



**NEW HOLLAND**

AGRICULTURE

# NEW HOLLAND T6000 DELTA

T6010 Delta | T6020 Delta | T6030 Delta | T6050 Delta



 **Delta**

## T6000 DELTA. THE PERFECT BLEND OF THE MODERN AND THE AFFORDABLE.



New Holland 101 to 126hp(CV) T6000 Delta tractors are specified to meet the demands of livestock and mixed farming operations. Sharing the modern and stylish design of the T6000 Plus and T6000 Elite models, the Delta range is offered with an engine, transmission and hydraulic package ideally suited to livestock users, with brilliant economy and visibility for yard work matched with all the comfort and power for tasks that can include mowing, top dressing and baling. All Delta tractors are powered by advanced two-valve engines with mechanical fuel injection. These quiet and frugal power units are designed to reach their operating temperatures quickly. This is important on a tractor expected to carry out stop and start work in winter. The fixed displacement hydraulic system features a separate 40l/min steering circuit. Regardless of the demand for hydraulic power, the steering will retain its ease of operation. Proven New Holland Flexion Bar™ mechanical draft control with Lift-O-Matic™ is standard. Three rear and two mid-mount remote valves are available. A joystick, which is compatible with New Holland FL and other loaders, can be specified. All Delta models are offered with a transmission choice to suit specific needs. The entry level 12x12 Synchro Command™ transmission has a speed matched mechanical shuttle. Dual Command™ transmission features a clutchless gear splitter and provides 24x24 speeds. This transmission is fitted with a forward reverse Powershuttle, making it ideal for both work in the yard and the field. The advanced Electro Command™ 16x16 semi-powershift transmission is also available. This enables the operator to shift between eight speeds without using the clutch.

New Holland T6000 Delta. Modern design, established values.



**T6000 Plus - For customers who demand more as standard**

New Holland T6000 Plus models offer a higher entry level specification than Delta models. As an example, Dual Command™ 24x24 is the standard transmission and cab air conditioning come as part of the base specification. Comfort Ride™ cab suspension and Terraglide™ front axle suspension can be specified. T6000 Plus. The right specification for general and mixed farming applications.



**T6000 Elite - Optimised for intensive field operations**

Elite tractors are powered by four-valve, common rail engines with electronic draft control, Comfort Ride™ cab suspension, deluxe seat and additional work lights as part of the entry level package. An Active Electro Command™ 16x16 semi-powershift transmission is the standard transmission, together with closed centre load sensing hydraulics and a choice of 40kph, 40kph Economy or 50kph transport speeds. T6000 Elite. Optimised for the contractor, owner operator and large scale growers and producers.



**Great looks add value**

New Holland styling offers more than great looks. The curved engine hood of T6000 tractors is slim for excellent forward visibility. The curvaceous fenders are easy to hose clean. The fully glazed Horizon™ cab has curved glazing to deflect sound away from the operator. The styled headlamps provide a broad spread of illumination.

# BRILLIANT ERGONOMICS FOR DAY LONG PRODUCTIVITY.

Whatever the task, good visibility makes the job easier. The Horizon™ cabs fitted to New Holland T6000 tractors offer the operator the best possible vision for field or yard work. The fully glazed doors provide a clear view to the sides, making it easier to work in tight spaces. They also open wide to provide easy access, even for operators wearing bulky winter clothing. This practicality is matched by low in-cab sound levels and exceptional ventilation. T6000 Delta. First class accommodation.



## **Spacious and comfortable**

Operator comfort is a New Holland priority. The Horizon cab is quiet and spacious, providing exceptional levels of comfort. Few tractors combine yard work practicality with a cab that is as comfortable as this for long days in the field.



## **Horizon™ cab for loader work**

All T6000 Delta tractors are specifically designed to operate with the New Holland FL loader range. The cab 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 an added bonus to the brilliant all-round visibility offered by the Horizon™ cab.



### **Low profile roof for greater clearance**

The low profile roof of T6000 Delta models reduces the overall height of the tractor. The lower roof does not compromise the comfort of the Horizon cab but does improve access to more traditional buildings.



### **Simplicity for productivity**

All controls T6000 Delta's cab are logically positioned. Modern ergonomic design helps ensure that hydraulic controls are positioned for easy operation. The PTO control knob could not be any simpler to operate. The instrument panel provides all the information needed. Within minutes, operators new to the T6000 will have established how all the major controls operate.

### **Easy access cab**

The four-pillar cab design not only improves visibility. It provides a wider door opening, making it easier to get in and out of the cab. By combining this advance with wide cab steps, operators needing to access the cab repeatedly during a working day will find a T6000 Delta tractor less tiring to use. No wonder operators love the Horizon cab.

## A PERFECT COMBINATION OF POWER, PERFORMANCE AND TRACTION.



Series T6000 Delta tractors can be powered by a choice of four or six-cylinder engines. Sharing the key engine design elements with T6000 Elite models, Delta tractors are specified with two-valves per cylinder and mechanical fuel injection. This specification is ideally suited to tractors that are not routinely working at full power or constant speeds. Delta transmission choices include entry level 12x12 (24x24 with creep speed option) Synchro Command™ transmission. Fitted with a speed matched mechanical shuttle, it is rugged and easy to operate. Dual Command™ transmission adds a clutchless gear splitter, 24x24 speeds and a forward reverse Powershuttle. It is the ideal choice for work in the yard and field. Advanced Electro Command™ transmission features a 16x16 semi-powershift enabling the operator to shift up to eight speeds without using the clutch. This specification is ideal for operators doing more field or transport work. These tractors are highly manoeuvrable thanks to a 55 degree turn angle, a narrow engine and design and no bulky structural frame. This delivers a turn radius as tight as 4.04m without brakes and excellent traction in adverse conditions.



### **A transmission to suit every need**

A key feature of T6000 Delta tractors is their simplicity. New Holland, however, does recognise the demand for a broad transmission choice, the choice of Synchro Command™, Dual Command™ and Electro Command™ transmissions helps the end user to match their tractor precisely to its main task. Synchro Command™ models feature a mechanical shuttle, Dual Command™ and Electro Command™ versions both have a Powershuttle.



### **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 Delta 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 influence upon service intervals. Contact your dealer for further details.



### **Tailored to match general use**

Two-valve per cylinder engines with mechanical fuel injection are ideal power units for general purpose tractors. Developed to operate effectively at low operating speeds, such as loader and yard work, these engines quickly reach their correct working temperature. They also deliver excellent in-field performance for brilliant all-round versatility.



### **Light and manoeuvrable**

All T6000 Delta tractors have a dedicated steering pump. Supplying a generous 40l/min, this separate circuit helps ensure full steering power is available at all times. No matter how hard the tractor is working, the steering remains light and easy to use. This helps the operator to make fast lock to lock turns achieving a turn radius as tight as 4.04m without brakes.

# SUPERIOR PERFORMANCE IN ALL APPLICATIONS.

New Holland Delta tractors incorporate two hydraulic pumps. A main pump supplies oil to the rear linkage, remote valves and loader valve. A separate pump supplies oil to the steering. The benefit of this design is that the steering circuit does not rob oil from the services. For example when manoeuvring at the same time as operating a loader, the loader cycle times will not be affected unlike as on some competitive tractors.





### **Electro-hydraulic PTO**

A dedicated multi-plate wet clutch pack engages drive to the PTO. An automatic soft start system modulates PTO clutch pack engagement according to the load, helping ensure a smooth uptake of power. All T6000 Delta models are available with 540, 540E and 1000rpm PTO. Ground speed PTO is also available. External PTO controls are standard, ideal for vacuum tank operation.

### **All the couplings you need**

Up to three rear and two mid-mount (loader ready) remote valves can be specified. The mid-mount valves can be operated via an integrated joystick option. This joystick is compatible with New Holland and other front loaders to provide a fully integrated control system.

### **Flexion Bar™ mechanical draft control**

The proven New Holland FlexionBar™ lower link draft sensing system with Lift-O-Matic™ is standard on T6000 Delta models. Lift-O-Matic™ enables the operator to raise and lower the implement to its pre-set positions via a single toggle control.

# ENGINEERED FOR A PERFECT MATCH.

Specifically designed to take advantage of the structural strength of Series TS-A Delta tractors, New Holland FL loaders combine robust build and ease of operation with a rapid coupling and uncoupling system. No matter which model of TS-A Delta is chosen, there is an FL loader to fit.



		100FL	120FL	130FL
Max. lift capacity	(kg)	2532	2310	2652
Max. height	(mm)	3755	4084	4084



### Back out to remove, drive in to fit

Fitting and removing an FL loader is simple. To remove, the operator lowers the loader, drops the integral self-levelling parking stands, releases the bracket catches and then detaches the hydraulics. On firm, even ground, the loader is detached simple by backing the tractor away. Re-fitting the loader is just a reversal of the same procedure. We're talking seconds not minutes.

### Proportional loader joystick control

Fully integrated into the cab, the loader joystick provides full proportional control. Every movement of the joystick is matched by precise movement of the loader and its attachment. This makes it much easier to operate the loader accurately when handling items on a pallet or stacking bales. The same applies when using a bucket or grab. Gaining a full and productive load is always easier with precise controls.

### Purpose designed FL attachments

General purpose, heavy duty and grain handling buckets are available to fit FL loaders, together with muck forks and grabs. Fitting kits, to enable existing attachments to be used with the loader, are also available.

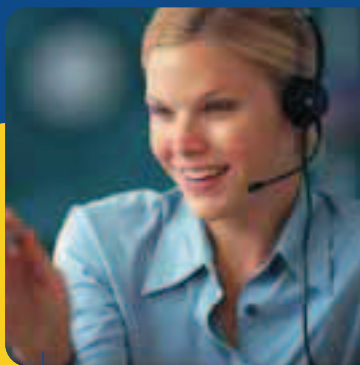
Specifications	T6010 Delta	T6020 Delta	T6030 Delta	T6050 Delta
<b>New Holland Engine*</b>				
Num. of Cylinders / Aspiration / Valves / Emission level	4 / T / 2v / Tier II	4 / TI / 2v / Tier III	6 / TI / 2v / Tier III	6 / TI / 2v / Tier III
Capacity (cm <sup>3</sup> )	4485	4485	6728	6728
Rated power - ISO 14396 - ECE R120 (kW/hp)	74/101	82/112	86/117	93/126
Max. power - ISO 14396 - ECE R120 (kW/hp)	74/101	82/112	86/117	93/126
Rated engine speed (rpm)	2200	2200	2200	2200
Max. torque ISO 14396 - ECE R120 at 1400rpm (Nm)	400	455	516	560
Torque rise (%)	24	27	38	39
Fuel tank capacity (litres)	176	176	250	250
Service interval (hours)	600	600	600	600
<b>Synchro Command™ 40kph</b>				
Number of gears / with creeper (F / R)	12x12 / 24x24	–	12x12 / 24x24	–
Speed range / with creeper (kph)	2.01-40 / 0.200-40	–	2.01-40 / 0.200-40	–
<b>Dual Command™ 40kph</b>				
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
<b>Electro Command™ 40 / 40E / 50kph</b>				
Number of gears / with creeper (F / R)	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
<b>Axles</b>				
2WD front axle	○	–	–	–
4WD front axle	●	●	●	●
<b>Hydraulics</b>				
Fixed displacement	●	●	●	●
Main pump flow / Pump pressure (Lpm / Bar)	63 / 190	63 / 190	63 / 190	63 / 190
Mechanical three- point linkage control	●	●	●	●
Remote valves type	Standard	Standard	Standard	Standard
Max. no. rear valves	3	3	3	3
Joystick control and 2 mid mount valves	○	○	○	○
<b>Linkage</b>				
Max. lift capacity at ball ends with links Horizontal (kg)	6332	6332	6332	6332
Continuous lift capacity through the range (610mm behind ball ends) (kg)	3761	3761	3761	3761
Front linkage lift capacity at ball ends (kg)	3700	3700	3700	3700
<b>PTO</b>				
Engine speed at: 540 / 540E / 1000rpm (rpm)	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
<b>Cab</b>				
Low profile roof	●	●	●	●
Air suspension seat	○	●	○	●
Air conditioning	○	●	○	●
Air recirculation filters	●	●	●	●
Optimum cab noise level EC 77/311	72	72	73	73
<b>Turn radius at narrowest track setting</b>				
Optimum turn radius front axle (mm)	4040	4040	4355	4355
Front axle turn angle (°)	55	55	55	55
<b>Dimensions with cab 2WD / 4WD</b>				
Overall length inc. weight pack and rear linkage (mm)	4050 / 4292	4292	4532	4532
Minimum width (mm)	1873	1873	1913	1913
Overall height (mm)	2726	2726	2770	2770
Wheelbase - Standard front axle (mm)	2370 / 2412	2412	2652	2652
Track width: Front minimum (mm)	1524 / 1407	1407	1407	1407
Front maximum (mm)	2134 / 2108	2108	2108	2108
Rear min. / max. (all axle types) (mm)	1430 / 2030	2030	2030	2030
Ground clearance (mm)	522 / 427	427	478	478
<b>Weights</b>				
Minimum unballasted weight cab 4WD (kg)	4740	4760	5030	5030
Max. permissible weight 2WD / 4WD (kg)	8100 / 9000	9000	9000	9000

National restrictions apply. ● Standard ○ Optional at extra cost

Dimensions assume rear tyres: 16.9 R38 tyres on four-cylinder models; 18.4 R38 Tyres on six-cylinder models. Two-wheel drive versions feature 30kph transmissions.

\* Developed by CNH Engine Corporation.

# Managed in close partnership with New Holland dealers and New Holland Parts and Service Teams, New Holland Top Service is:



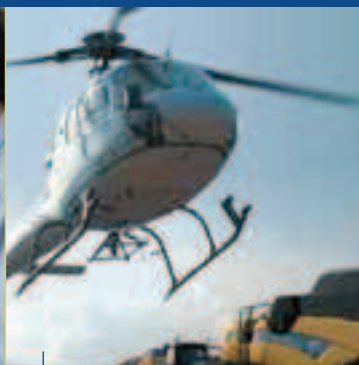
## TOP AVAILABILITY.

We are always there for you: 24/7, all year round! Whatever information you need, whatever your problem or request, all you have to do is call the New Holland Top Service toll free number\*.



## 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!



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AT YOUR OWN DEALER

**ASK FOR A TEST DRIVE!**

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New Holland prefers **AMIRA** lubricants