

New Holland T7000 Tractors 135 to 195 PTO hp

T7030 T7040 T7050 T7060 T7070



Welcome to a new level of efficiency

Experience a new dimension of comfort and performance when you add the NEW T7000 Series tractor to your operation.

Your productivity in the field—and your personal efficiency—will soar when you make a T7000 Series tractor your mobile office. Available in FIVE models from 135 to 195 PTO hp, T7000 Series tractors give you the power and flexibility to mow, bale, till, seed and load more productively. A selection of seven transmission choices, including three NEW Auto Command™ Continuously Variable Transmission (CVT) options, means there's a T7000 tractor that meets your exact operating preferences.

New innovations

T7000 tractors offer new innovative features, including the Auto Command CVT transmission and the new Sidewinder™ II armrest with CommandGrip™ multi-function controller. They've been tested for over 15,000 hours and developed with the input of over 300 customers. After being subjected to critical analysis by four independent specialist design clinics, these innovations are ready for our toughest critics—you, our customers.

Efficiency that's standard

T7000 Series tractors offer you meaningful differences compared to other tractors because of the many time-saving, high-performance features that are standard equipment, not high-priced options. Engine

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.

power management with constant rpm speed management and up to 35-hp Power Boost is standard equipment. So is the TerraLock™ automatic FWD and diff lock engagements system. And, the Horizon™ cab? It's the place that makes your efficiency complete.

The Horizon™ cab: the heart of T7000 performance

This is where every aspect of superior T7000 performance converges—in the ultra-quiet, high-visibility Horizon cab. It's a command center of comfort and precision like no other. From here, you control the groundbreaking engine power that delivers up to 45 percent torque rise on demand and the best-in-class dedicated hydraulic flow of 32 gpm (39.6-gpm pump available as an option).

You've been waiting for this level of productivity and performance. Wait no longer. . .



A – Deluxe air-ride seat is standard equipment. It cushions your ride, swivels and adjusts to match you perfectly.

B – Optional full-size, supportive instructor seat is available in cloth or leather. The seat folds down when not in use, providing beverage holders and a handy work area.



C – Analog/digital instrumentation gives you information at a glance.

D – Custom Headland Management is standard on all T7000 models to provide one-button control of headland turn tasks to reduce fatigue and improve your productivity.

E – Fingertip shuttle lever allows you to shift between forward and reverse while keeping your hands on the steering wheel—no clutching required.

NEW shuttle-controlled electronic park brake is standard on all T7000 models and allows you to engage the park brake using the shuttle lever located to the left of the steering wheel. It engages automatically if the engine is turned off, if the tractor is stationary and running for 45 seconds or if the driver leaves the seat for more than five seconds.

F – Electronic draft control provides precise hitch control with lower link position and draft sensing.

G – Throttle lever is located close for easy engine speed adjustment.

H – Hydraulic remotes are color-coded for convenience. They're positioned at your fingertips on Sidewinder™ II models and to the right on Classic models.

Efficiency and full control at your fingertips

Adjustable Sidewinder™ II armrest and CommandGrip™ multi-function controller provide fingertip control for every operator.

Every function, every action and every detail of the new Sidewinder™ II armrest is designed around what operators like you have requested. This exclusive armrest comes on T7000 models equipped with electro-hydraulic rear remotes.

Perfect placement

The entire Sidewinder II armrest electronically slides forward or back to suit each operator with the push of a button. Since it moves on an inclined plane, it rises higher as it glides forward to put controls closer

to the operator and moves lower as it glides to the rear. At the front of the armrest is the new CommandGrip™ multi-controller, providing fingertip access to your most frequently used controls and helping you achieve maximum working efficiency.



The Intuitive Command Console features touch pads grouped logically around a white diagram of the tractor.



Model	PTO hp	T7000 Sidewinder™ II Models	
		with Electro-hydraulic Rear Remotes and the Sidewinder II armrest with CommandGrip™ multi-function controller	T7000 Classic Models with Mechanical Rear Remotes and standard command arm
T7030	135	Power Command™ powershift or Auto Command™ CVT	Power Command powershift
T7040	150	Power Command powershift or Auto Command CVT	Power Command powershift
T7050	165	Power Command powershift or Auto Command CVT	Power Command powershift
T7060	180	Power Command powershift or Auto Command CVT	Power Command powershift
T7070	195	Auto Command CVT	NA

Comfortable command center

High-visibility Horizon™ cab provides ultimate control and convenience.

A lot of space—and a lot of thought—is included in the design of the Horizon™ cab. No other cab comes close. Even the short journey up the stairs was planned with care. The doors on both sides of the T7000 cab open wide and include full-length grab handles, a large entry threshold and four wide, self-cleaning steps on each side.

A crescendo of quiet

When you enter the Horizon cab, prepare yourself for ultra-quiet comfort. Interior sound level is a hushed 70 dba.

Clear sight lines

Sixty-three square feet of glass enclose the Horizon cab, giving you an unobstructed view in every direction. There's even a high-visibility

roof panel to provide an upward view that comes in handy when working with a loader. You'll never strain to see the loader bucket again. A retractable sunshade blocks glare and the panel opens for fresh air, too.

Superior lighting package

Working at night or in low-light conditions is not a problem with the T7000 Series tractor. You have a best-

The convenient standard T7000 command arm comes with tractors equipped with mechanical rear remotes. It features the standard multi-function controller, throttle and electronic draft controls that travel with the seat.



in-class lighting package with 12 halogen worklights at the ready. With eight forward-facing lights and four to the rear, you have all the illumination you need to get the job done. High Intensity Discharge (HID) Xenon lights are optional.

Comfort Ride™ cab suspension

Comfort Ride™ cab suspension gives you the absolute smoothest ride over bumpy ground. It's standard equipment on Sidewinder™ II models and optional on Classic models. The best part about Comfort Ride suspension is that it's always on. This simple mechanical system uses two isolation "donuts" at the front corners of the cab plus a swaybar and two adjustable shock absorbers at the rear to isolate you from both up and down motions and side-to-side swaying.



You now have a comfortable view of a raised loader bucket using the standard high-visibility roof panel.



A storage box with drink holder is optional equipment on both Standard and Deluxe cabs.



A standard enhanced keypad allows you to track engine hours and distance traveled, program service reminders and select the display modes that allow you to monitor tractor performance.

Absolute comfort

Another standard feature is the deluxe air-ride seat. It swivels, supports and adjusts in a multitude of ways to assure your absolute comfort. New Holland has perfected every detail to make you more comfortable and productive – from the tilt/telescoping steering wheel to the generous storage space and optional full-size instructor seat.

The perfect display



Analog and digital instrumentation on the dashboard provides information at a glance. On T7000 Sidewinder II models, the

IntelliView™ III color touch screen monitor is an integrated part of the Sidewinder II armrest, providing fingertip access, control and monitoring of key functions and information—including fuel consumption, hydraulic flow control and the optional IntelliSteer™ auto guidance system.

Deluxe cab upgrade

Step up to the Deluxe cab option and you get the added comfort of the AutoComfort™ low-frequency air suspension seat with heated cushions and active suspension dampening. The automatic temperature control system supplies heat and air conditioning as needed to maintain the temperature you set. For added luxury, you can request the leather AutoComfort seat as well as a leather instructional seat. The Deluxe cab also features electronically adjusted telescoping and heated mirrors, and electro-hydraulic rear remotes as standard equipment.



You have plenty of light to work efficiently at any hour with the T7000's best-in-class lighting package.

Standard Cab

Deluxe Cab Option

Deluxe Air Ride Seat

AutoComfort™ air suspension seat with heated cushions

Manual AC and heater control

Automatic temperature control (AC & heat)

Manually adjusted telescopic mirrors

Electronically adjusted, telescoping, heated exterior mirrors

Both Standard and Deluxe cabs include tilt and telescoping steering wheel, interior storage tray with cup holder, intermittent front and rear wiper/washers, deluxe instrument panel, multiple electrical outlets, opening rear window. Additional optional cab equipment includes a deluxe radio with Blue Tooth, a rear storage box, leather operator seat, instructor seat in cloth or leather and heated front and rear windows.

Power to spare



Use B100 biodiesel blends (meeting ASTM 6751 Standards) in T7000 tractors to reduce emissions and foreign oil imports.

Strong, fuel-efficient engines rise to the occasion.

Turbocharged T7000 six-cylinder engines feature four valves per cylinder and respond with up to 45 percent torque rise when the going gets tough. These engines meet all Tier III emission requirements to go easy on the environment and feature a common rail fuel injection system that saves fuel, too.

Power Boost on demand

The electronic fuel management system on T7000 engines also features Power Boost, which delivers as much as 35 additional horsepower during PTO and transport applications to compensate for tough ground conditions or steep inclines. Power Boost compensates for driveline power loss, helping maintain your speed on hilly terrain and roads so you can maintain peak performance.

Cruising precision

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.

Long life is in the design

These time-proven engines feature a durable parent-bore design for extended life. The contoured block design features stiffening gussets for increased structural strength.

Fast service access

You can complete routine service checks on a T7000 tractor right from ground level. There's one convenient location to check and top off engine oil—all without raising the hood. Hydraulic oil level is easy to monitor from the rear of the tractor. And,

a sight glass allows you to make a quick visual check.

Flip-up hood for total access

If it's time for a more thorough look, 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. The condenser and hydraulic oil cooler pull out easily for cleaning when needed. The battery tray swings out when needed, and remote jump terminals are even provided for the battery.

A long wait between oil changes

A 600-hour oil change interval adds up to less servicing downtime for you.

Fuel-up fast

The side-mounted fuel tank has a capacity of 107 gallons (405L) for a full day's work in the field. Refueling is fast and convenient with a fill tube that can be reached easily from the ground. Another bonus—the fuel tank doesn't interfere with your visibility to front or back.

Model	Engine/PTO hp	Engine Displacement	Aspiration	Engine Torque Rise
T7030	165 / 135	411 cu. in. (6.7L), 6 cyl.	Turbo	45%
T7040	180 / 150	411 cu. in. (6.7L), 6 cyl.	Turbo	45%
T7050	195 / 165	411 cu. in. (6.7L), 6 cyl.	Turbo	37%
T7060	210 / 180	411 cu. in. (6.7L), 6 cyl.	Turbo	27%
T7070	225 / 195	411 cu. in. (6.7L), 6 cyl.	Turbo	32%



You can check the oil without raising the hood.



A flip-up hood with gas strut allows for fast and easy access to the radiator, A/C condenser and engine air filter.



Infinitely smooth



NEW Auto Command™ CVT gives you infinite speed selection with smoothness and ease.



Wet clutches are used for ratio changes and forward/reverse shuttling. Within each "ratio," a Bosch hydrostatic unit provides continuous, stepless speed changes.

The Auto Command™ Continuously Variable Transmission (CVT) makes it easy to find the perfect speed for each job because your choice of speeds is infinite. You accelerate from zero to maximum speed smoothly and steplessly. And, the shuttle shifting is the smoothest you'll find, making the Auto Command transmission ideal for loader work. No clutching—and almost no thinking—is needed.

Precise speed control

With the Auto Command CVT, your T7000 tractor responds based on how you move the lever. Press the lever forward slightly and the Auto Command CVT accelerates gradually

and deliberately. Move the lever all the way forward, and the New Holland system "reads your mind" and accelerates quickly to maximum speed. This force-based system is superior to other transmissions on the market since it allows you to speed up or slow down at the precise rate you want.

Changes as small as 0.1 mph

The Auto Command CVT allows you to change your speed in increments as small as 0.1 mph. For this reason, it makes a great creeper transmission, giving you ultimate control at the extremely slow speeds needed



for vegetable farming and specialty applications.

A superior multi-controller

Another Auto Command advantage is the CommandGrip™ multi-function control lever itself. In addition to giving you fingertip control of many other functions, the lever always stays in a position that's easy to reach, no matter what your speed. The speed levers on other tractors move in a channel and get further

from your body as you increase speed. But, the New Holland lever simply tilts forward and back, pivoting in place, so it's always right where you need it to be. When you reach the desired speed, just allow the controller to return to its central position and that speed is maintained.



More mechanical ratios mean superior efficiency

The Auto Command transmission minimizes the hydraulic power put through the hydrostat so the transmission operates at the highest level of efficiency for minimum fuel consumption and heat generation. The other continuously variable transmissions you'll find on the market have only two "ranges" or mechanical ratios. Because the Auto Command system has three ratios—or four on the New Holland Economy and "Fast Mover" versions—it has more ways to achieve the speed needed for the job at hand and automatically selects the ratio that delivers the best efficiency.

Define your target speeds

The Auto Command transmission allows you to define three target

speed segments that you can recall whenever you need them. You can set three forward target speeds, as well as three reverse target speeds that can be completely different than the forward speeds. This allows you to customize your shuttling to match your preferences or to match the job. For loader work, for instance, you may want to enter the pile slowly, but back out at a higher speed.

The CommandGrip controller makes it easy to set or change between target speed segments. Simply use the +/- buttons to change between target segments. The speed wheel on the left allows you to use your thumb to adjust speed as needed.

Three sensitivity settings

The Intuitive Command Console also allows you to select from three acceleration sensitivity settings, giving you control over how quickly the tractor shuttles and how quickly speed changes are made. It's a simple way to tailor the transmission to your application.

It's simple to cruise, too

Cruise control is made easy with Auto Command transmission. Just press the "C" button on the CommandGrip multi-controller for two seconds while you're traveling and the transmission maintains that speed. Or, press the "C" button while you are traveling in one of your

selected target speed segments and the transmission will automatically accelerate and maintain the top speed that you have set for that segment.

Three Auto Command choices

New Holland provides you with three versions of the Auto Command transmission, so you can select the one that best suits your operation. The Economy version permits you to achieve the maximum transport speed of 25 mph at a reduced engine speed. This "overdrive" allows you to achieve the very best fuel economy when you are moving between locations. The "Fast Mover" version provides you with a higher transport speed of 31 mph to get you from place to place as fast as possible. The TerraGlide™ suspension axle and hydraulic trailer brakes are included as standard equipment with this option.



The IntelliView™ III display shows you the Auto Command™ target speed segment and operational mode you've selected.

Three Auto Command™ CVT Choices

3-Ratio	25 mph/40 kph top road speed.
4-Ratio Economy	25 mph/40 kph top road speed at reduced engine speed.
4-Ratio "Fast Mover"	31 mph/50 kph top road speed. Includes TerraGlide™ suspended front axle with brakes, and hydraulic trailer brakes.

Smart full powershift transmissions

Smooth Power Command™ full powershift offers ‘set and forget’ convenience.

The New Holland Power Command™ transmission puts more working speeds at your disposal, provides programming options that simplify your work and the automatic shifting that rivals the smoothness found on the finest automobiles.

Automatically shifts for you

The Power Command transmission does the shifting for you both in the field and on the road using a patented torque sensing system. The system monitors engine speed and the torque load at the engine flywheel and automatically shifts up or down within a span of gears when needed. Since Power Command is a full powershift transmission, you will move automatically through the gears without the need for mechanical shifting. Competitive-brand tractors that feature semi-powershift transmissions limit the usefulness of automatic shifting because you have to shift mechanically to access the next range of gears. With Power

Command, you have access to all the gears. When in “Auto” mode, you can even adjust the automatic shift point to suit your applications by programming the transmission to shift when engine speed reduces by 5, 10, 15, 20, 25 or 30 percent.

Gears 1–11 available for automatic field shifting

To use this feature, simply select the engine speed and gear that’s best for your work, then press the “Auto” button located on the right-hand armrest. The system maintains that throttle setting and automatically shifts up or down based on the programmable shift point you have set. You have access to all 11 gears when working in automatic field mode.

Automatic transport mode in gears 7 and up

You have access to all gears from gear 7 up without making a mechanical shift—a real advantage when you are starting out with a heavy load. To

engage automatic shifting during transport in 7th to 11th gear, press the “Auto” button twice within one second. If you are in gear 12 or above, pressing the “Auto” button once is sufficient.

Use these additional features to save time:

- **Go-To Mode** – Automatically downshift to a pre-selected gear when you use the three-point hitch Quick Raise button or upshift when you lower the three-point hitch.
- **Auto “No Clutch” Take Off**
- **Gear Pre-Select**
- **Speed Matching in Transport Range**

Programmable power shuttle

The convenient power shuttle allows you to shuttle between forward and reverse without clutching, without stopping and without removing your hands from the steering wheel. Simply use your fingertips to flick the lever located on the left



side of the steering column. Your right hand is always free for loader or implement operation. You can customize the shuttling action by programming the best reverse and forward gears for each job. For loader work, you can power into the pile and back out quickly or program slower speeds when more precise movement is required.

More working speeds

Nine of Power Command's forward speeds are in the two- to eight-mph working range, allowing you to easily find the ground speed to best match your implement's capabilities. A top transport speed of 25 mph gets you from one place to another in a hurry. And, remember, Power Boost is available to you when transporting in gears 16 and up, as well as in non-static PTO and hydraulic applications.

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.

"Fast Mover" transport option

This transmission provides an additional forward speed to achieve a higher 31-mph (50 kph) transport speed (tire restrictions apply).

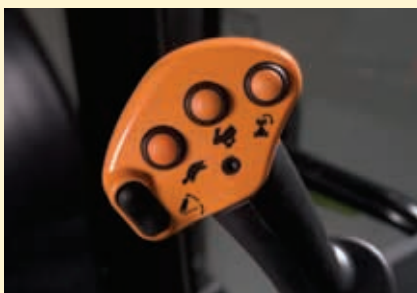
Creeper option

The 28F x 12R creeper transmission is available for specialty applications requiring extra slow ground speeds, with a minimum speed of 12.3 feet per minute. The creeper option can be combined with any of the three Power Command transmission choices—the Base, Economy or "Fast Mover" transmission.

Power Command™ Full Powershift Transmission Choices

Base	18 x 6	25 mph/40 kph top road speed.
Optional	19 x 6 Economy	25 mph/40 kph top road speed at reduced engine speed. Includes radar.
Optional	19 x 6 "Fast Mover"	31 mph/50 kph top road speed. Includes radar, TerraGlide™ suspended front axle with brakes, front fenders and hydraulic trailer brake socket.
Optional	28 x 12 Creeper	Adds 10 forward and six reverse creeper speeds to the standard 18 x 6 transmission. Minimum speed is 12.3 feet per minute with engine at rated PTO speed.

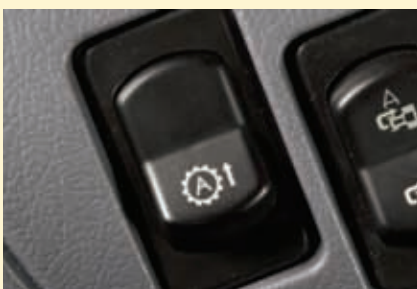
CLASSIC



SIDEWINDER™ II



A convenient seat-mounted multi-function controller gives you complete transmission control on T7000 Classic tractors with mechanical rear remotes. On T7000 Sidewinder™ II models, the CommandGrip™ multi-controller is provided.



The Power Command™ transmission will automatically shift up or down within a span of gears based on engine rpm and applied flywheel torque. Just press the "Auto" button located on the right-hand console (Classic models) or the CommandGrip lever (Sidewinder II models) to engage automatic shifting in the field or on the road.



A digital display on T7000 Classic models makes it easy to see your gear selection and functions such as auto-shift and Custom Headland Management. The IntelliView™ III touchscreen provides this information on T7000 Sidewinder II models.

More flow, more choices

High-capacity hydraulic system provides instant response and maximum flexibility.

Quick response and ample oil flow are part of the design of the T7000 Series hydraulic system. You have the capacity and flexibility to perform multiple hydraulic functions simultaneously—without sacrificing performance.

Two-pump CCLS system

T7000 hydraulic performance starts with the closed-center load-sensing system powered by a variable displacement piston pump that delivers 32 gallons per minute for the rear remotes, three-point hitch and loader. Choose the optional 39-gpm pump for even more capacity. All models are equipped with a separate 17-gpm pump for steering and operating circuits.

Up to five electro-hydraulic remotes

T7000 Series tractors provide a number of rear remote choices. Electro-hydraulic remote valves allow you to control flow rate and timing electronically from the cab. Electro-hydraulic remotes are standard equipment on all Sidewinder II models. T7000 Classic models feature mechanical rear remotes. If you choose electro-hydraulic remotes, three remotes are standard with a fourth and fifth available. In addition, models with electro-hydraulic remotes also feature switches on both fenders that provide external control of the third rear remote.

Mechanical rear remote valves feature configurable detents and mechanical flow adjustment. Three mechanical remotes are standard with a fourth that can be requested from the factory or installed by your dealer.

Awesome lift capacity

Three-point hitch capacity for T7000 Series tractors is an outstanding 15,873 pounds for T7050, T7060 and T7070, and 12,787 pounds for the T7030 and T7040 models (all measurements are ASAE at 24 inches). That means you can take advantage of the time savings provided when you use larger, wider three-point-mounted implements that cover more acres with every pass. Flex link ends and a turnbuckle height adjustment make hookup a breeze. And, a fast raise/lower switch is provided in the cab and on both rear fenders. Standard Dynamic Ride Control™ helps prevent three-point-mounted implements from “bouncing” on the rear hitch during transport. You enjoy greater steering control, added safety and a smooth, comfortable ride.

Precise draft control

Electronic Draft Control 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.



Electronic Draft Control is located for easy access and adjustment.

Soft Start PTO

The T7000 PTO engages electro-hydraulically for smooth starts, and the standard Soft Start feature provides added implement protection. A PTO Coast Down switch allows you to

manually override the PTO brake to control high-inertia loads. An exterior PTO switch is provided on each of the rear fenders. If you press the button for less than five seconds, you get 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.

New PTO options

A 540/1000 rpm PTO shaft is standard equipment on all T7000 models. On models equipped with the Auto Command CVT transmission, an economy PTO 540E / 1000 is optional. In the 540E mode, the PTO speed is achieved at a low 1570 rpm engine speed for improved fuel efficiency.

Auto PTO

Another bonus when you order your T7000 tractor with electro-



hydraulic rear remotes is automatic PTO engagement and disengagement when you use the quick raise/lower switch. Automated features like this save you time and hassles.



Switches for both the PTO and three-point hitch are provided on both rear fenders for easy control from the ground. Switches to control the #3 remote are also provided on models equipped with electro-hydraulic remotes.



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



NEW front three-point hitch or front three-point hitch WITH PTO options allow you to power and control front-mounted implements for added versatility and the ability to double your productivity.



Custom Headland Management



Manage your headland-turning routine with the press of a button.

The New Holland Custom Headland Management system reduces repetition and fatigue with one-button control of your headland turn tasks. The system is standard equipment on all T7000 Series tractors.

Memorizes up to 28 tasks

Use the Custom Headland Management system to memorize and replay a series of up to 28 tasks, including changes to the following:

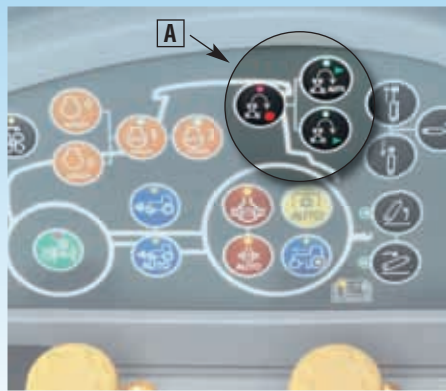
- Transmission upshift/downshift
- Engine speed

- Engage/disengage constant rpm
- Three-point hitch position
- Electro-hydraulic 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.)

One-button control

The most common use of the system is to “record” and “play back” two separate sequences—one for exit-

ing the row, and the second for entering the next row. After you’ve “recorded” the series of necessary adjustments, it only takes the push of a button on the multi-controller to play back those adjustments. So, instead of the normal juggling act that is part of turning at the headland, just press a button and the system will automatically throttle back, change gears and raise the implement. Press the button again, and the system repeats the second sequence you recorded to get you back in the row



On Sidewinder™ II models, these switches (A) on the Intuitive Command Console are used to record a sequence of actions. Then, press the “CHM” button on the CommandGrip™ multi-function controller (B) to actually activate the recording or playback. Your programmed sequence appears on the IntelliView™ III screen (C). On Classic models, rocker switches allow you to record sequences and the transmission display keeps you informed.



and on your way. Add this convenience to the easy turning you get with the FastSteer™ option, and you reduce the effort required at the end of the row to pushing the headland button, pressing the inner ring of the steering wheel and turning the wheel only a few degrees. The sophistication of the T7000 Series tractors truly means less hassle for you.

Auto Command™ modes

On tractors with the Auto Command™ Continuously Variable

Transmission, you can set two operational speed modes and switch between them as part of your Custom Headland Management routine.

Handy display

Symbols on the transmission display or on the IntelliView™ III display on Sidewinder™ II models allow you to confirm the actions that are being recorded or replayed so you can easily keep track of operations.

Maximum efficiency for every driver

The Custom Headland Management system benefits old-hands and novice drivers alike. It saves every driver time and effort by taking the annoying repetition out of the job. Plus, after the tractor is programmed, even inexperienced drivers will achieve impressive in-field productivity by using the prerecorded sequences.

Get added control with the 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

The standard 55-degree turn angle of the heavy-duty conventional FWD axle on T7000 Series tractors provides impressive maneuverability. Add the optional SuperSteer™ FWD axle and no other tractor comes close. The SuperSteer axle pivots as the tractor

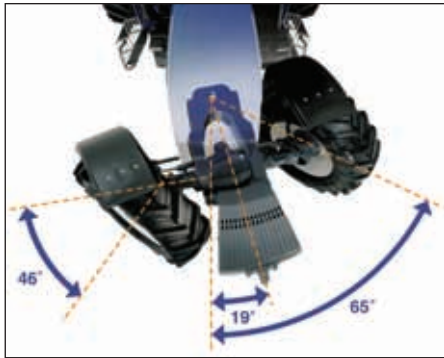
turns, adding 19 degrees of articulation to 46 degrees of turn angle. The result is an unmatched 65-degree turn angle. You turn sharper and faster, achieving a 35 percent reduction in headland turn time—a significant advantage in row-crop work. You'll also get in and out of tight spaces easily and work more productively in small fields. For the absolute ultimate in simple maneuvering, equip your T7000 tractor with the SuperSteer

option AND the FastSteer™ option. This exclusive combination redefines turning ease. An added bonus of the SuperSteer axle is a smoother ride that results from the wheelbase that's four inches longer.

A simple, ingenious design

The SuperSteer axle is attached to the tractor with a simple, heavy-duty ball-and-socket joint. As the tractor turns, the whole axle pivots. The





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 19 degrees of axle articulation to the standard turn angle of 46 degrees for an unmatched total turn angle of 65 degrees.

inside tire moves away from the tractor. At the same time, the outside wheel moves forward, in front of the nose of the tractor. This movement provides more tire clearance, a greater turning angle and reduces turn-around diameter. Front ballast weights are mounted directly onto the SuperSteer axle, so they move along with the wheels and never interfere with wheel turning.

TerraGlide™ axle smoothes out the rough spots

Equip your T7000 Series tractor with the TerraGlide™ FWD axle and you not only get an ultra-smooth ride, you also get maximum traction, stability and steering control. The TerraGlide axle provides a remarkable 4.13 inches (105 mm) of travel to keep the front tires in contact with the ground, letting you ease right through rough spots and achieve a smoother, safer ride in rutted fields, hard-packed furrows and bumpy access roads. Since fewer shocks and vibrations reach you in the cab, you enjoy a more comfortable ride. More importantly, the TerraGlide axle liter-

ally keeps the tractor more grounded for more consistent loading on the front tires, resulting in greater traction and stability. Another not-so-small perk: increased drawbar pull and better in-field tractor performance.

A simple, affordable design

The TerraGlide FWD axle is a simple, affordable design—not like complicated competitive systems. The system automatically self-levels regardless of the front axle load to maintain full suspension travel at all times. The superior geometry allows

front axle forces to transmit to the tractor's center of gravity through the long suspension arm.

Lock out when not needed

Want to lock out the TerraGlide axle? There's no need to leave your seat! A convenient override switch on the armrest console allows you to lock out the front suspension between speeds of 0.9 and 7.4 mph. This is a feature you won't find on competitive systems. To ensure your comfort and safety, the suspension is automatically engaged at speeds over 7.5 mph.

FastSteer™ option saves effort and time

Equip your T7000 tractor with the optional FastSteer™ turning system, and you can make a full right or left turn with only a 10-degree turn of the steering wheel. This innovative New Holland feature is a "must have" for loader work or row-crop applications.

"Lock to lock" steering, without the revolutions

How many revolutions do you make with the steering wheel each time you turn at the headland? Or when you turn to load yet another bucketful of silage or pallet of feed? Probably three, four, maybe five turns of the wheel. Now take that number times the dozens and dozens of times you perform those

same tasks in a week, month or year. It's exhausting just thinking about it! The FastSteer system saves you both energy and time by making a complete turn with only a nudge of the steering wheel instead of multiple revolutions.

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. When you release the inner ring of the steering wheel, normal steering returns instantly. For safety, the FastSteer system disengages automatically if travel speed exceeds 6.2 mph.



TerraLock™ traction

Automatic FWD and diff lock engagement improve your productivity.

The New Holland TerraLock™ traction system ensures that maximum power is put to the ground, no matter what the working conditions.

Optimum traction at every moment

Included as standard equipment on all T7000 Series models, the TerraLock system provides fully automatic FWD and front and rear differential lock engagement. The result: full-drive capability through all four wheels for more positive traction.

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 improve 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 differential 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.



TerraLock™ controls for T7000 Classic models with mechanical rear remotes.



TerraLock controls for T7000 Sidewinder™ II models with electro-hydraulic rear remotes.



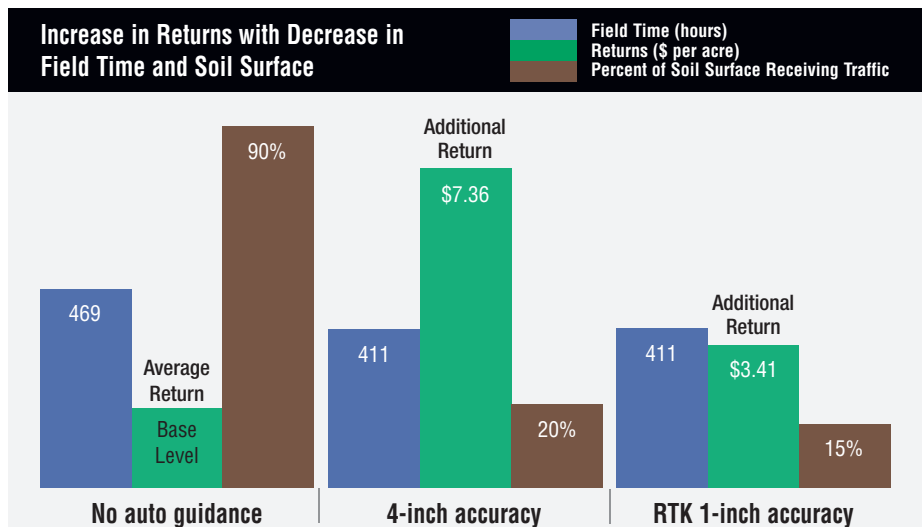


Perfect rows every time



IntelliSteer™ auto steering system lets you focus on farming, not steering.

Order your T7000 Series Sidewinder™ II tractor from the factory as “auto-guidance ready” and you can take advantage of the productivity provided by the optional IntelliSteer™ auto steering system. This state-of-the-art guidance system uses GPS technology that allows you to make near-perfect rows on every pass, with an accuracy level as precise as +/- 1 inch! Since the IntelliView™ III touchscreen display is already in place on Sidewinder II tractors, there’s no need to order a special auto guidance monitor.



*Purdue University GPS Auto-Guidance Study, 2004
Base farm: 1800 acres, 50/50 corn-soybean rotation, 12-row planter*



Either the IntelliView™ III monitor or the portable, 10.4-inch IntelliView Plus II touch-screen color monitor may be used to control the IntelliSteer™ system. Both provide complete interface with the system for fingertip control of operation, data storage and calibration.



The New Holland 262 antenna receives the GPS signals to guide the vehicle. This antenna can easily be transferred from tractor to tractor or even to your combine.



The RTK base station includes a GPS antenna, receiver and radio link to provide RTK correction signals to tractor-mounted auto-guidance systems and can be either portable or permanently mounted



The Navigation Controller™ II receives user, satellite, correction and steering inputs and provides the control to guide the tractor. It includes three gyrometers.

Exceptional repeatability

The IntelliSteer system allows you to plant, spray or till using the same row positioning every time throughout the season. Once in the row, steering is automatic. The IntelliSteer system saves valuable time and resources:

- Less time—travel at higher ground speeds, even at night or in low visibility.
- Less money—without skips or overlaps, you save seed, fertilizer and fuel.
- Less compaction—tire traffic is controlled with each application.

- Less fatigue—“guess rows” are eliminated as well as the stress of following markers, so operators can concentrate on implement operation.

Choose the accuracy level

Select the IntelliSteer system with the level of accuracy that matches your needs:

- IntelliSteer DGPS (Differential GPS) has typical accuracy in the +/- 10-inch range.
- IntelliSteer DGPS XP (Differential GPS Extra Performance) provides accuracy from +/- 3 to 5 inches.
- IntelliSteer DGPS HP (Differential GPS High Performance) provides a

higher level of accuracy in a range of +/- 2 to 4 inches.

- IntelliSteer RTK (Real Time Kinematics) provides the highest level of accuracy, in the +/- 1-inch range.

Immediate operator override

The electronic steering valve and manifold are plumbed into the tractor steering system and receive steering direction from the IntelliSteer system's navigation controller mounted inside the cab. Slightly turning the steering wheel returns complete tractor steering control to the operator.

Best-in-class loader performance





Pair the 850TL/860TL loader with T7000 efficiency for faster cycle times.

T7000 Series engine power, high-capacity hydraulics and convenient forward-reverse shuttling mean that loader work is second nature for these new tractors. Add the 850TL or 860TL front loader to your T7000 Series tractor and you'll lift, load, fill and stack with incredible efficiency.

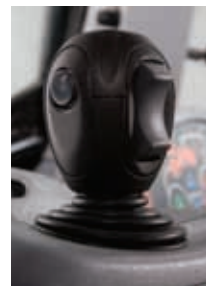
Move big loads fast

The 850TL and 860TL loaders deliver best-in-class performance with a lift capacity up to 5,450 pounds and up to 6,650 pounds of breakout force. You can also place loads exactly where you need them with the 14-foot, eight-inch lift height.

Easy control

An optional mid-mount loader valve is available on all T7000 Series models to make loader attachment easy. A seat-mounted electrohydraulic joystick control is standard on Sidewinder II models and optional

on T7000 Classic models. The joystick is located at your fingertips for comfortable, convenient loader control and features a proportional rocker switch for effortless control of attachments with a third hydraulic function.



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:

- "Round Bale King" Bucket and Grapple
- Multi-use Fork
- Pallet Forks
- Universal Bale Grip
- "Silage King" Fork and Grapple

Front Loader Specifications	850TL	860TL
Loader Type	Mechanical self-leveling	Mechanical self-leveling
Tractor Models	T7030, T7040	T7030, T7040, T7050, T7060, T7070
Cycle Times (seconds)		
Raise	4.1	4.6
Lower	3.2	3.7
Rollback	2.5	2.9
Dump	2.5	2.9
Total	12.3	14.1
Capacity Measured per ASAE S301.3		
Lift capacity to max. height @ 800 mm	4650 lb. (2109 kg)	4900 lb. (2223 kg)
Lift capacity to max. height @ pins	5350 lb. (2427 kg)	5450 lb. (2472 kg)
Breakout force @ 800 mm	5350 lb. (2427 kg)	5800 lb. (2631 kg)
Breakout force @ pins	6300 lb. (2858 kg)	6650 lb. (3016 kg)
Max. lift height	167 in. (4242 mm)	176 in. (4470 mm)
Max. lift height under level bucket	155 in. (3937 mm)	164 in. (4166 mm)
Clearance w/bucket dumped	129 in. (3277 mm)	138 in. (3505 mm)
Reach at max. height	31 in. (787 mm)	31 in. (787 mm)
Max. dump angle	55 degrees	45 degrees
Reach @ ground line	108 in. (2743 mm)	115 in. (2921 mm)
Bucket rollback angle	43 degrees	45 degrees
Digging depth	5 in. (127 mm)	7 in. (178 mm)

NOTE: Loader specifications may vary based on tractor model, tire size, etc.

Specifications – Common

T7000 Series	T7030	T7040	T7050	T7060	T7070
ENGINE					
Rated PTO, hp (kW)	135 (100.7)	150 (111.9)	165 (123)	180 (134.2)	195 (145.4)
Engine, hp (kW)	165 (123)	180 (134.2)	194 (144.7)	210 (156.6)	225 (167.8)
Rated speed, rpm	2200	2200	2200	2200	2200
Torque rise, %	45	45	37	27	32
Power boost, hp (kW)	35 (26.1)	35 (26.1)	35 (26.1)	25 (18.6)	25 (18.6)
Cylinders/displacement, cu. in. (L)	6 / 411 (6.75)				
Number of valves	24				
Aspiration	Turbocharged / Intercooled				
ELECTRICAL					
Alternator—standard / optional, amps	150 / 200				
Battery capacity, cca	1300				
PTO & HITCH					
Standard	Independent 540/1000 rpm w/dual shafts				
Optional	Independent shiftable 1000/540E w/dual shafts				
3-Point hitch category	II / III flex link ends				
3-Point system	Electronic draft control				
Lift capacity, lbs. (kg)	12,787 (5800)		15,873 (7200)		
AXLES					
Rear axle length—standard, in. (mm)	112 (2485)				
Rear axle length—optional, in. (mm)	98 (2489) or 119 (3023)				
Heavy duty FWD axle w/TerraLock™	Standard				
SuperSteer™ FWD axle w/TerraLock™	Optional				
TerraGlide™ Suspended FWD axle w/TerraLock™	Optional				
HYDRAULICS					
Hydraulic type	Closed center load sensing				
Implement pump flow					
Standard	32 gpm (120 lpm) at 1760 engine rpm -- 39.6 gpm (150 lpm) at 2200 engine rpm				
Optional	39.6 gpm (150 lpm) at 1942 engine rpm -- 45 gpm (170 lpm) at 2200 engine rpm				
Steering pump flow, gpm (lpm)	17 (65)				
HORIZON™ CAB FEATURES					
Deluxe air ride seat	Standard				
High-visibility panel, seat-mounted joystick, programmable shuttle	Standard				
Sound level, Db	70				
Glass area including hi-visibility panel, sq. ft. (sq m)	63 (5.85)				
DIMENSIONS					
Minimum shipping weight, lbs. (kg)	16,200 (7350)				
Height to top of cab, 18.4 R42 tires, in. (mm)	119.7 (3040)				
Height to top of exhaust, 18.4 R42 tires, in. (mm)	122.6 (3114)				



Specifications – Unique

T7000 Series Models	Power Command™ Classic T7030, T7040, T7050, T7060	Power Command SideWinder™ II T7030, T7040, T7050, T7060	Auto Command™ (CVT) SideWinder II T7030, T7040, T7050, T7060, T7070
TRANSMISSION			
Standard	18 x 6 (25 mph)	18 x 6 (25 mph)	CVT (25 mph)
Optional	19 x 6 Economy (25 mph)	19 x 6 Economy (25 mph)	CVT Economy (25 mph)
Optional	19 x 6 (30 mph)	19 x 6 (30 mph)	CVT (30 mph)
HYDRAULICS			
Rear remotes	3 or 4 Mechanical	3 to 5 Electro-hydraulic w/paddle or joystick control	3 to 5 Electro-hydraulic w/paddle or joystick control
HORIZON CAB FEATURES			
Fixed armrest	Standard	—	—
SideWinder™ II armrest	—	Standard	Standard
Multi-function controller	Standard	—	—
CommandGrip™ multi-controller	—	Standard	Standard
Right-hand console	Standard	—	—
Intuitive Command Console	—	Standard	Standard
IntelliView™ III touchscreen display	—	Standard	Standard

OPTIONAL EQUIPMENT

- Rear storage box
- Leather operator's seat
- Leather instructional seat
- Heated windshield and rear window
- Front three-point hitch and PTO
- 200-amp alternator
- Reversible engine fan



• Instructional seat



• Deluxe radio with Blue Tooth



• HID Xenon lighting



• Front three-point hitch and PTO



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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

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