete headlands turns, so improving your productivity. Coupled with the FastSteer™ system (optional), you have the ultimate turning combination. Full lock-to-lock turns are quicker and require less effort, for ultimate manoeuvrability. Simply hold down the FastSteer™ steering rim, and by turning the wheels just a few degrees, you'll have full direction control. Simple, effortless: the New Holland way.



### TERRAGLIDE™, YOUR COMFORT AND STABILITY PARTNER

For maximum comfort at high transport speeds, choose the Terraglide™ front axle suspension system. How does it work? It cushions the operator from shocks when travelling over uneven surfaces. In the field the advanced suspension system maintains contact between the tyre and the ground to improve traction. It also features anti-dive and anti-squat logic which prevents excessive suspension movement when lifting heavy three point linkage implements. The optional integrated Comfort Ride™ cab suspension (standard on T6050 and T6070 Elite) provides up to a 25% reduction in shock loads reaching the operator. The result? Less fatigue over long working days, as whole body vibrations are reduced significantly.

# HYDRAULIC PERFORMANCE TO MEET YOUR DEMANDS

## HYDRAULIC POWER AND PTO FLEXIBILITY

The T6000 range offers both traditional fixed displacement, and closed centre load sensing (CCLS) hydraulic systems. Fixed displacement is standard on Plus models as standard, and offers a maximum flow of up to 80Lpm. On Elite models, New Holland's CCLS system provides up to 113Lpm of hydraulic performance to power even the most demanding implements. Regardless of how hard the tractor is working, the steering will always remain light and easy to use, as it is powered by a separate 40Lpm pump. If that wasn't enough, New Holland has engineered the CCLS system to always operate at peak efficiency. The benefit? Full hydraulic power is always available at the remote valves and lift linkage, but only as much as is needed. The result? Reduced fuel consumption.



## MECHANICAL REMOTE VALVES

Plus and Elite models can be specified with up to four remotes, and feature flow control so you can fine tune the hydraulic performance to suit the task in hand.



## ELECTROHYDRAULIC REMOTE VALVES

Available on Elite models, this option means you can regulate the hydraulic flow from the comfort of the cab. What is more, you can record a given operation cycle, and then repeat it as required. Tasks such as turning a plough can be completed by simply pushing a lever. This feature can be used on its own, or programmed into the Headland Turn Sequencing. New Holland: always giving you a choice.





**MID MOUNT REMOTE VALVES**  
The T6000 range can be specified with up to two mechanical mid-mount remote valves to operate the front linkage or a loader. They are controlled via an ergonomic, fully integrated joystick in the cab.

#### ELECTRONIC DRAFT CONTROL

A single raise/lower switch makes it simple to lift and return an implement to work during a headland turn. How? New Holland's ergonomic mouse is positioned on your right hand side, just where you need it, giving you ultimate precision. To fine-tune the system you can use the intuitive controls that are found underneath the armrest, right where you expect them to be. An additional advantage is the integral dynamic ride control shock load protection system. This will reduce bounce when travelling with a heavy linkage load at transport speeds.



#### AUTOMATIC AND ELECTRONIC PTO

PTO engagement comes courtesy of a single push/pull switch with automatic soft start engagement, this adjusts according to the load to ensure the smooth uptake of power to prevent damage when using high inertia implements, including balers.

For the ultimate ease of operation, the optional automatic PTO can be set to automatically engage and disengage PTO drive. No need to worry about getting your timing wrong and damaging your implement, as it uses the position of the rear linkage to manage the engagement of PTO drive. External PTO controls are available as standard.



#### STRONG, EFFICIENT AND POWERFUL

Measured at the ball ends, the Cat. 3 rear linkage has a continuous lift capacity of up to 7864kg. Put simply, this means that T6000 tractors can raise a load that is greater than their own standard weight.



## NEW HOLLAND OFFERS SO MUCH MORE

### THE PERFECT FIT: FRONT LINKAGE AND PTO

New Holland's T6000 range is designed to incorporate a fully integrated, factory fitted, front linkage and PTO. All linkage and PTO controls are positioned inside the cab for ease of operation. Purpose developed for T6000 tractors, the linkage will lift up to 3090kg. Linkage arms can be folded when not in use, or can be used to carry the new mono block front weight pack.



### GUIDANCE: YOUR PRECISION FARMING SOLUTION

The EZ-Guide<sup>®</sup> 250 system is your answer to precision farming. Fitted with an enhanced high definition, easy to read LCD monitor, the EZ-Guide<sup>®</sup> 250 can also use an additional GPS receiver to make operations even easier thanks to a highly accurate digital correction signal. The system is easy to set up and operate, and you can quickly transfer data to your PC thanks to a USB flash drive port. EZ-Steer<sup>®</sup> 500 can be connected to the EZ-Guide<sup>®</sup> 250 system for the added benefit of hands free steering control. The system uses a removable steering controller that can be transferred between vehicles for maximum flexibility. Simple, cost effective and versatile, EZ-Steer<sup>®</sup> 500 guarantees tracking accuracy, even on undulating terrain.





# 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 based courses. This advanced approach ensures your dealer will always have access to the skills needed to look after the latest and most advanced New Holland products.

## FINANCE TAILORED TO YOUR BUSINESS

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



## DEALER INSTALLED ACCESSORIES

New Holland offers a full range of approved accessories to optimise your machine's performance in all conditions. This comprehensive range can be supplied and fitted by your local authorised dealer.



MODELS	T 6020		T 6050		T 6070	
	Plus	Elite	Plus	Elite	Plus	Elite
Version						
PTO						
Auto Soft Start	●	●	●	●	●	●
Engine speed at:						
540/1000rpm (rpm)						
540/540E/1000rpm (rpm)	○	○	○	○	○	○
Auto PTO management	○	○	○	○	○	○
Front PTO (1000rpm)	○	○	○	○	○	○
Brakes						
Hydraulic trailer brakes	○	○	○	○	○	○
Optional pneumatic tractor brakes	○	○	○	○	○	○
Cab						
360° Horizon™ cab with FOPS	●	●	●	●	●	●
Low profile roof	●	-	●	-	●	-
High visibility roof panel	●	●	●	●	●	●
HID lighting pack	○	○	○	○	○	○
Standard air suspension seat with seat belt	●	●	●	●	●	●
Deluxe air suspension seat with seat belt	○	○	○	○	○	○
Auto Comfort™ seat with seat belt	-	○	-	○	-	○
Instructors seat with seat belt	○	○	○	○	○	○
Air conditioning	●	●	●	●	●	●
Automatic climate control	-	○	-	○	-	○
Air recirculation filters	●	●	●	●	●	●
MP3 radio	●	●	●	●	●	●
Telescopic shatterproof mirrors	○	○	○	○	○	○
Comfort Ride™ cab suspension	○	○	○	○	○	○
Headland Turn Sequence	-	○	-	○	-	○
Fender mounted external PTO & linkage controls	●	●	●	●	●	●
Performance monitor with enhanced key pad and ISO 11786 connector	○	○	○	○	○	○
Cab monitor mounting bracket	○	○	○	○	○	○
Optimum cab noise level 77/311EEC	72	71	73	73	74	74
Factory fit rotating beacons (1 / 2)	○	○	○	○	○	○
Weights						
Minimum unballasted / shipping weights						
Standard 4WD front axle (kg)	4620	4620	4740	4750	4750	4750
Terraglide™ suspended front axle (kg)	5070	5100	5190	5230	5200	5230
SuperSteer™ front axle (kg)	5090	5120	5210	5250	5220	5250
Max. permissible weight 2WD / 4WD (kg)	8100 / 9000	- / 9000	8100 / 9000	- / 9000	8100 / 9000	- / 9000

● Standard ○ Optional - Not available \*Developed by FPT - Fiat Powertrain Technologies \*\*Conditions apply \*\*\* Only available on Elite models

Dimensions	16.9938	18.4838	520/29638	600/55538	650/5938
With rear tyre size****	5122	5122	5122	5122	5122
A Overall length inc. weight pack and rear linkage (all axle types)	(mm)	(mm)	(mm)	(mm)	(mm)
B Minimum width	2280	2280	2280	2280	2314
C Height at centre of rear axle to top of low profile cab	1980	1980	1980	1980	1980
C Height at centre of rear axle to top of standard cab	2100	2100	2100	2100	2100
C Height at centre of rear axle to top of Comfort Ride™ suspension cab	2165	2165	2165	2165	2165
D Overall height of low profile cab	2780	2805	2805	2805	2855
D Overall height of standard cab	2900	2925	2925	2925	2975
D Overall height of Comfort Ride™ suspension cab	2965	2990	2990	2990	3040
E Wheelbase					
Standard 4WD axle (4 cyl / 6 cyl models)	2387 / 2627	2387 / 2627	2387 / 2627	2387 / 2627	2387 / 2627
Terraglide™ suspensio axle (4 cyl / 6 cyl models)	2439 / 2679	2439 / 2679	2439 / 2679	2439 / 2679	2439 / 2679
SuperSteer™ axle (4 cyl / 6 cyl models)	2533 / 2775	2533 / 2775	2533 / 2775	2533 / 2775	2533 / 2775
F Track width (min. / max.)	1469 - 2134	1530 - 2134	1634 - 2134	1634 - 2134	1664 - 2134
G Ground clearance	427	478	478	478	528



# New Holland Top Service: Customer Support and Customer Information



## Top Availability

If you need information, please contact your local New Holland dealer.



## 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!

AT YOUR OWN DEALER



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



The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications. Bts Adv. - Printed in New Zealand 05/17 - 900024/NZ