

NEW HOLLAND T6000 PLUS

T6010 Plus | T6020 Plus | T6030 Plus | T6050 Plus | T6070 Plus



Plus 

NEW HOLLAND T6000 PLUS: A SPECIFICATION THAT IS RIGHT FOR YOUR BUSINESS.

New Holland T6000 Plus tractors have been specially developed to meet the demands of forward thinking livestock farmers and arable customers. The entry level specification is aimed at meeting the majority of customer needs. It includes a 40kph 24x24 Dual Command™ transmission with Powershuttle, a powerful closed centre hydraulic system with a choice of capacities and an air conditioned Horizon cab.

The Plus specification can be further enhanced to include 16x16 Electro Command™ semi-powershift transmission, a choice of 40 or 50kph transport speeds, Terraglide™ front axles and Comfort Ride™ cab suspension and pneumatic trailer braking.

T6000 Plus models are powered by two-valve, mechanical injection power units.

The five model T6000 Plus range covers 101 to 141hp(CV), with a choice of four and six-cylinder power.



Style with substance

A modern tractor has to meet a wide range of demands. Compact and manoeuvrable, T6000 tractors combine excellent power to weight ratios for outstanding performance in the yard, on the road and in the field. No other tractor in their class offers so much. What really sets these tractors apart is the attention to design detail.

The layout of the controls, the brilliant all-round visibility and easily adjusted seating add up to class leading operator comfort.

LIVESTOCK, ARABLE OR CONTRACTOR, THE T6000 JUST FOR YOU.



T6000 Delta. Advanced but affordable

New Holland T6000 Delta models have an entry level specification tailored to the needs of livestock farmers. Sharing the same two-valve power units as the Plus models, the four-model Delta range spans 101 to 126hp(CV). Standard specification includes a 12x12 Synchro Plus transmission, low profile cab and open centre hydraulics with a fixed capacity hydraulic gear pump. A choice of three New Holland FL loaders can easily and quickly be fitted.

T6000 Elite. The specification for the arable farmer, contractor and owner operator

T6000 Elite tractors have a high entry level specification. This includes four-valve power units with electronic fuel injection and closed centre load sensing hydraulics. Electro Command™ 16x16 transmission is standard, with Active auto shifting included. Designed to operate in conjunction with the engine fuel management system, Active Electro Command transmission can be specified with a choice of 40 or 50kph transport speeds.

YEAR ROUND VISIBILITY, YEAR ROUND PRODUCTIVITY.

Whatever the task, good visibility makes it easier. The Horizon™ cabs fitted to New Holland T6000 Plus tractors offer the operator the best possible vision for field or yard work. A standard or low profile cab can be specified. Both share the same basic structure and are equally wide, quiet and comfortable. A full size passenger seat is available. Exceptional ventilation, with binnacle mounted vents as standard, are part of the T6000 Plus package. Air conditioning is standard, ideal for keeping the screen clear in winter and the operator cool in summer. Further refinements include the availability of self-cancelling direction indicators that are ideal for transport duties.



Only a New Holland Horizon™ cab gives you a view this good

All Series T6000 tractors are designed to operate with the New Holland FL loader range. The cab on all models incorporates a high visibility roof panel. When working with a loader, the operator is able to see a load as it is raised to its full lift height. This is combined with good all round visibility for optimum productivity and safety.



Fully glazed acoustic profile doors

Curved to deflect sound away from the cab interior and provide exceptional strength, the fully glazed doors hinge at the rear of the cab. This four-pillar design gives an uninterrupted view to the sides. Opening wide for obstruction free cab access, the doors have conveniently located grab handles to make it a simple task to close them when seated.



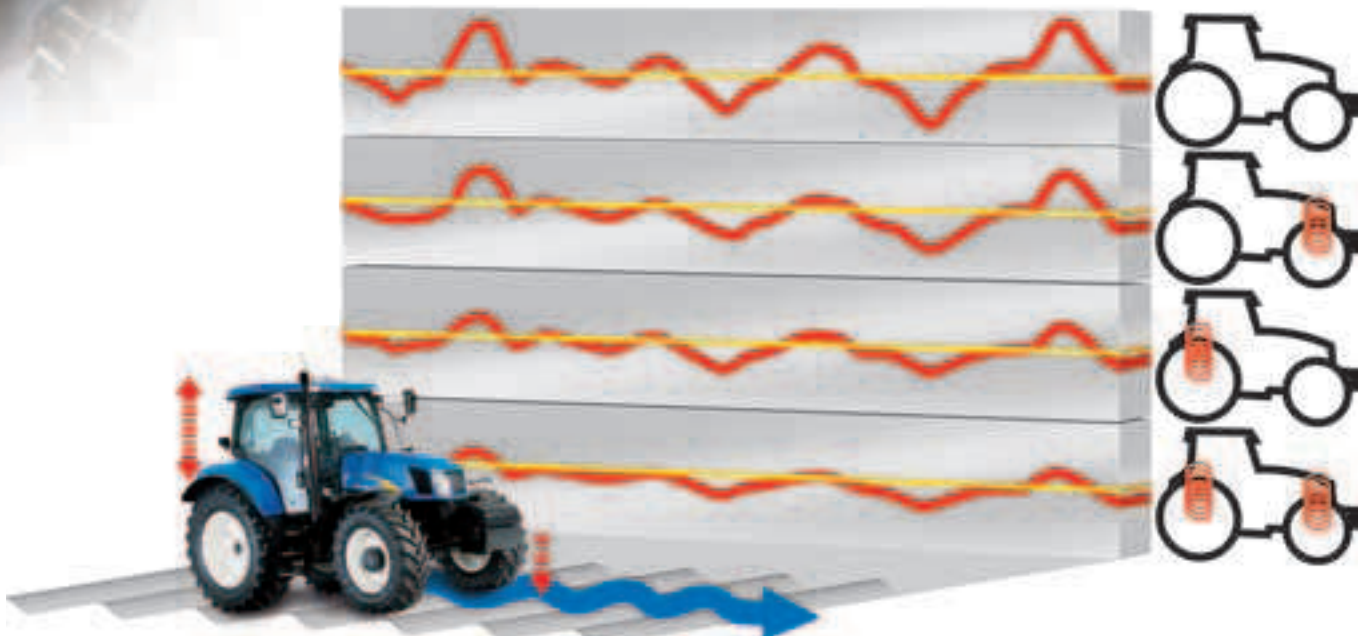
Design detail for whole product satisfaction

It is the small details that help demonstrate the depth of thought that has gone into the design of the Horizon cab. As an example, the work lights on Plus models are all controlled from a simple touch pad. Carefully positioned, the roof, side and fender mounted work lights adjust to suit the task in hand.

For ultimate comfort

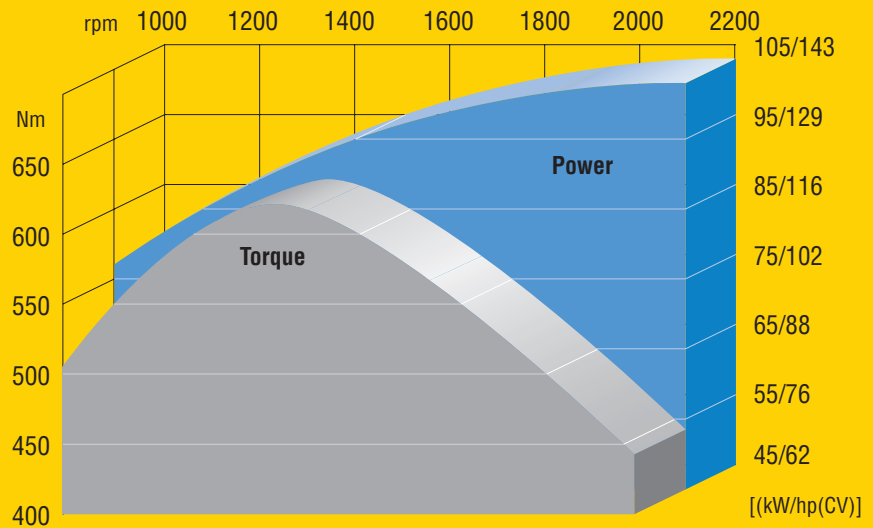
To further enhance the exceptionally high comfort levels of Series T6000 Plus tractors, New Holland offers Terraglide™ front axle suspension and Comfort Ride™ cab suspension. Available individually or together, these suspension systems are an integral part of the tractors original design. Terraglide, with the addition of front wheel hub brakes and air brakes, is standard on all models specified with a 50kph transmission. Comfort Ride and Terraglide combined for best in class comfort.

Acceleration m/s² at seat base



SMOOTH, CLEAN AND ECONOMICAL POWER.

T6000 Plus tractors are offered with a choice of advanced two-valve four and six-cylinder engines. To reduce noise levels, the timing gears are mounted inside a cast casing with the heavy-duty structural sump reducing vibration resonance. This makes the engines extremely quiet and smooth running. They are fuel efficient too, with mechanical fuel injection suiting varied engine speed applications, such as yard and transport work, as well as providing excellent performance in duties as wide ranging as mowing and baling through to cultivation and drilling. One word says it all. Outstanding.



Tailored to match general use

All T6000 Plus models are powered by two-valve per cylinder engines with mechanical fuel injection. Developed to operate effectively at low operating speeds, such as in loader and yard work, these engines also deliver excellent in-field performance for brilliant all-round versatility.



Reduced whole life operating costs

Service intervals on T6000 tractors are set at 600 hour intervals. This reduces downtime and operating costs. Of equal importance, the use of high performance non-synthetic engine oil and fuel filters helps protect the engine from the moment it is started.

Ready for work in every environment

The two-valve T6000 Plus power units are designed to reach their operating temperature quickly. This reduces engine wear in stop-start applications. Advanced cooling retains an even operating temperature, helping ensure optimum efficiency is maintained throughout the year. Hot or cold, T6000 power units deliver outstanding performance.

T6000 - the clean energy leader

All T6000 tractors are factory approved to run on 20% B20 Biodiesel fuels. By fitting the Biodiesel engine kit and following a specific maintenance programme, the T6000 Plus version can also be run on 100% B100 Biodiesel fuels. New Holland was the first agricultural manufacturer to fully endorse the use of biodiesel in its power units. This follows extensive testing, which encompassed all aspects of engine performance including fuel efficiency, fuel pump and engine wear, cold temperature starting performance and effect upon service intervals. Contact your dealer for further details.

A SMOOTH SHIFT TO HIGHER PRODUCTIVITY.

As a tractor specialist, New Holland recognises the need to offer transmission types to suit many applications. T6000 Plus tractors are offered with two packages, Dual Command™ transmission, 24x24 with Powershuttle and Electro Command™ transmission also with Powershuttle. In addition, both can be specified with creep speeds, doubling the speeds to 48x48 and 32x32 respectively.

Also, Electro Command™ transmission can be specified as a 17x16 speed to provide a 50kph transport speed. (Market conditions apply)



Dual Command™ Transmission

Dual Command™ transmission with 24x24 speeds (48x48 with creep speeds), benefits from a clutchless gear splitter that allows the operator to reduce the selected speed by 18% and increase torque at the wheels by 22%. The clutchless Powershuttle provides a modulated change between forward and reverse, with matched speeds.



Electro Command™ and Active Electro Command Transmissions

Electro Command™ transmission with Powershuttle is a semi-powershift transmission. The operator can select eight speeds via up and down shift buttons on the control lever. A third button selects the range change. This enables the operator to select up to eight speeds without using the clutch. A large display clearly shows the gear selected.

The Powershuttle on Electro Command™ transmissions can be operated in a “memory” mode. For convenience, the transmission will automatically remember and use the last forward and last reverse gear selected.

IntelliShift™ transmission management determines the speed at which the transmission clutch packs engage and release. Under heavy load, faster shifts are made. Under light load, the clutch packs are modulated to provide a smoother shift.

SUPERIOR PERFORMANCE. LIFT MORE, POWER MORE, DO MORE.

T6000 Plus. The definition of modern versatility

When designing the cab for T6000 Plus tractors, New Holland placed great importance on getting the control layout just right. Unlike some cab designs, this operator focus applies to all specification and cab variants. Controls are all user friendly and “hands on”. You do not have to use any complicated screens to make adjustments. If you want to adjust your rear linkage settings just turn the clearly marked dials, control kept simple.



Electro-hydraulic PTO

A dedicated multi-plate wet clutch pack engages drive to the PTO. An automatic soft start system modulates the PTO clutch pack engagement according to the load, ensuring a smooth uptake of power. T6000 Plus models have 540-540E-1000 PTO speeds as standard.

Auto PTO linked

to raise and lower switch

Auto PTO can be set to operate with the electronic draft control raise/lower switches. Drive can be disengaged when an implement is raised and then re-engaged on lowering. The engagement and re-engagement points can be changed to suit different implements. External PTO controls are also standard.



Hydraulic muscle and PTO flexibility

T6000 Plus models with an Electro Command™ transmission can be specified with closed centre hydraulics (CCLS). At the heart of the system is a load sensing, variable displacement piston pump. This delivers enough oil for any task but does away with the power losses associated with a traditional system. Up to 113l/min can be produced, with 95l/min available at a single remote valve.

Tractors specified with Dual Command™ transmissions are equipped with an 80l/min fixed displacement hydraulic pump. All models benefit from a dedicated 40l/min steering pump. Regardless of engine speed or hydraulic load, full power to the steering circuit is maintained.

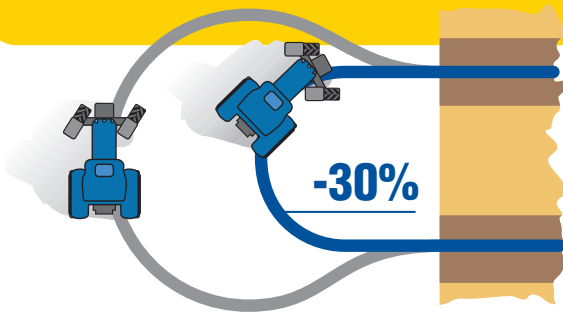
Configurable remote valves

T6000 Plus tractors are available with four rear and two mid-mount (loader ready) remote valves. All remote valves have flow controls and selected valves can be individually configured to suit the application. For example; set to constant pump, set to operate with no detents and set to a motor mode. Such features are usually only obtained with higher cost electronic valves.



T6000 - THE LEADER IN MANOEUVRABILITY AND TRACTION.

Three driven front axle designs are offered on T6000 tractors; standard, SuperSteer™ and Terraglide™. The standard axle has a 55 degree turn angle. This offers a turn radius as low as 4.04m without brakes. Terraglide™ axles offer the same tight turn radius with the benefit of suspension. For maximum manoeuvrability, SuperSteer™ axles reduce the turn radius to 3.76m. This is ideal for rowcrop work. Front axle brakes are available on standard and Terraglide™ axles.



Tight turns are just part of the story. SuperSteer™ front axles

The unique New Holland SuperSteer™ front axle dramatically reduces the turn radius of the tractor. The front axle beam turns with the wheels to give an effective turn angle of 65 degrees. The tractor turns tighter and faster so you spend less time turning and more time working. The SuperSteer™ front axle also increases the wheelbase, with the weight of the front ballast resting directly on the front axle beam. Traction is enhanced in certain conditions without the need for extra ballast.

Fast Steer™ system does exactly what it says

Perfect for fast headland turns or loading in a confined area, the unique New Holland Fast Steer™ system is available on all Series T6000 Plus tractors. This system enables the operator to make a full lock to lock turn with minimal steering effort. This is achieved by simply pressing the inner Fast Steer rim. Automatically deactivated at speeds above 10kph, the Fast Steer™ system dramatically reduces the time it takes to manoeuvre the tractor, reducing fatigue and boosting productivity.



Terraglide™ suspension for stability and traction

Offering improved stability, the Terraglide™ front axle suspension system is well proven. In the field, the suspended axle helps ensure that the front wheels retain close contact to the ground for stability and traction, particularly in applications such as high speed cultivation, top dressing and spraying.

Terralock™ traction management

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



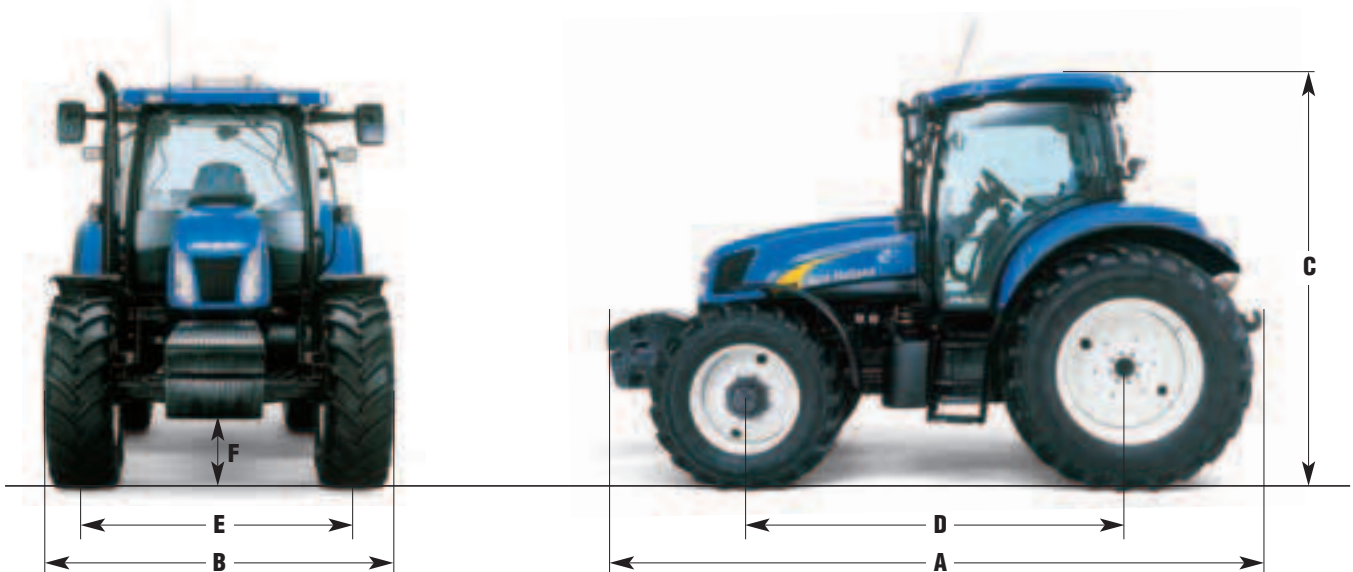
Specifications	T6010 Plus	T6020 Plus	T6030 Plus	T6050 Plus	T6070 Plus
New Holland engine*					
No. of cylinders / Aspiration / Valves / Emmission level	4 / T / 2v / Tier II	4 / TI / 2v / Tier III	6 / TI / 2v / Tier III	6 / TI / 2v / Tier III	6 / TI / 2v / Tier III
Capacity (cm ³)	4485	4485	6728	6728	6728
Bore and stroke (mm)	104x132	104x132	104x132	104x132	104x132
Rated Power - ISO 14396 - ECE R120 [kW/hp(CV)]	74/101	82/112	86/117	93/126	104/141
Max. Power - ISO 14396 - ECE R120 [kW/hp(CV)]	74/101	82/112	86/117	93/126	104/141
Rated engine speed (rpm)	2200	2200	2200	2200	2200
Max. Torque ISO 14396 - ECE R120 at 1400rpm (Nm)	400	455	516	560	625
Torque rise (%)	24	27	38	39	39
Fuel tank capacity / SuperSteer™ front axle (litres)	176 / 152	176 / 152	250 / 230	250 / 230	250 / 230
Service interval (hours)	600	600	600	600	600
Dual Command™ 40kph					
Number of gears / with creeper (F / R)	24x24 / 48x48	24x24 / 48x48	24x24 / 48x48	24x24 / 48x48	–
Speed range / with creeper (kph)	1.64-40 / 0.163-40	1.64-40 / 0.163-40	1.64-40 / 0.163-40	1.64-40 / 0.163-40	–
Electro Command™ 40 / 40E / 50kph					
Number of gears / with creeper (F / R)	16x16 / 32x32	16x16 / 32x32	16x16 / 32x32	16x16 / 32x32	16x16 / 32x32
Speed range / with creeper (kph)	2.27-40 / 0.225-40	2.27-40 / 0.225-40	2.27-40 / 0.225-40	2.27-40 / 0.225-40	2.27-40 / 0.225-40
17x16 Electro Command™ (50kph Direct drive)	–	–	–	○	○
Active Electro Command™ (Auto features)	○	○	○	○	○
Axles					
4WD front axle	●	●	●	●	●
Terraglide™ Front axle suspension	–	○	○	○	○
SuperSteer™ Front axle	○	○	○	○	○
Hydraulics					
Fixed Displacement	●	●	●	●	●
Main pump flow / Pump pressure (Lpm / Bar)	80 / 190	80 / 190	80 / 190	80 / 190	80 / 190
CCLS Closed Centre Load sensing	○	○	○	○	○
Main pump flow / Pump pressure (Lpm / Bar)	113 / 210	113 / 210	113 / 210	113 / 210	113 / 210
Remote Valves					
Deluxe / configurable	●	●	●	●	●
Maximum number of rear valves	4	4	4	4	4
Joystick control and 2 mid-mount valves	○	○	○	○	○
Linkage					
Max. lift capacity at ball ends with links horizontal (kg)	7864	7864	7864	7864	7864
Continuous lift capacity through the range (610mm behind ball ends) (kg)	5284	5284	5284	5284	5284
Front linkage lift capacity at ball ends (kg)	3700	3700	3700	3700	3700
PTO					
Engine speed at:					
540 / 540E / 1000rpm (rpm)	1969 / 1546 / 2120	1969 / 1546 / 2120	1969 / 1546 / 2120	1969 / 1546 / 2120	1969 / 1546 / 2120
Auto operation / External activation	● / ●	● / ●	● / ●	● / ●	● / ●
Front PTO / Engines speed (rpm)	1000 / 2120	1000 / 2120	1000 / 2120	1000 / 2120	1000 / 2120
Cab					
High top cab with opening visibility panel	●	●	●	●	●
Air suspension seat	●	●	●	●	●
Air conditioning	●	●	●	●	●
Air recirculation filters	●	●	●	●	●
Optimum cab noise level EC 77/311	70	70	73	73	73

Specifications	T6010 Plus	T6020 Plus	T6030 Plus	T6050 Plus	T6070 Plus
Turn radius at narrowest track setting					
Optimum turn radius Standard and Terraglide™ front axle (mm)	4040	4040	4355	4355	4355
Optimum turn radius SuperSteer™ front axle (mm)	3755	3755	4145	4145	4145
Front axle turn angle Std. and Terraglide™ front axle (°)	55	55	55	55	55
Front axle turn angle SuperSteer™ front axle (°)	65	65	65	65	65
Dimensions** with cab					
A Overall length inc. weight pack and rear linkage (all axle types) (mm)	4292	4292	4532	4532	4532
B Minimum width (mm)	1873	1873	1913	1913	1913
C Overall height (mm)	2726	2726	2770	2770	2770
F Ground clearance (mm)	427	427	478	478	478
D Wheelbase					
Standard front axle (mm)	2412	2412	2652	2652	2652
Terraglide™ suspended front axle (mm)	2421	2421	2421	2421	2421
SuperSteer™ front axle (mm)	2520	2520	2520	2520	2520
E Track width					
Front minimum (mm)	1407	1407	1407	1407	1407
Front maximum (mm)	2108	2108	2108	2108	2108
Rear min / max. (all axle types) (mm)	2030	2030	2030	2030	2030
Weights cab 4WD					
Minimum unballasted weights					
Standard front axle (kg)	4740	4760	5030	5030	5030
Terraglide™ suspended front axle (kg)	5040	5060	5330	5330	5330
SuperSteer™ front axle (kg)	5020	5040	5310	5310	5310
Max. permissible weight (kg)	9000	9000	9000	9000	9000

National restrictions apply.

* Developed by CNH Engine Corporation ** Dimensions assume rear tyres: 16.9 R38 tyres on four-cylinder models; 18.4 R38 tyres on six-cylinder models.

● Standard ○ Optional at extra cost – Not available



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AT YOUR OWN DEALER

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