

# New Holland T6000 Series Tractors 80 to 135 PTO hp



T6010 T6020 T6030 T6040 T6050 T6060 T6070 T6080

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# Class-leading performance and reliability

## Flexible T6000 tractors satisfy the demands of many operations.

New Holland's formula for outstanding T6000 tractor performance involves mixing raw power and superior control with the ultimate in customer flexibility. T6000 tractors are a natural choice for haying operations, heavy loader work, roadside mowing or row crop applications.

### Delta, Plus or Elite Models

Whether you're looking for proven performance in a value package or a tractor that gives you the latest electronic conveniences and push-button simplicity, the NEW T6000 Series tractors are built for you. You choose the model that's configured perfectly for your application.

- Delta configuration models (T6020, T6030, T6050) offer class-leading performance in a base-level configuration for tight budgets.

- Plus configuration models (T6020, T6030, T6050, T6070) raise the bar for on-the-job performance, offering an impressive list of standard features including a semi-powershift transmission, higher-capacity closed-center hydraulic system, and the Horizon cab with added comfort features.

- Elite configuration models (T6020, T6030, T6040, T6050, T6060, T6070 and T6080) deliver top-of-the-

line comfort and performance features including engines with Electronic Power Management, Power Boost (in transport and PTO applications), Custom Headland Management, and Electronic Draft Control.

### Options that pay

A wide selection of transmissions and front axle options allows you to customize a T6000 tractor that will push your productivity over the top. Choose from optional features available on some models, like the sharp-turning SuperSteer™ FWD axle, ultra-smooth Terraglide™ axle, the FastSteer™ steering system, Comfort Ride™ cab suspension or the deluxe cab package.

### Precision and comfort

Superior T6000 tractor performance converges in the high-visibility Horizon™ cab that is standard equipment on Plus and Elite models, and optional on Delta models. It's a command center of comfort and precision like no other.

*Every piece of the job falls into place when you take your seat in the Horizon cab...*



**A - Dedicated left-hand shuttle control** allows you to shift between forward and reverse easily with your right hand free to control the loader or implement. No clutching required.

**B - FastSteer™ Steering System option** allows a full right- or left-hand turn by moving the steering wheel just 10 degrees. It's perfect for use in loader or row crop applications to reduce fatigue and repetitive motions.

**C - Throttle lever** is located close for easy engine speed adjustment.

Models	PTO HP	Operator Station Available		Versions Available		
		Horizon™ Cab	Flat-Deck ROPS	Delta	Plus	Elite
T6020	90	X	X (Delta only)	X	X	X
T6030	95	X	X (Delta only)	X	X	X
T6040	100	X	-	-	-	X
T6050	105	X	X (Delta only)	X	X	X
T6060	110	X	-	-	-	X
T6070	120	X	-	-	X	X
T6080	135	X	-	-	-	X



**D - Conveniently placed controls** come easily to hand. On Elite Power Command™ models, the throttle, transmission and three-point hitch controls all travel with the seat for maximum comfort and control.

**E - Analog and digital instrumentation** and a series of 21 indicators and warning lights keep you informed at a glance.

**F - Electronic draft control** (optional on Plus, standard on Elite models) provides precise hitch control with lower link draft sensing.

**G - Hydraulic remote levers** are color-coded and positioned at an angle to come easily to hand. Electrohydraulic remote valves are available on Plus and Elite models.

**H - Optional full-size, supportive instructor seat** folds down when not in use, providing beverage holders and a handy work area.

**I - Seat-mounted joystick** and mid-mount loader valve are available on all T6000 models for convenient fingertip control. Third-function hydraulics (if so equipped) are controlled using the button on the top of the joystick.

**Deluxe cab option** (available on Elite models) includes added comfort and convenience features like automatic temperature control, electronically adjusted telescoping, heated mirrors, electrohydraulic remotes as standard equipment and the New Holland air suspension seat with heated cushions.

**Comfort Ride™ cab suspension** (optional on Plus and Elite models) is a simple, mechanical system that's effective and *always on*.



# High-visibility command center

Enjoy a spacious work space and natural controls with the T6000 flat deck or Horizon™ cab.



A lot of thought was invested in the creation of the T6000 operator area. Whether you choose a Delta model with flat-deck ROPS platform or the all-weather comfort of the Horizon™ cab, you get space, comfort, control and view that make your work easier. The throttle, transmission, hydraulic and hitch controls are placed in a natural position for easy,

fingertip control. And, the sloped T6000 hood gives you an unobstructed view of the work area around you.

#### **The Delta flat deck**

The T6020, T6030, T6050 Delta and T6050 Plus models are available in flat-deck ROPS. A deluxe seat with mechanical suspension swivels and adjusts to fit you perfectly, and the steering

wheel tilts to suit your preference. Glass comfort shielding to the front at floor level keeps noise to a minimum.

#### **High-visibility Horizon™ cab – no other cab comes close**

When you enter the Horizon cab, prepare yourself for ultra-quiet comfort. Interior sound level is as low as 70 dba. Add spacious dimensions and

attention to detail, and it's easy to see how the Horizon cab makes you more productive. The deluxe air-ride seat swivels, supports, and adjusts for maximum comfort, while an optional full-size instructor seat puts co-workers at ease, too. A full 63 square feet of glass provides clear sightlines in every direction. There's even a high-visibility roof panel to provide an upward view that makes it easy to see a raised loader bucket. A retractable sunshade blocks glare on Delta models, and an automotive-style sunshade on Plus and Elite models opens for fresh air.

**Deluxe cab upgrade**

Step up to the Deluxe cab option on your Elite model tractor and you get the added comfort of the New Holland air-ride seat with heated cushions. The automatic temperature control system supplies heat and air conditioning as needed to maintain the temperature you set. The Deluxe cab also features heated electronic external mirrors, a speaker upgrade and electrohydraulic rear remotes as standard equipment.

**Optional Comfort Ride™ cab suspension**

For the absolute smoothest ride over bumpy ground, choose the Comfort Ride™ Cab Suspension option available on Plus and Elite models. This simple mechanical system is always on. Two isolation "donuts" at the front corners of the cab and a swaybar and two shock absorbers at the rear isolate you from up-down motions and side-to-side swaying.



*A comfortable, supportive, full-size instructor seat is a Horizon cab option.*



*An enhanced performance monitor and radar are optional on all Plus and Elite models, allowing you to track and program a variety of functions including linkage height, PTO speed, hours, distance traveled and electronic remote valve status.*

*The Horizon cab features a standard high-visibility roof panel for an easy view to a raised loader bucket.*



# FastSteer™ efficiency

## Move the steering wheel only 10 degrees to execute a full turn.

Whether you will use your T6000 Series tractor for row-crop work or with a loader, the FastSteer™ turning system option saves you effort and time. This innovative system is available on Plus FWD models and Elite models.

### No more revolutions

The FastSteer system allows you to complete a hard right or left turn by moving the steering wheel a mere 10 degrees. Imagine the energy you will

save by simply nudging the steering wheel at the headland or the next time you turn to load a bucketful of silage or manure. No more turning, turning and turning the wheel.

### Just press the inner ring

To use the FastSteer system, first press the rocker switch on the right-hand "C" pillar to make the system available for use. Then, when you're ready to make your turn, simply press the inner ring of the steering

wheel to engage FastSteer. A light on the instrument panel indicates the system is engaged. Normal steering returns instantly when you release the inner ring of the steering wheel. For safety, the FastSteer system will only engage at speeds below 6.2 mph.





To engage FastSteer, simply press on the inner ring of the steering wheel. The FastSteer system automatically disengages when travel speed exceeds 6.2 mph.



## CUSTOM HEADLAND MANAGEMENT

A standard feature on Elite T6000 models, the New Holland Custom Headland Management system memorizes and replays a series of up to 28 tasks, allowing you to manage your headland turning routine with the press of a button. You can “record” and “play back” two separate sequences—one for exiting the row; the second for entering the next row—including the changes you make to the following:

- Transmission upshift/downshift
- Engine speed
- Engage/disengage constant RPM “cruise” control
- Three-point hitch position
- Electrohydraulic valve operation (if so equipped)
- (NOTE: The TerraLock™ system will automatically disengage FWD and diff lock as you turn and re-engage them when required.)

The Custom Headland Management system reduces repetition to give you a well-deserved break from the juggling act normally required for headland turns. Add this convenience of this system to the effortless turning provided by the FastSteer option, and you handle row after row with minimum effort.



Switches on the right-hand console are used to alert the system that you are ready to record (A) or play back (B) a sequence of actions. Then, press the “step” button to actually activate the recording or playback. The step button is located on the multi-controller (C) on Elite six-cylinder models, and on the seat-mounted electronic draft control mouse on Elite four-cylinder models.





# Responsive power

## T6000 engines deliver outstanding power with less fuel, lower emissions.

You encounter tough conditions every day, and T6000 tractor engines are up to the challenge. Turbocharged four-cylinder engines on the T6020, T6040 and T6060 and six-cylinder engines on the T6030, T6050, T6070 and T6080 provide dependable, quiet power day in and day out. With up to 47% torque reserve on tap (depending on model), these engines will respond when terrain, soil or crop conditions get really tough.

### Reliable design

These time-proven engines feature a durable, computer-designed, parent-bore cylinder block for extended life. The contoured block design features a contoured outer surface for increased structural strength. Air-to-air intercooling improves performance, while a five-blade viscous fan maintains temperature, reduces noise, lowers horsepower consumption, and saves fuel.

### Fuel efficient, too

Delta and Plus models feature a mechanically governed rotary fuel injection pump with two valves per cylinder that provides simple yet responsive control. On Elite models, a high-pressure common-rail (HPCR) electronic power management system delivers superb fuel efficiency, fast response, low noise and low emissions.

### Horsepower that grows

The electronic fuel management system on Elite models saves fuel, ensures fast response and a Power Boost for up to 25 horsepower during PTO and transport applications.

Power Boost compensates for drive-line power loss, helping maintain your speed on hilly terrain and roads so you can maintain peak performance. Another advantage of electronic power management is the convenience of a Constant RPM system, or “cruise” control. Where precise engine speed is essential to optimum performance, the Constant RPM system lets you program two engine RPM settings and toggle between them as needed to streamline field work like baling.



### Easy servicing

New Holland invested a lot of thought in the design and servicing of T6000 tractors. Routine maintenance and fueling can be completed easily from ground level. Engine oil can be checked and filled at the same convenient point, without raising the hood. And, the 600-hour oil change interval means you don't need to handle this task as often. If it's time for more thorough servicing, the entire hood glides open on a gas strut to provide you with complete engine access. You have unobstructed access to everything, including the engine air filter and radiator.

- A sight glass replaces a dipstick for a quick visual check of the transmission oil level.
- The oil cooler and A/C condenser slide or swing out to the side (depending on model) for easy cleaning.
- A swing-out battery tray allows for fast battery access.



*Reduce emissions and foreign oil imports by using B100 biodiesel blends (meeting ASTM 6751 Standards) in T6000 tractors.*







*A one-piece, flip-up hood opens smoothly on a gas strut with open access to the engine, radiator, A/C condenser and filters.*

*You can check the oil without raising the hood.*





# Smooth Power Command™ full powershift

**Six-cylinder Elite Power Command™ models feature the ultimate in “set and forget” convenience.**

When you step up to an Elite T6000 tractor equipped with the electronic six-cylinder engine, you also step up to the flexibility and control of the Power Command™ full powershift transmission. This premium transmission offers the ultimate in convenience and personalized programming.

## **Automatic shifting in the field, and on the road**

A patented torque sensing system allows the Power Command transmission to do the shifting for you, with no mechanical shifting required. Simply press the “Auto” button for

automatic shifting that rivals the smoothness of your car or truck. You program the transmission to automatically shift when speed increases or decreases by 5, 10, 15, 20, 25, or 30 percent—whatever suits your application. In the field, the system maintains your throttle setting and automatically shifts up or down as needed from gears one to 11.

When using the “Auto” mode while transporting, you have access to gears 7 through 18.





### Programmable power shuttle

A touch of the lever located on the left side of the steering wheel and you shift from forward to reverse. No need to clutch, no need to stop. You don't even need to remove your hand from the steering wheel. You can also program this convenient power shuttle to the best reverse and forward gears for each job.

### Just the right speed

With nine of the 18 forward speeds are in the two- to eight-mph working range, Power Command transmission gives you a choice of speeds to match every job. A 25-mph transport speed gets you from one place to another in a hurry.

### 19x6 Economy version available

Choose the Economy Power Command™ transmission and you achieve the maximum 25-mph (40 kph) transport speed at a lower engine speed for improved fuel efficiency.

### Faster Mover 31-mph transport option

A 19x6 Power Command™ transmission provides an additional forward speed that allows T6000 Elite tractors to achieve a higher 31-mph (50-kph) speed (tire restrictions apply).



*The convenient seat-mounted multi function controller gives you complete transmission control on Power Command equipped models.*



*Just press the "Auto" button, and the Power Command™ transmission automatically shifts up or down within a span of gears based on engine RPM and applied flywheel torque.*



*The clutch-free power shuttle is electro-hydraulically engaged and located to the left of the steering column for easy fingertip control.*

### A Choice of Transmissions

A selection of transmissions allows you to equip T6000 Series tractors to match your job applications. All transmissions offer the convenience of a dedicated, column-mounted, left-hand shuttle lever, making T6000 Series tractors highly efficient at loader work. And, all configurations (except 17x16 transmissions) are available with a creeper option for low-speed applications.

#### Delta Models

(T6020, T6030, T6050)

- 24x24 Dual Command™
- 16x16 ElectroShift™

#### Plus Models

(T6020, T6030, T6050, T6070)

- 16x16 ElectroShift™
- 16x16 AutoShift™

#### Elite Auto Shift™

(T6020, T6030, T6040, T6050, T6060, T6070)

- 16x16 AutoShift™
- 17x16 AutoShift™ Economy
- 17x16 AutoShift™ 31 MPH/50 KPH

#### Elite Power Command™ Models

(T6030, T6050, T6070, T6080)

- 18x6 Power Command™
- 19x6 Power Command™ Economy
- 19x6 Power Command™ 31 MPH / 50KPH

# Easy shifting and shuttling

Choose the transmission that's geared for your work.



Whether you're doing field work or loader chores, there's a dependable T6000 transmission with the speeds and features that suit the work you do.

## **16 x 16 ElectroShift™ transmission with power shuttle**

(Available on all Delta and Plus models)

This transmission gives you touch-button powershifting through the four gears of each range, plus a clutch-free shift between first and

second range, and between the third and fourth range. You only need the clutch once in 16 gears. An electro-hydraulic power shuttle also lets you shift from forward to reverse without clutching for easier loader or grading work. Program the reverse gear you prefer for the work you're doing.

## **16x16 AutoShift™ Transmission with power shuttle**

(Available on Plus and Elite AutoShift models)

Offering the same operational convenience as the 16 x 16 ElectroShift™ transmission, AutoShift™ provides







between ranges C and D. An illuminated LED gear display, located to the right of the main shift lever, displays the gear on tractors equipped with the AutoShift transmission.

**17x16 Economy AutoShift™ Transmission with power shuttle**

(Available on Elite AutoShift models)

Get added fuel economy with an economy drive that achieves the maximum 25-mph (40 kph) transport speed at a lower engine speed.

**17x16 31-mph AutoShift™ Transmission with power shuttle**

(Available on Elite AutoShift models\*)

\*tire restrictions apply

Achieve a faster 31-mph (50-kph) maximum speed to save time between locations.

**24 x 24 Dual Command™ Hi-Lo transmission with power shuttle**

(Available on Delta models)

The Dual Command transmission gives you the added convenience of clutchless forward-reverse shuttling, as well as twice the number of speed choices. An underdrive for each of the twelve forward and reverse gears effectively increases torque by 27% and reduces tractor speed by approximately 22%. Dual Command buttons are located right on the gearshift lever to allow you to powershift on-the-go without clutching. Use the lower button (tortoise) to engage the underdrive. Push the upper button (hare) to disengage Dual Command and return to direct drive. This transmission provides the benefit of up to 11 speeds in the two- to eight-mph working range for maximum versatility. Transport speed is 19 mph for 2WD models and 25 mph for FWD models.

even more time-saving features. Push the “Auto” button while operating in the field, and the AutoShift transmission does the shifting for you within the four gears of Ranges A (Gears 1 to 4), B (gears 5 to 8) or C (Gears 9 to 12). When roading, press the AutoShift button once to shift as needed within Ranges C or D; press the AutoShift button twice to move freely from gear 9 through gear 16 and back down as needed without stopping to shift



The 24x24 Dual Command transmission doubles your gears from 12 to 24. Underdrive button on the side of the shift lever and on the console (B) allows you to powershift on-the-go without clutching.



AutoShift™ transmissions provide automatic shifting in the field or one the road. You program the shift point and shuttle preferences.

# Responsive hydraulics

## Ample flow and lift capacity expand the versatility of your T6000 tractor.

You'll appreciate the flexibility and unwavering power of the T6000 hydraulic system. While the hydraulic systems found on some tractors rely on a single pump, the T6000 hydraulic system uses two pumps for better response and the ability to perform multiple hydraulic functions simultaneously – without sacrificing performance.

### Two pumps are better than one

The open-center hydraulic system used on Delta models features a 16.6-gallon-per-minute (gpm) fixed-displacement gear pump and a separate 10.5-gpm steering pump (12.4-gpm on Delta models equipped with the 16x16 transmission). Plus and Elite models offer a more advanced closed-center load-sensing hydraulic system

and a variable-displacement piston pump that delivers a flow of 26.5 gpm to the rear remotes, three-point hitch and loader. A separate 10.5-gpm pump provides flow for steering and services circuit. Flow control is standard equipment. Configurable detents are standard on Elite models and optional on Plus models. For maximum in-cab control, Plus and Elite models can be equipped with two, three or four fully programmable electro-hydraulic remotes. You control the flow rate and program the timing of each valve right from your tractor seat.

### Impressive lift capacity

Three-point hitch capacity for T6000 Series tractors is an outstanding 12,185 pounds for Elite models

and the T6070 Plus, 9,620 pounds for other Plus models with electronic draft control and 9,285 pounds for Plus models equipped with mechanical draft control. Delta models feature mechanical draft control with a standard lift capacity of 7,509 pounds with an optional increased lift capacity of 8,813 pounds. Flexible link ends and telescoping stabilizers on all T6000 models make it easy to hook up and change implements.

### Mechanical draft control simplicity

Delta and Plus models feature a simple mechanical draft control (MDC) system that uses lower-link draft sensing to precisely maintain draft loads while working in the field with three-point-mounted imple-





ments. (MDC is not available on the T6070.) Models with MDC also feature the convenient Lift-O-Matic™ system that allows you to raise or lower an implement with the touch of a button, without altering the draft settings—a real time-saver during headland turns.

### Added EDC benefits

Electronic Draft Control (EDC) allows for precise, automatic control of three-point-mounted implements using lower link draft sensing to maintain a constant load on the hitch through changing soil conditions. T6000 tractors equipped with electronic draft control also get the convenience of fast hitch raise/lower control both inside the cab and on the rear fenders. Dynamic Ride Control is

also standard equipment on EDC-equipped tractors to help prevent three-point-mounted implements from “bouncing” on the rear hitch during transport, giving you greater control and a more comfortable ride.

### Soft start PTO

The reversible 540/1000 rpm PTO engages electro-hydraulically for smooth starts and features Soft Start for added implement protection during start up. A PTO Coast Down switch allows you to manually override the PTO brake to control high-inertia loads. Fender-mounted PTO controls on cab models make hook-up easy.



*Hydraulic control levers and remote coupler dust covers are color-coded to assist with easy implement hook up and control.*



*Quick-raise hitch switches are provided on both rear fenders on tractors equipped with electronic draft control. An exterior PTO switch is also provided on the rear fender of all cab models. Press the button for less than five second for a pulsing action that makes it easier to hook up the PTO shaft. Hold the button for longer than five seconds to fully engage the PTO.*



Get added control with  
SuperSteer™ or TerraGlide™ axle





## Select from two optional FWD axles to boost your efficiency.

Two innovative New Holland FWD axle options give you advantages in the field and on the road.

### Fast, sharp SuperSteer™ turns

Add the patented SuperSteer™ FWD axle to your T6000 Plus or Elite tractor and you increase the standard 55-degree turn angle to an unmatched 65 degrees. You turn sharper and faster for easier maneuvering in tight spaces and small fields. And, row-crop operations achieving a 35% reduction in headland turn time—a huge advantage. Equip a SuperSteer tractor with the FastSteer™ option, and you get the absolute ultimate in simple turning.

### The exclusive New Holland design

As the tractor turns, the whole SuperSteer axle pivots, adding 20 degrees of articulation to the standard turn angle of 45 degrees. The inside tire moves away from the tractor, providing more tire clearance, a sharper turning angle and reduced turnaround diameter.

### A smooth TerraGlide™ ride

Equip your T6000 Series Plus or

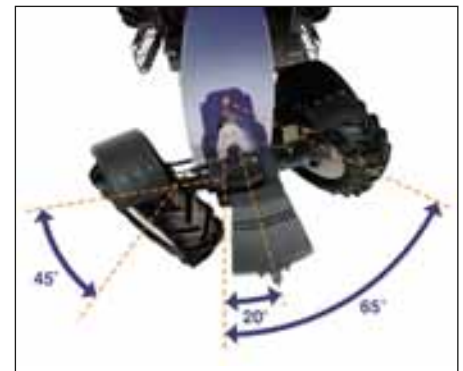
Elite model tractor with the TerraGlide™ FWD axle and you get an ultra-smooth ride along with better traction, stability and control in any terrain. The TerraGlide axle provides a remarkable four inches (100 mm) of travel to keep the front tires in contact with the ground, so you ease over rough spots in rutted fields or bumpy roads. You enjoy a more comfortable ride but, more importantly, you also get better control. The TerraGlide axle helps keep the tractor grounded for more consistent loading on the front tires, resulting in greater traction, up to a 5% increase in draw-bar pull, better stability and better steering control.

### No complications

The TerraGlide FWD axle is a simple, affordable design – not like the complicated systems found on other tractors. Another unique feature: the system can be turned off! The TerraGlide axle is activated at tractor start up but can be locked out between speeds of .9 and 7.4 mph using an override switch in the cab. To ensure your comfort and safety, the suspension is automatically engaged at speeds over 7.4 mph.

### Heavy-duty rear axles

T6000 rear axles feature inboard planetary final drives with three large, heat-treated planet gears to handle high-torque loads. Heavy-duty flange or 98-inch bar axles are available on all models for maximum flexibility. Six-cylinder Elite models are also available with a 112-inch bar axle and dual tires.



The SuperSteer axle moves the inside wheel out and away from the tractor frame, providing more tire clearance and a greater turn angle for faster, sharper turns. Add the 20 degrees of axle articulation to the standard turn angle of 45 degrees for an unmatched total turn angle of 65 degrees.

Front Axle Choices	T6000 Tractor Models				
	4- or 6-Cyl. Delta	4-Cyl. Plus	6-Cyl. Plus	4-Cyl. Elite	6-Cyl. Elite
Heavy Duty 2WD Axle with 8-bolt hub	X	X	X		
Heavy Duty Class 3 FWD Axle with limited slip differential	X	X	X (except T6070)		
Heavy Duty Class 3 FWD Axle with TerraLock™		X	X	X	
Heavy Duty Class 3 SuperSteer™ FWD Axle with TerraLock™		X	X	X	
Heavy Duty Class 3 TerraGlide™ FWD Axle with TerraLock™		X	X	X	
Ultra Duty Class 4 FWD Axle with TerraLock™			X		X
Ultra Duty Class 4 SuperSteer™ FWD Axle with TerraLock™			X		X
Ultra Duty Class 4 TerraGlide™ FWD Axle with TerraLock™			X		X

# TerraLock™ traction

## Automatic FWD and diff lock engagement provides optimum traction at every moment.

You can be sure that maximum power is put to the ground no matter what the working condition when your T6000 FWD tractor is equipped with the New Holland TerraLock™ traction system. The TerraLock system provides fully automatic FWD and front and rear differential lock engagement, allowing full-drive capability through all four wheels for more positive traction. It's standard on T6000 Elite models, on models equipped with the SuperSteer™ or TerraGlide™ FWD axles, and available on other T6000 Plus models.

### Three modes match your needs

The TerraLock switch has three positions—off, full-time and automatic. In automatic mode, the TerraLock system engages and disengages front-wheel drive and four-wheel differential lock depending on:

- Steering angle
- Forward ground speed
- 3-point hitch quick raise use
- Brake application

Automatic mode gives you the best performance advantages by delivering optimum traction when traveling straight, then disengaging FWD and diff lock when you turn the steering wheel, to give you better maneuverability. If forward speed exceeds 9 mph, both FWD and differential locks will also temporarily disengage.

When TerraLock is engaged full-time, both FWD and differential lock remain engaged until you activate the brakes. You also have the option of turning TerraLock off to completely disengage FWD and front and rear diff lock.

### Four-wheel assisted braking

Self-adjusting, self-equalizing hydraulic wet disc brakes deliver the stopping power you need. When both brake pedals are applied simultaneously, FWD engages automatically to aid in braking action for added control.



*The TerraLock™ system automatically controls FWD and differential lock engagement to give you maximum traction and control.*









# Move big loads fast

## Match a New Holland loader with the T6000 for exceptional loading efficiency.

T6000 tractors are ready-made for productive loading with their convenient left-hand shuttle, heavy-duty front axles and high-visibility roof panel. The T6000's superior materials handling package also includes dedicated hydraulic flow with a "loader-ready" option that includes a two- or three-function mid-mount valve, rear loader mounting brackets, and a seat-mounted joystick for superior control and reduced fatigue. Elite T6000 models with six-cylinder engines offer the option of an electro-hydraulic mid-mount loader valve and joystick for added convenience and speed.

### A loader that's a perfect match

The New Holland 830TL, 840TL and 850TL front loaders are specifically designed to match the high efficiency of T6000 tractors, allowing you to lift, load, fill and stack with maximum efficiency. You place loads exactly where you need them with the 12-foot, eight-inch lift height (Up

to 13 ft. 9 in on six-cylinder Elite models). You also get plenty of power to handle big loads:

- Lift capacity up to 3,950 pounds (Up to 4,650 pounds on six-cylinder Elite models)
- Breakout force up to 4,750 pounds (Up to 5,350 pounds on six-cylinder Elite models)



### Handy control

The position of the seat-mounted joystick control adjusts to suit your preference. A rocker switch on the joystick knob lets you electro-hydraulically control implements with third function hydraulics.

### A selection of buckets and attachments

Choose from a variety of buckets, including standard-duty, heavy-duty, light high-capacity, and standard high-capacity buckets. Additional attachments include:

- Pallet forks: 38- or 42-inch
- Grapple bucket
- Stone fork
- Universal fork
- Manure fork
- Grading bucket
- High-tip bucket
- Heavy-duty Silage King block buckets and grapple
- Heavy-duty Silage King fork and grapple
- Bale spike
- Universal bale grip
- Combo bale pallet fork
- Square bale forks
- Bale unwinder
- Heavy-duty round or square plastic wrap bale grip
- Bale bag lifter
- Bale cutter







LOADER MODEL	830TL		840TL				850TL	
	4-Cylinder Models		4-Cyl. SuperSteer™ Models		6-cyl. Delta, Plus and Elite AutoShift Models		Elite Power Command Models	
<b>T6000 Tractor Models</b>	T6020 T6040 T6060		T6020 T6040 T6060		T6030 T6050 T6070		T6030 T6050 T6070 T6080	
Loader type, NSL (Non Self/Leveling) or MSL (Mechanical Self/Leveling)	NSL	MSL	NSL	MSL	NSL	MSL	NSL	MSL
Lift capacity @ max. height @ 800 mm, lb. (kg)	3700 (1678)	3950 (1791)	3460 (1569)	3690 (1673)	3700 (1678)	3950 (1791)	4300 (1950)	4650 (2109)
Lift capacity @ max. height @ pins, lb. (kg)	5350 (2427)	4650 (2109)	5000 (2267)	4340 (1955)	5350 (2426)	4650 (2109)	6050 (2744)	5350 (2426)
Lift capacity @ 59 in. high @ 800 mm, lb. (kg)	4200 (1905)	4400 (1995)	3920 (1778)	4110 (1864)	4200 (1905)	4400 (1995)	4750 (2154)	5100 (2313)
Lift capacity @ 59 in. high @ pins, lb. (kg)	6050 (1741)	5250 (2381)	5650 (2562)	4910 (2227)	4910 (2227)	5250 (2381)	6750 (3061)	5950 (2698)
Breakout force @ 800 mm, lb. (kg)	4400 (1995)	4750 (2154)	4110 (1864)	4440 (2013)	4440 (2013)	4750 (2154)	5000 (2267)	5350 (2426)
Breakout force @ pins, lb. (kg)	6500 (2948)	5600 (2540)	6070 (2753)	5230 (2372)	5230 (2372)	5600 (2540)	7200 (3265)	6300 (2867)
Max. lift height, in. (mm)	156 (3962)	156 (3962)	154 (3911)	154 (3911)	154 (3911)	154 (3911)	167 (4241)	167 (4241)
Max. lift height under level bucket, in. (mm)	144 (3657)	144 (3657)	142 (3606)	142 (3606)	142 (3606)	142 (3606)	155 (3937)	155 (3937)
Clearance w/bucket dumped, in. (mm)	118 (2997)	118 (2997)	116 (2946)	116 (2946)	116 (2946)	116 (2946)	129 (3276)	129 (3276)
Reach @ max. lift height, in. (mm)	38 (965)	38 (965)	31 (78)	31 (78)	31 (78)	31 (78)	34 (863)	34 (863)
Max. dump angle, degrees	57	56	57	56	56	56	53	54
Reach @ ground line, in. (mm)	102 (2590)	102 (2590)	100 (2540)	100 (2540)	100 (2540)	100 (2540)	109 (2768)	109 (2768)
Bucket rollback angle, degrees	45	44	45	45	45	45	44	44
Digging depth, in. (mm)	7 (177)	7 (177)	7 (177)	8 (203)	8 (203)	8 (203)	6 (152)	6 (152)
Raising time, seconds	3.5	3.1	5.4	4.8	5.4	3.1	4.9	4.4
Lowering time, seconds	2.7	2.3	4.2	3.6	4.2	2.3	4	3.4
Bucket dump time, seconds	2.6	2	4	3	4	2	3.4	2.7
Bucket rollback time, seconds	2	2	3	3	3	2	2.7	2.7
Approx. weight, lb. (kg) (loader w/o bucket)	1220 (553)	1370 (621)	1220 (553)	1370 (621)	1220 (553)	1370 (621)	1385 (628)	1570 (712)

NSL = NON SELF/LEVELING MSL = MECHANICAL SELF/LEVELING (SS) = SuperSteer™ FWD Axle

NOTES: Specifications based on ASAE (S301.3) and are subject to change without notice. Dimensions and performance specifications are based on typical tractors and tire sizes

# T6000 Series Tractor Specifications

T6000 SERIES	T6020 DELTA	T6020 PLUS	T6020 ELITE	T6030 DELTA	T6030 PLUS	T6030 ELITE
<b>ENGINE</b>						
Gross, hp (kw)	110 (82)	110 (82)	110 (82)	115 (86)	115 (86)	115 (86)
Rated PTO, hp (kw)	90 (67)	90 (67)	90 (67)	95 (71)	95 (71)	95 (71)
Rated speed, rpm	2200					
Power boost, hp (kw)	NA	NA	20 (15)	NA	NA	25 (19)
Cylinders/displacement, cu. in. (L)	4 / 274 (4.5)	4 / 274 (4.5)	4 / 274 (4.5)	6 / 411 (6.7)	6 / 411 (6.7)	6 / 411 (6.7)
Number of valves	8	8	16	12	12	24
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Intercooling	Air to air	Air to air	Air to air	Air to air	Air to air	Air to air
	Intercooled	Intercooled	Intercooled	Intercooled	Intercooled	Intercooled
High pressure common rail electronic/direct injection	NA	NA	Standard	NA	NA	Standard
<b>ELECTRICAL</b>						
Standard alternator, amps	120 amp, 12-volt					
Battery capacity, CCA	960	960	960	960	960	1300
<b>TRANSMISSION</b>						
24 x 24 Dual Command™	Standard	NA	NA	Standard	NA	NA
16 x 16 ElectroShift™	Optional	Standard	NA	Optional	Standard	NA
16 x 16 AutoShift™	NA	Optional	Standard	NA	Optional	Standard
17 x 16 AutoShift™, 31 mph (50 kph)	NA	NA	Optional	NA	NA	Optional
17 x 16 AutoShift™ Economy	NA	NA	Optional	NA	NA	Optional
18 x 6 Power Command™	NA	NA	NA	NA	NA	Optional
19 x 6 Power Command™, 31 mph (50 kph)	NA	NA	NA	NA	NA	Optional
19 x 6 Power Command™ Economy	NA	NA	NA	NA	NA	Optional
PTO – standard (reversible shaft), in. (mm)	540/1000 rpm, 1-3/8 in.			(34/9)		
Creeper	Optional	Optional	Optional	Optional	Optional	Optional
<b>AXLES</b>						
Standard 2WD Axle	Standard	NA	NA	Standard	NA	NA
Heavy-duty 2WD Axle	NA	Standard	NA	NA	Standard	NA
Conventional FWD Axle w/limited slip	Optional	Optional	NA	Optional	Optional	NA
Conventional FWD Axle w/TerraLock™	NA	Optional	Standard	NA	Optional	Standard
SuperSteer™ FWD Axle w/TerraLock™	NA	Optional	Optional	NA	Optional	Optional
TerraGlide™ FWD Axle w/TerraLock™	NA	Optional	Optional	NA	Optional	Optional
Fast Steer™ Auto Steering	NA	Optional	Optional	NA	Optional	Optional
2WD tread adjustability, in. (mm)	63.2–86.2 (1605–2190)			63.2–86.2 (1605–2190)		
FWD tread adjustability, in. (mm)				62.2–92 (1580–2337)		
Wheelbase (2WD), in. (mm)	93.3 (2370)	93.3 (2370)	NA	104.4 (2652)	104.4 (2652)	NA
Wheelbase (FWD), in. (mm)	94.9 (2410)	94.9 (2410)	95.0 (2413)	104.7 (2661)	104.7 (2661)	107.8 (2739)
<b>HYDRAULICS</b>						
Load-sensing hydraulic type	Open center	Closed center	Closed center	Open center	Closed center	Closed center
remotes	2 or 3	2, 3, or 4	2, 3, or 4	2 or 3	2, 3, or 4	2, 3, or 4
	Mechanical	Mech. or Elec.	Mech. or Elec.	Mechanical	Mech. or Elec.	Mech. or Elec.
Main/implement pump flow, gpm (L/min.)	16.6 (63)	26.5 (100.3)	26.5 (100.3)	16.6 (63)	26.5 (100.3)	26.5 (100.3)
Steering and services pump flow, gpm (L/min.)	10.5 (40)	10.5 (40)	10.5 (40)	10.5 (40)	10.5 (40)	17.1 (65)
(for Delta models with 16 x 16)	12.4 (47)	NA	12.4 (47)	NA	NA	NA
Total tractor hydraulic flow, gpm (L/min.)	27.1 (102.6)	37 (140.3)	37 (140.3)	27.1 (102.6)	37 (140.3)	43.6 (165.3)
(for Delta models with 16 x 16)	29 (109.8)	NA	29 (109.8)	NA	NA	NA
Draft control	Mechanical	Mech. or Elec.	Electronic	Mechanical	Mech. or Elec.	Electronic
3-point hitch category	Cat II	Cat II MDC	Cat II/IIIN	Cat II	Cat II MDC	Cat II/IIIN
		Cat II/IIIN EDC			Cat II/IIIN EDC	
3-point hitch lift capacity—std./opt., lbs. (kg)	7509 (3406) std. 8813 (3998) opt.	9285 (4211) MDC 9620 (4363) EDC	12,185 (5527)	7509 (3406) std. 8813 (3998) opt.	9285 (4211) MDC 9620 (4363) EDC	12,185 (5527)
<b>CAPACITIES</b>						
Fuel tank, gal. (L)	46.5 (176)	46.5 (176)	46.5 (176)	66 (250)	66.0 (250)	79.3 (300)
Fuel tank w/SuperSteer, gal. (L)	NA	40.2 (152)	40.2 (152)	NA	60.8 (230)	79.3 (300)
Engine oil, qt. (L)	10.6 (10)	10.6 (10)	16 (15)	16 (15)	16 (15)	16 (15)
Hydraulic fluid, U.S. gal. (L)	17.1 (65)	16.3 (62)	16.3 (62)	17.1 (65)	16.3 (62)	18.5 (70)
<b>HORIZON™ CAB w/ HI-VISIBILITY PANEL</b>						
Glass area including hi-visibility panel, sq. ft. (m²)	63 (5.85)					
Sound level, dBA	71–73	70–72	70	71–73	70–72	70
<b>SHIPPING WEIGHT</b>						
Std. 2WD ROPS, lb. (kg)	9,090 (4110)	NA	NA	9,980 (4527)	NA	NA
Std. FWD ROPS, lb. (kg)	9,435 (4280)	NA	NA	10,360 (4700)	NA	NA
Std. 2WD Cab, lb. (kg)	10,000 (4550)	10,008 (4540)	NA	10,165 (4610)	10,890 (4940)	NA
Std. FWD Cab, lb. (kg)	10,383 (4710)	10,383 (4710)	10,888 (4949)	11,336 (5141)	11,336 (5141)	11,836 (5380)
Height to top of ROPS, in. (mm)	112.4 (2856)	NA	NA	114.1 (2898)	NA	NA
Height to top of Cab, in. (mm)	109.2 (2775)	112.4 (2856)	112.4 in (2856)	111.0 (2819)	114.1 (2898)	112.4 (2856)
Height to top of exhaust, in. (mm)	107.3 (2726)	113.2 (2875)	113.4 (2875)	109.0 (2770)	113.2 (2875)	113.4 (2875)



T6040 ELITE	T6050 DELTA	T6050 PLUS	T6050 ELITE	T6060 ELITE	T6070 PLUS	T6070 ELITE	T6080 ELITE
120 (90) 100 (75)	125 (93) 105 (78)	125 (93) 105 (78)	125 (93) 105 (78)	130 (97) 110 (82)	140 (104) 120 (90)	140 (104) 120 (90)	155 (116) 135 (101)
20 (15) 4 / 274 (4.5) 16 Turbocharged Air to air Intercooled Standard	NA 6 / 411 (6.7) 12 Turbocharged Air to air Intercooled NA	NA 6 / 411 (6.7) 12 Turbocharged Air to air Intercooled NA	25 (19) 6 / 411 (6.7) 24 Turbocharged Air to air Intercooled Standard	10 (8) 4 / 274 (4.5) 16 Turbocharged Air to air Intercooled Standard	NA 6 / 411 (6.7) 12 Turbocharged Air to air Intercooled NA	25 (19) 6 / 411 (6.7) 24 Turbocharged Air to air Intercooled Standard	10 (8) 6 / 411 (6.7) 24 Turbocharged Air to air Intercooled Standard
960	960	960	1300	960	960	1300	1300
NA NA Standard Optional Optional NA NA NA	NA Standard NA NA NA NA NA NA	NA Standard Optional NA NA NA NA NA	NA NA Standard Optional Optional Optional Optional Optional	NA NA Standard Optional Optional NA NA NA	NA Standard Optional NA NA NA NA NA	NA NA Standard Optional Optional Optional Optional Optional	NA NA NA Standard Optional Optional Optional Optional
Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
NA NA NA Standard Optional Optional Optional NA	Standard NA Optional NA NA NA 63.2-86.2 (1605-2190)	NA Standard Optional Optional Optional NA	NA NA NA Standard Optional Optional Optional NA	NA NA NA Standard Optional Optional Optional NA	NA NA Standard Optional Optional Optional NA	NA NA NA Standard Optional Optional Optional NA	NA NA NA Standard Optional Optional Optional NA
NA 95.0 (2413)	104.4 (2652) 104.7 (2661)	104.4 (2652) 104.7 (2661)	NA 107.8 (2739)	NA 95.0 (2413)	NA 104.7 (2661)	NA 107.8 (2739)	NA 107.8 (2739)
Closed center 2, 3, or 4 Mech or Elec. 26.5 (100.3) 10.5 (40) NA 37 (140.3) NA Electronic Cat II/IIIN	Open center 2 or 3 Mechanical 16.6 (63) 10.5 (40) 12.4 (47) 27.1 (102.6) 29 (109.8) Mechanical Cat II	Closed center 2, 3, or 4 Mech or Elec. 10.5 (40) NA 37 (140.3) NA- Mech or Elec. Cat II MDC	Closed center 2, 3, or 4 Mech or Elec. 17.1 (65) NA 43.6 (165.3) NA Electronic Cat II/IIIN Cat II/IIIN EDC	Closed center 2, 3, or 4 Mech or Elec. 10.5 (40) NA 37 (140.3) NA Electronic Cat II/IIIN	Closed center 2, 3, or 4 Mech or Elec. 26.5 (100.3) 10.5 (40) NA 37 (140.3) NA Electronic Cat II/IIIN	Closed center 2, 3, or 4 (Mech or Electr) 17.1 (65) NA 43.6 (165.3) NA Electronic Cat II/IIIN	Closed center 2, 3, or 4 (Mech or Electr) 17.1 (65) NA 43.6 (165.3) NA Electronic Cat II/IIIN
12,185 (5527)	7509 (3406) std. 8813 (3998) opt.	9285 (4211) MDC 9620 (4363) EDC	12,185 (5527)	12,185 (5527)	12,185 (5527)	12,185 (5527)	12,185 (5527)
46.5 (176) 40.2 (152) 16 (15) 16.3 (62)	66 (250) NA 16 (15) 17.1 (65)	66 (250) 60.8 (230) 16 (15) 16.3 (62)	79.3 (300) 79.3 (300) 16 (15) 18.5 (70)	46.5 (176) 40.2 (152) 16 (15) 16.3 (62)	66 (250) 60.8 (230) 16 (15) 16.3 (62)	79.3 (300) 79.3 (300) 16 (15) 18.5 (70)	79.3 (300) 79.3 (300) 16 (15) 18.5 (70)
70	71-73	70-72	70	70	70-72	70	70
NA NA 10,888 (4949) NA 112.4 (2856) 113.4 (2875)	9,986 (4530) 10,360 (4700) 10,235 (4642) 11,406 (5173) 114.1 (2898) 111.0 (2819) 109.0 (2770)	NA NA 10,890 (4940) 11,336 (5141) NA 114.1 (2898) 114.9 (2918)	NA NA NA 11,836 (5380) NA 112.4 (2856) 113.4 (2875)	NA NA NA 10,888 (4949) NA 112.4 (2856) 113.4 (2875)	NA NA NA 11,336 (5141) NA 114.1 (2898) 114.9 (2918)	NA NA NA 11,836 (5380) NA 112.4 (2856) 113.4 (2875)	NA NA NA 12,346 (5600) NA 112.4 (2856) 113.4 (2875)

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