

# T6 SERIES

T6.145 | T6.155 | T6.165 | T6.175 | T6.180



# Rely on T6 for unrivaled performance

T6 Series all-purpose, heavy-duty tractors are redesigned, restyled and ready for the next age of farming. New Holland has combined uncompromised power with the most advanced technology. They give you unmatched comfort, visibility and maneuverability with higher power and performance that you can feel.

## Powerful productivity

Productivity comes standard thanks to a choice of five models with an endless list of options including a front hitch and PTO, a choice of front axles, as well as a choice of transmissions. The T6 has you covered, from haymaking to loader work and row-crop applications. ECOBlue™ HI-eSCR engine technology not only provides Tier 4B emissions compliance, the system maintains total fluid efficiency (fuel and AdBlue DEF) compared to previous Tier 4A engines, and gives you a significant performance advantage. The enormous 42% torque rise and Engine Power Management provide you with up to an additional 34 horsepower to maintain productivity in even the most demanding conditions.

## Operating comfort

At New Holland, we believe a long, hard day in the field shouldn't feel like one. That's why we designed the Horizon™ cab for day-long comfort and productivity. The exceptionally low 69-decibel noise level and smooth Comfort Ride™ cab suspension help you feel at ease while you work.

Up to 16 bright LED working lights

## DESIGNED FOR THE NEXT AGE OF FARMING

Sleek, functional styling

New Holland LED signature lights

Tier 4B ECOBlue™ HI-eSCR engines, up to 175 maximum horsepower

Terraglide™ suspended front axle option

Tight-turning SuperSteer™ FWD axle option as small as 14.1 feet. (depending on wheel spacing)

Terralock™ automatic traction management

Headland Turn Sequencing II system





ISO BUS Class 3 compatibility

High-visibility roof panel

Factory installed integrated IntelliSteer auto guidance option

Model	Engine	Max. Boosted Engine HP	Rated Engine HP	Rated PTO HP
T6.145	4.5L, 4-cylinder	145	116	95
T6.155	4.5L, 4-cylinder	155	125	105
T6.165	4.5L, 4-cylinder	169	135	110
T6.175	4.5L, 4-cylinder	175	145	120
T6.180	6.7L, 6-cylinder	175	145	125

Premium seat options

Horizon™ cab with low noise levels of a mere 69 dB(A)

Optional Comfort Ride™ cab suspension

Renowned Electro Command™ Semi-Powershift transmission

Optional proven Auto Command™ continuously variable transmission (CVT) is available

Standard 104-inch wheelbase and up to a 15.1-foot turning radius (dependent on wheel spacing)

# Engineered by design to meet your needs

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T6 models range from 95 to 125 PTO horsepower, in packages to suit your needs.

**Value.** This package is perfect for basic haying needs and chores.

**Plus.** This configuration offers increased performance and comfort for haying and loader operations.

**Elite.** This package includes high-performance and luxury features and is available with a faster 31-mph (50 kph) transmission option.

**Auto Command™.** This configuration is the ultimate hay and chore tractor with deluxe features and the highest performance, including a faster 31-mph (50 kph) transmission option.



### Tailored transmission offering

Three semi-powershift Electro Command™ transmissions are available to fit any application: the standard 16x16, the Economy 17x16, and the Fast Mover 17x16. The Auto Command™ continuously variable transmission (CVT) offers the ultimate in precision operating efficiency.

T6 Series Tractor Packages	Value	Plus	Elite	Auto Command™
Transmission (all with mph/kph transport speed)	Electro Command™ Semi Powershift	Electro Command™ Semi Powershift	Electro Command™ with AutoShift	Auto Command™ CVT
Hydraulics	21.1-gpm fixed pump	29.9-gpm CCLS pump	29.9-gpm CCLS pump	33.5-gpm CCLS Pump
Hydraulic Remotes	2 mechanical	2 mechanical	2 mechanical	3 electro hydraulic
Comfort Ride™ Cab Suspension	NA	Optional	Standard	Standard
LED Worklights	8	12	12	12
Auto Guidance	NA	Optional	Optional	Optional
ISO BUS	NA	NA	II Optional	II Optional



### 8 to 16 LEDS to light the way

LED signature lights and work lights are standard equipment on all T6 models, providing exceptional illumination for productivity and safety during after-daylight operation. Value models are equipped with 8 LED lights standard to deliver 15,600 lumens – that's 24% brighter than the 12 halogen work lights used on previous T6 tractors. T6 Plus, Elite and Auto Command™ models come standard with 12 LED lights for lighting that's 86% brighter than previous models, and up to 16 are available to make it more than twice as bright as previous models.

### Standard and low-profile roof options

Two roof choices are available on every Electro Command T6 model. The low-profile option (Value Package) is the perfect choice for livestock farmers who need to enter traditional buildings with low clearance—without sacrificing headroom in the cab.

### Flexible loader and front axle offering

T6 tractors leave the factory ready (optional) for New Holland's acclaimed 800TL loaders. All T6 models are fully FOPS (falling object protection system) compliant. The optional Terraglide™ FWD axle smoothes your ride, or choose the SuperSteer™ front axle to reduce turn time on tight headlands for enhanced productivity.

### A choice of axles

New Holland believes in the power of choice, so you can choose between three different front axles—the standard axle for traditional efficiency, the Terraglide™ suspended front axle that ensures a silky-smooth ride or choose SuperSteer™ front linkage axles for turn-on-a-dime maneuverability.

### Outstanding ride quality and maneuverability

The long, 104-inch T6 wheelbase (106 inches with the optional Terraglide suspended front axle, and 110 inches with the optional SuperSteer axle) smooths your ride and improves traction. Tight turning doesn't usually go with a long wheelbase, but T6 tractors give you up to a 15'1" turn radius (dependent on wheel spacing) (14.1" with the SuperSteer axle), making it nimble and maneuverable.

### Meeting your hydraulic requirements

Three hydraulic options are available. The standard fixed displacement pump generates 21.1 gallons per minute (gpm) of flow, or for more demanding implements, select the 29.9-gpm closed-center load-sensing (CCLS) system. Auto Command models benefit from a 33.5 gpm CCLS system.

### Blue Power Edition

Farm in style with the Blue Power Edition of the T6.175 Auto Command tractor. The distinct midnight blue color with silver accents, carpeted and leather-trimmed interior add an exclusive look and feel to your everyday work.

# Horizon™ cab

## More space, better visibility.

Want all-round visibility? That's what you get with New Holland's industry-leading Horizon™ cab. Whether you're around the barn, in the field or on the road, you have an uninterrupted, productivity-enhancing view. The large, single-piece front windshield offers a perfect view no matter the weather or field conditions. The sun visor protects you from the harshest rays. Working with a front loader? Select the standard high-visibility, fully openable (fixed on Value models), transparent roof panel, which affords a perfect view at maximum loader extension from the comfort of your seat. Elite and Auto Command™ models feature exterior telescoping heated mirrors and rear wiper/washer to enhance your all-around visibility. Whisper quiet comfort is courtesy of a mere 69-decibel cab noise level.



### Control the climate of your cab

The air conditioning system features dual-zone technology to guarantee high performance in even the hottest summers and in the very bitterest of winters. Operators can individually position up to 12 vents to control the airflow for ultimate all-body comfort or super-fast windshield defrosting. Controls fall perfectly to hand and can be intuitively adjusted while on the move. Automatic Temperature Control (Optional) automatically maintains the temperature you set for ultimate comfort.



### Control center

The controls for heating and air conditioning, lighting, radio, and additional storage slots are grouped in an ergonomic cluster. A deluxe Bluetooth compatible radio with high-performance speakers is available. Not only can you take your phone calls hands-free, you are also able to listen to your favorite tunes either directly from your MP3 player or via a USB memory stick.



### An armrest to suit you

Auto Command™ tractors are equipped with New Holland's award-winning SideWinder™ II armrest, complete with the CommandGrip™ handle and optional IntelliView™ IV monitor.

### Eyes in the back of your head

The optional enlarged heated wing mirrors feature an electronically adjustable top section for the best possible view of the road during high-speed transport. The adjustable lower section has been designed to effectively counteract blind spots.

# The ultimate in farming comfort.

New Holland brings to you a best-in class seat offering, with three different choices. All seats benefit from improved cushioning. These firmer, more durable seat cushions provide outstanding comfort whatever the terrain. An optional, full-sized upholstered instructor seat folds down to provide a work surface when not in use.

## Comfortable seats for a smooth ride

**The Auto Comfort™ seat** offers a premier seating experience. With ventilated technology, low frequency suspension and heating, this is perfect for operators who spend extended hours in the tractor.

**The Dynamic Comfort seat** boasts low frequency suspension to effortlessly cushion you from the harshest bumps to keep you enjoying a super smooth ride.

**The Standard Comfort seat** delivers dependable performance and is perfect for those of you who want to feel more connected to your tractor.

Both the Dynamic Comfort and Standard Comfort seats benefit from an innovative swiveling backrest that is unique in the industry, and makes working with rear mounted attachments even more comfortable.

## Comfort Ride™ cab suspension option

Select a T6 tractor equipped with Comfort Ride cab suspension so you enjoy an extra-smooth ride over uneven fields or bumpy roads. This simple mechanical system uses two rubber isolators at the front corners of the cab, and a swaybar and two spring-loaded shock absorbers at the rear of the cab.





**Auto Comfort™ seat**

The ventilated Auto Comfort™ seat offers a premier seating experience. With automatic weight setting, active suspension, heating and even ventilation system that cools and removes moisture, this is perfect for operators who spend extended hours in the tractor. Seat covering is in blue and grey leather.



**Dynamic Comfort™ seat**

The Dynamic Comfort Seat boasts an enhanced low frequency suspension mechanism. The stitched cushions, finished in a stylish mixture of leather and cloth, also feature two stage heating.



**Comfort seat**

The standard Comfort seat uses a low frequency suspension unit. Cushions are finished in a durable dark blue cloth. All seat controls are easily identified ensuring seat adjustments are quick and easy.



Both the Dynamic Comfort and Comfort seats benefit from an innovative swiveling backrest, designed to provide upper back support which significantly increases comfort when the seat is turned to monitor rear mounted implements.

# Lighting the way.

Bright LED work lights are standard equipment. A flexible lighting package option offers you the choice of up to 16 LED work lights, each brighter and consuming less energy than the lights on previous models. The front and rear cab roof can be fitted with up to six lights each, plus four mid-position cab LED lights add up to 16 work lights. These high level work lights light up your work area while the front hood light lights up the road for transport.



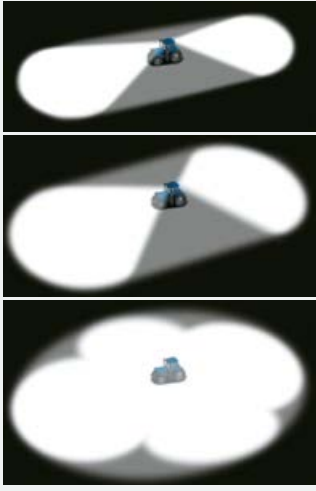
You can angle these LED lights to suit the application, creating a broad spread of light that turns night into day.



LED lights are efficiency itself: more light, more durability, less power consumption.



The signature running lights are a work of art. Look closely and you'll see a New Holland leaf nesting inside. It's the details that make the difference.



**Choose a lighting package to suit you**

There are three cab lighting packages available, consisting of eight, twelve and sixteen LED cab lights in various configurations, to suit your individual requirements.

# SideWinder™ II: the ultimate ergonomic farming experience.

The T6 Auto Command™ tractors offer sophisticated features that are easy and intuitive to access. How? Well, we listened to customers and developed the SideWinder™ II armrest to make everything simpler. All key controls are accessed from the armrest. Throttle, transmission and hydraulics. Everything you need to control is intuitively laid out. Furthermore, you benefit from the SideWinder II know-how that has been perfected on T7, T8 and T9 tractors!

## IntelliView™ IV touchscreen monitor

The optional 10.4-inch, wide-screen IntelliView™ IV display gives you all the information you need at a glance. You get fingertip adjustment of all key settings.

ISO BUS Class 3 (AutoCommand tractors only) uses the tractor monitor to control the baler and the baler control functions of the tractor for maximum productivity. On Auto Command, Plus and Elite models, ISO BUS Class 2 allows you to control all of your implements—balers, mowers and more – using your T6 tractor monitor.



The button on the rear of the CommandGrip™ give access to additional functions.



The soft-touch buttons are backlit to make selecting controls in the dark even easier.



## Electronic SideWinder™ II adjustment

Move the armrest to the position that suits you.

Fingertip control for up to two remote valves, which can both be configured with remote valve management.

Optional, Headland Turn Sequencing II (HTS II). Press to record, store and activate automated headland turn.

Optional IntelliSteer® auto-guidance, automated steering engagement.

Rear linkage raise/lower. Front linkage raise/lower (push simultaneously with the CommandGrip™ rear button).

Forward reverse shuttle switch.

Multi-function joystick. The joystick can be set to operate the front 3-point hitch, loader or remote valves.

Personalized positioning of the hydraulic joystick and rear linkage mouse available as a factory-fit option.

Rear linkage mouse. Lift heavy mounted implements with absolute precision.

Electronic remotes. Easy to reach paddles provide fingertip hydraulic operation. Flow and timing can be simply adjusted through the IntelliView™ IV touch screen.

Ergonomically positioned hand throttle

Full access to further advanced controls under the padded armrest.

Electronic SideWinder™ II adjustment.

Droop control. Select a lower maximum engine running speed to save fuel.





10.4-inch, wide-screen IntelliView™ touchscreen monitor

Select paddle or joystick control for remote valves 3 and 4.

Easy access to advanced features. Push the symbol. Activate the feature. The Integrated Control Panel, ICP, makes it simple to access advanced operating features.

Auto PTO disengages and reengages both the front and rear PTO during a headland turn.

Throttle up to your desired engine speed, select Engine Speed Management, and the speed is fixed.

Engage Terralock™ and it will automatically manage four-wheel drive and differential lock selection.

Press the Headland Turn Sequencing II button to record and replay the functions you use most frequently

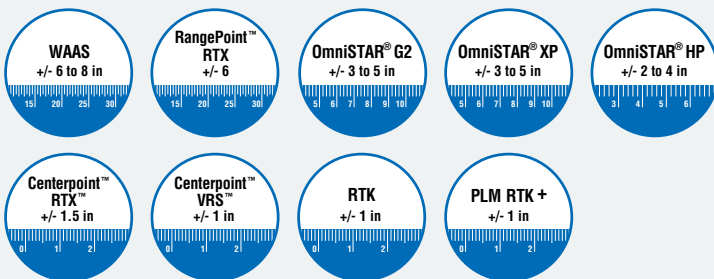
Three point hitch levelling and top link extension at the touch of a button, or assignable to any remote valve with remote valve management.

Rear three-point hitch raise/lower function

Front and rear PTO engagement control switches



# New Holland guidance systems to match your farming needs.



## Levels of accuracy and repeatability

New Holland offers six levels of accuracy. This enables you to select the right IntelliSteer™ system to match your needs and budget. When using RTK correction with IntelliSteer, you can enjoy guaranteed year-over-year repeatability



## NH 372 receivers

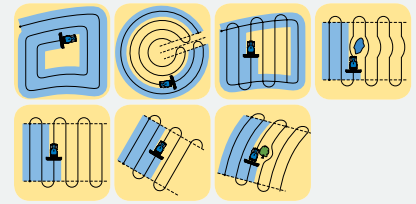
This receiver is GLONASS enabled and has the ability to track up to 44 satellites at any one time, greatly increasing your satellite coverage and uptime. It is compatible with WAAS, OmniSTAR®, CenterPoint™ RTX™, or RTK corrections. When using RTK for high-precision sub-inch accuracy, an RTK radio mounts under the receiver.



### Factory fitted guidance systems

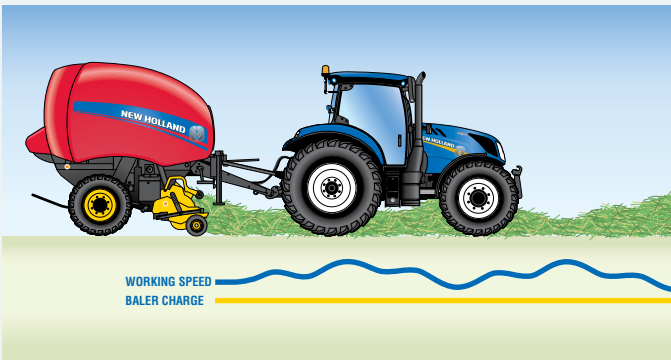
T6 tractors can be specified with a fully integrated New Holland-designed and -developed IntelliSteer™ auto-guidance system. By matching DGPS or RTK technology to fully integrated control, IntelliSteer helps ensure parallel pass-to-pass sub-inch\* accuracy. The IntelliSteer™ system is ideal for precision work in even the most demanding situations. It is designed to dramatically improve operator performance and comfort. All at the touch of a button.

\* Using RTK correction signal.



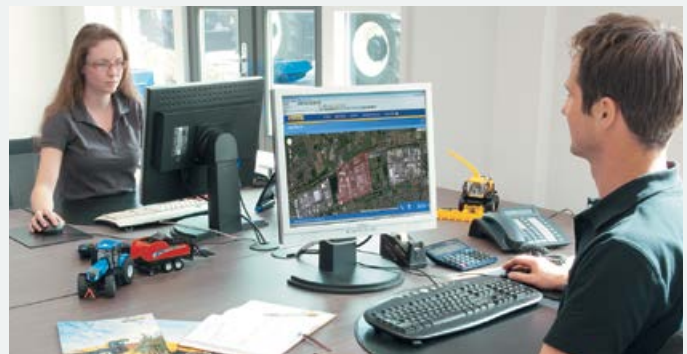
### IntelliView™ - visible intelligence

The ultra-wide-screen 10.4-inch IntelliView™ IV color touchscreen monitors can be used to manage the optional New Holland auto-guidance systems as well as being fully compatible with the IntelliSteer® system. The IntelliView™ monitor enables fingertip programming of a variety of guidance paths, from straight A-B runs to the most complex adaptive curves. You can also personalize your settings simply and easily and also transfer data using PLM Connect File Transfer and PLM desktop software packages.



### Two-way communication

The new T6 tractor line can be fitted with ISO BUS 3 Class technology. This means the tractor and implement "talk" to each other, allowing your tractor to receive feedback from the implement. So if you want to control the speed of your tractor based on feedback from your baler, choose a T6.



### PLM™ Connect: manage your machine from the comfort of your office

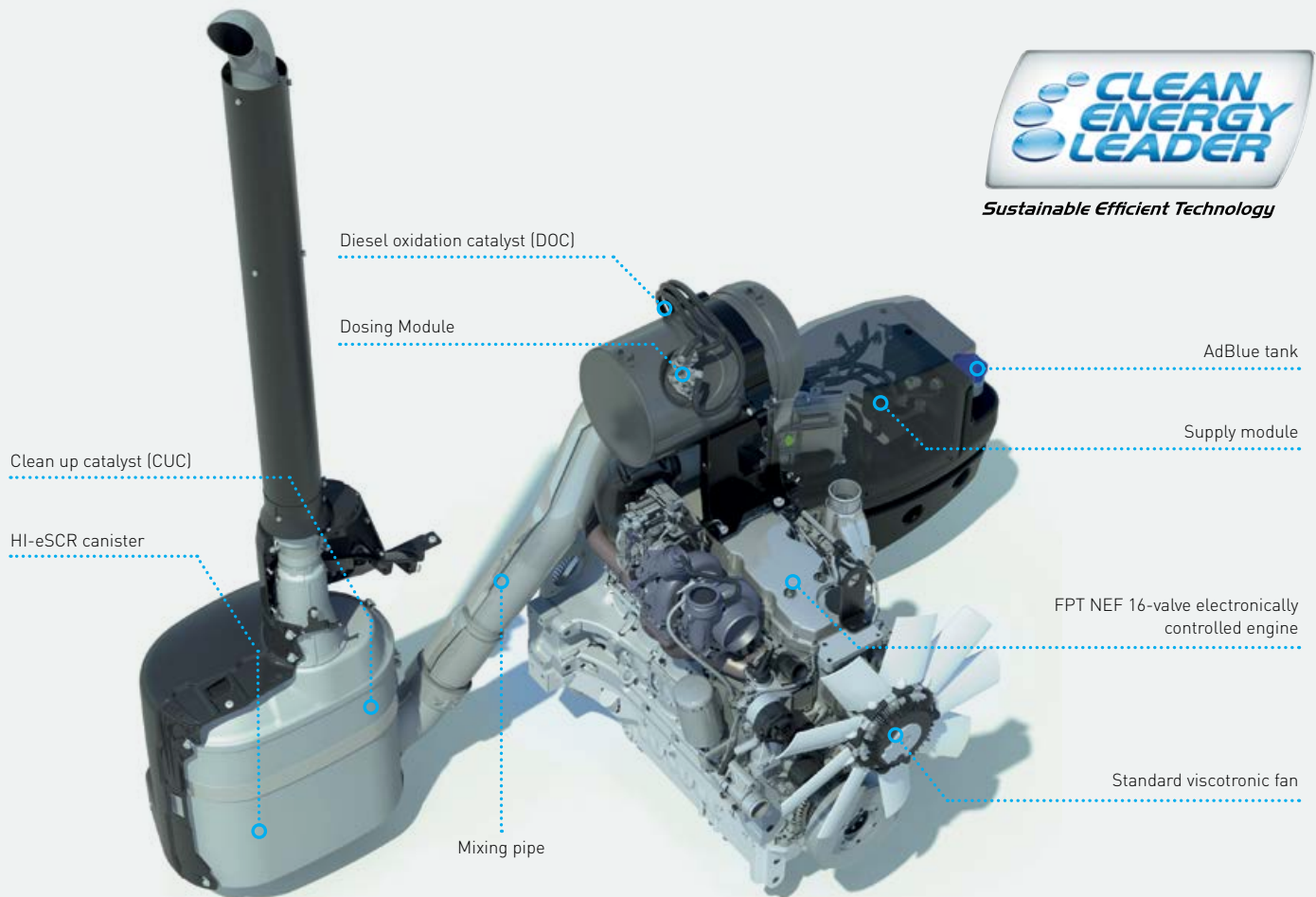
PLM Connect enables you to connect to your T6 from the comfort of your office through the utilization of the mobile network. You can stay in touch with your machines at all times, and you can even send and receive real-time information that saves time and enhances productivity. PLM Connect Essential offers the most frequently used features, or upgrade to the PLM Connect Professional package for full machine monitoring and control. It's the easy way to reduce your fuel bills and improve fleet management and security in one simple package.

# Powerful, responsive and efficient.

T6 tractors are powered by ECOBlue™ HI-eSCR (High Efficiency Selective Catalytic Reduction) engines developed by New Holland's engine development partner Fiat Powertrain Technologies (FPT). These engines, which comply with the even more stringent Tier 4B emissions standards, give you power without compromise.

## Five models with tailored productivity

The five-model T6 Series line guarantees high productivity for all farming operations. With rated powers that span from 116 to 145 horsepower, and with up to an additional 34 horsepower on tap with Engine Power Management (EPM), your T6 tackles even the most demanding tasks.



**ECOBBlue™ HI-eSCR**

## ECOBBlue™ HI-eSCR explained

An evolution of the existing ECOBlue™ SCR system, New Holland ECOBlue HI-eSCR technology is an after-treatment system allowing the engine to breathe clean, fresh air to optimize combustion, torque rise and fuel efficiency. It also provides the highest NOx (Nitrogen oxide) conversion efficiency in the industry.

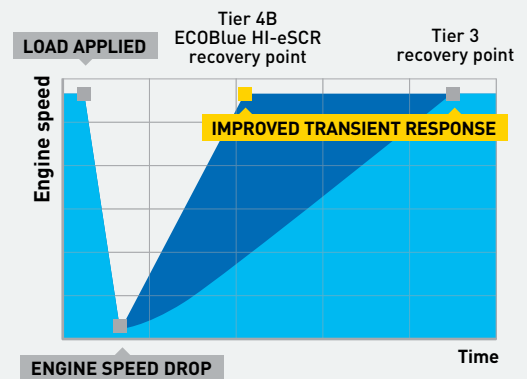
This multi-patented system uses a dedicated closed loop system to continuously monitor the NOx levels in the exhaust gases, ensuring that during every cycle the precise amount of AdBlue® is injected to achieve NOx conversion of over 95%, all while guaranteeing low fluid consumption.

## Torque rise and response that outperforms previous T6 models

T6 Tier-4B-certified engines have some impressive numbers—numbers that not only look good on paper, they translate into increased lugging power and efficiency. T6 engines achieve better performance by maximizing power output from each cylinder. The new engine control unit brings the engine to maximum torque more quickly and holds through the lower RPM longer to outperform former T6 Series engines.

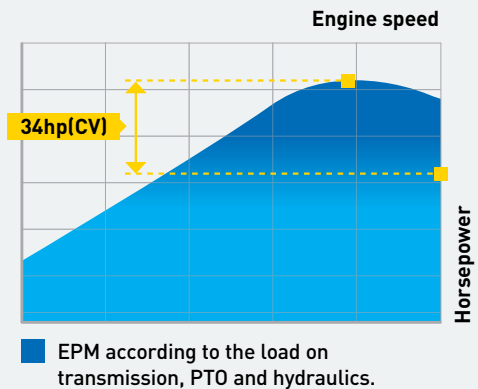
## The importance of transient response

Transient response is your productivity guarantee. Put simply, since your T6 engine breathes only clean fresh air, with no exhaust gas recirculation, it can react even quicker when placed under load—a lot more quickly in fact—so when you're transporting fully loaded trailers or grain carts and you encounter a hill, you'll be able to maintain constant forward speed with no slow down.



## Engine Power Management (EPM) with power boost

T6 engines deliver extra horsepower when under load—a boost above rated horsepower—to get you through tough conditions. On a T6.165 tractor, EPM will deliver up to 34 horsepower extra, but only when it is needed, to maintain performance.



## Constant rpm with engine speed management

In applications where a constant PTO speed is required, just select Engine Speed Management to ensure the speed is maintained even under changing loads. In many applications, this allows you to maintain a fixed forward speed in difficult terrain.

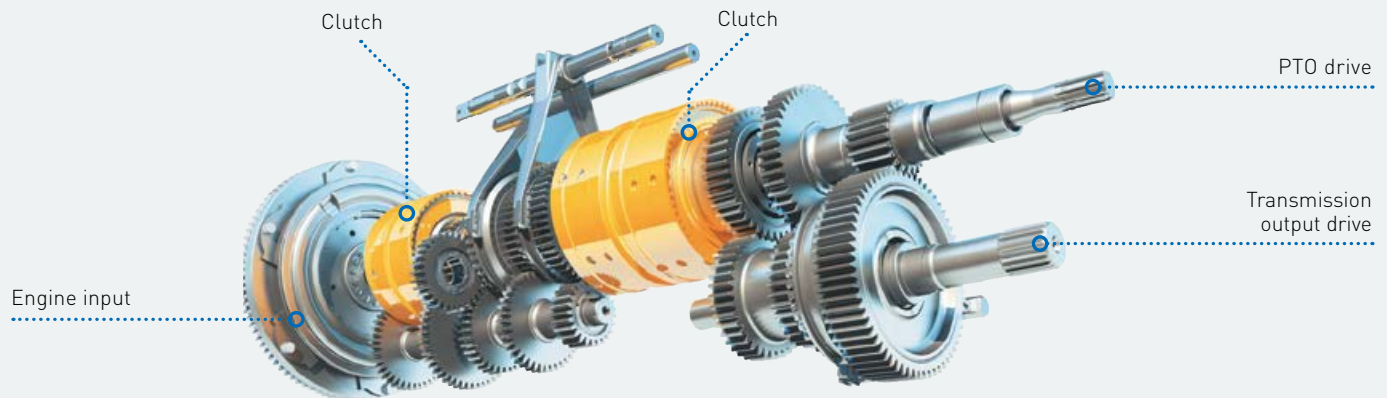
## The same total fluid consumption

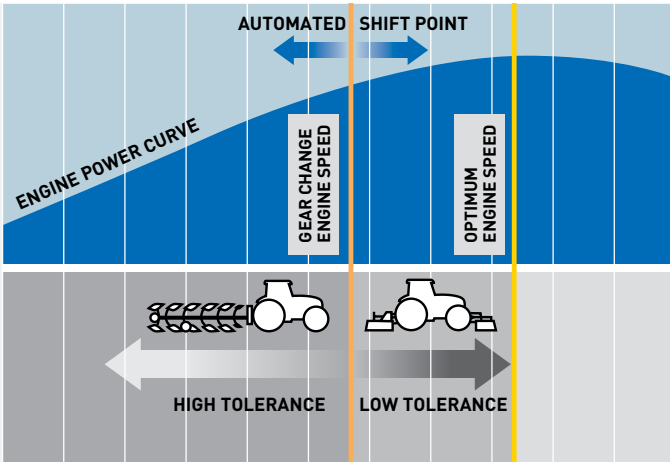
Even with increases in horsepower, torque and lugging ability compared to previous T6 models, fluid use (fuel and DEP) remain unchanged.

# Select the transmission geared for you.

New Holland knows that every farm has different requirements, and that intelligent innovation also means offering tried and tested solutions to improve efficiency. The Electro Command™ semi powershift transmission offers clutchless gear changes to reduce fatigue, and gear shifting is taken care of for you with the auto mode on transmissions with AutoShift™. If you put a lot of road mileage on your tractor, choose the 31-mph [50-kph] transmission to speed up your travel between fields or jobs. Or, select the Economy transmission that operates at reduced engine speed to further enhance your fuel economy.

- 16x16 Electro Command semi-powershift, 25 mph (40 kph)
- 16x16 Electro Command semi-powershift with AutoShift, 25 mph (40 kph)
- 17x16 Electro Command Economy semi-powershift with AutoShift, 25 mph (40 kph)
- 17x16 Electro Command Fast Mover semi-powershift with AutoShift, 31 mph (50 kph)\*
- 32x32 Electro Command semi-powershift with AutoShift and Creeper, 25 mph (40 kph)





### Auto modes for comfort and productivity

Easy to set up and truly effective, Auto Transport and Auto Field modes can really reduce the effort required to operate a T6 tractor over a long working day. With Auto Transport, the tractor shifts seamlessly like an automatic vehicle. Auto Field mode manages both the engine speed and transmission to optimize performance and economy. In PTO applications, where a constant engine speed is the priority, the system will select the transmission ratio to match the load on the engine. In draft applications, engine speed is allowed to drop to fully exploit the available torque rise before selecting a lower ratio under load. conversion of over 95%, all while guaranteeing low fluid consumption.



### Electro Command™

Electro Command tractors with mechanical mid-mount valves have the tried and true standard control arrangement which includes powershift control buttons on the range shift handle as well as on the console for operator convenience.



### Efficient multi-function handle

You can now specify an ergonomic seat armrest-mounted multi-function handle that falls perfectly to hand and is ideal for operators who frequently change gears. The multi-function handle is standard on all T6 models with the exception of tractors equipped with mechanical mid-mount valve.



### Ergonomic power shuttle

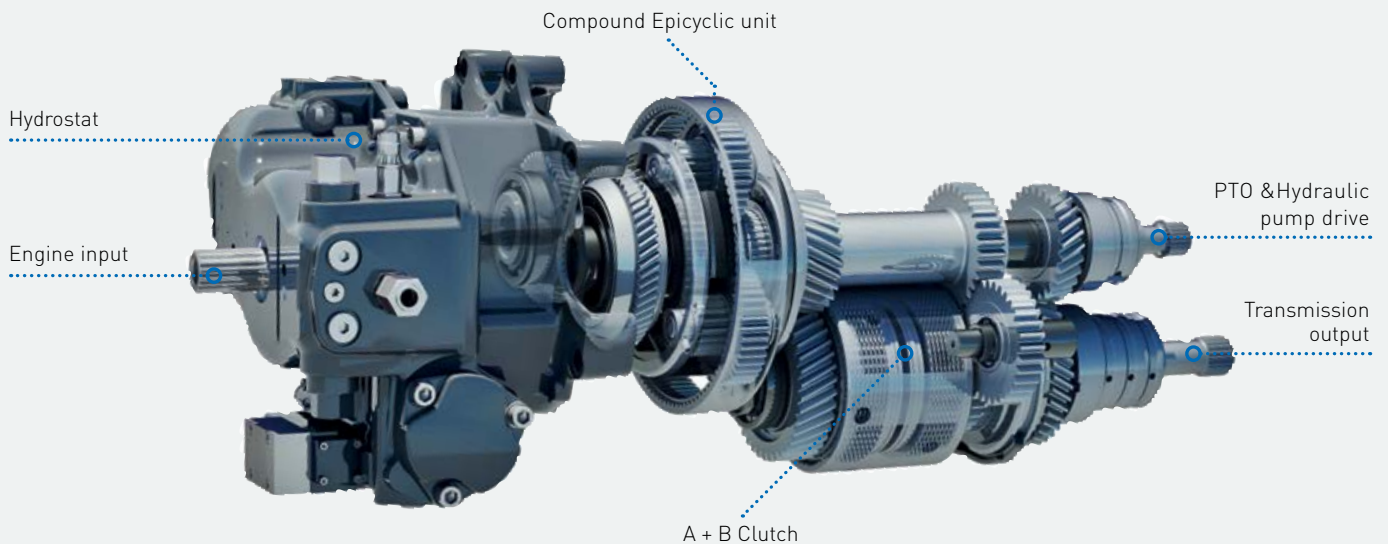
You can operate the convenient, column-mounted electro hydraulic power shuttle without taking your hand off the wheel for increased safety during loader work. You can even regulate the shuttle aggressiveness setting with an ergonomically positioned switch. Select soft for general field work, standard for daily tasks and the aggressive position for near instantaneous direction changes during loader work. You can even change the setting while on the move.

### Memory shuttle

The Electro Command features an innovative memory shuttle system that saves you money, and speeds up cycle times. First, select the ratio you need in forward, shuttle and then shift to your desired reverse ratio. From now on, the tractor will automatically shuttle between your chosen forward and reverse gears. Simple.

# Efficient Auto Command™ transmission offers advanced New Holland features.

Designed and built by New Holland, the Auto Command™ transmission is available on the T6.145, T6.165 and T6.175 models. This Continuously Variable Transmission (CVT) benefits from multiple direct drive points with 100% mechanical efficiency which have been precision engineered to ensure that they perfectly match the most frequently used speeds during field operation. Advanced double clutch control further enhances efficiency. Quite simply, it is the smoothest, easiest to operate, and most productive CVT around.



Force-based movement enables the operator to change speed and direction. On the SideWinder™ control console, there is a switch to alter the response of the speed change. Forward speed can also be controlled using the foot pedal.

Target speed adjustment – set a target speed to match your exact needs. Perfect when moving between fields or when crop yields have changed.

Target speed selection – allows you to move between three adjustable target speeds.

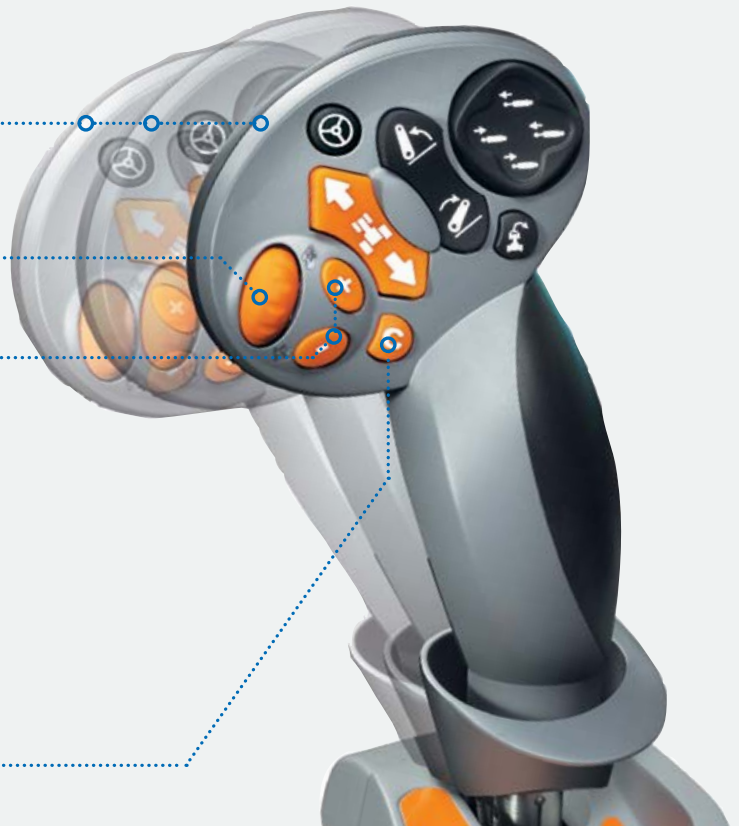
#### 4 driving modes to suit your driving style:

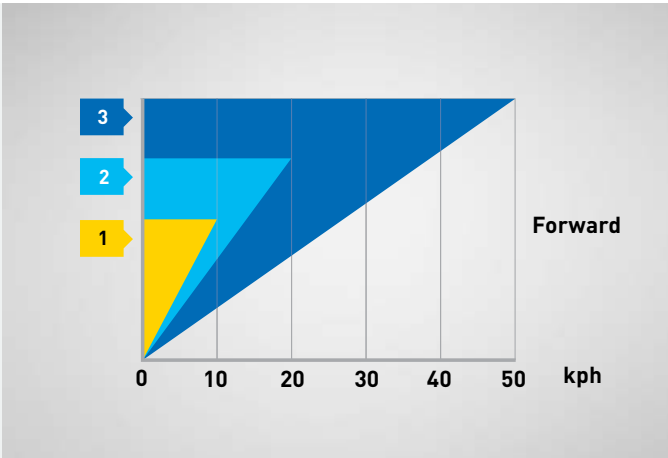
**Auto Mode.** Select the desired target speed and Auto Command will match the engine and transmission to maintain it.

**Cruise Mode.** Once a desired operating speed has been achieved, use Cruise Mode to set the transmission to maintain the speed for economy and productivity.

**Manual Mode.** Allows the operator to manually control the required engine and forward speed.

**PTO mode.** As soon as the PTO is engaged, Auto Command will operate to guarantee a constant engine speed.





### A speed for every need

Auto Command allows the operator to set a target speed between 0 and 25 mph (40 kph), or 31 mph (50 kph) on the optional transmission, and regulate it to the nearest .06 mph (0.01 kph). No steps. No range changes. Just seamless speed to match your every need.



### Go with the flow—optimum performance with balers, mowers, snow blowers and more

Since Auto Command™ CVT provides you with infinite speed control, you get optimum performance with balers, mower-conditioners, snow blowers and other material flow implements.

### Tailored transmission settings

The multi-award winning Auto Command™ continuously variable transmission now features a three-stage acceleration and deceleration setting. The 'soft' setting is suitable for gentle direction changes, perfect during high speed transport or when working on slippery surfaces. The standard setting has been designed for normal field activities. The super-fast aggressive setting is ideal when near instantaneous direction changes are required.



### Fast direction changes

Changing direction is simple with Auto Command. You can either move the CommandGrip™ handle, use the power shuttle switch on the CommandGrip™ handle or use the steering column mounted shuttle lever.



### Balancing fuel economy and productivity

When working in Auto and Cruise modes, use the droop control button, situated to the right of the operator, to reduce the engine speed at which maximum forward speed is obtained. The result: you reach 31 mph (50 kph) at much lower engine RPM, saving you fuel. In PTO mode, regulate the acceptable reduction in PTO speed before forward speed is reduced. Perfect during tillage in fields of uneven soil types with areas of compaction.

# Greater maneuverability and improved traction.

New Holland's selection of axles is engineered to perfectly match your requirements. All T6 tractors can be specified with structurally light but strong front axles that allow you to get the full productivity of a front loader or front three-point hitch. The overall maximum gross vehicle weight of 20,944 pounds on all models optimizes traction and means you've got even more flexibility when using heavy mounted implements or when ballasting. SuperSteer™ axles, when combined with the fully automated headland turn sequencing functionality, enhance maneuverability and save you time on every headland. All models benefit from a long wheelbase as well as a short turning radius—the best of both worlds! The long wheelbase—from 104 to 110 inches—ensures a smooth ride and stable traction. The short, 169- to 181-inch turning allows for sharp turning and ultimate maneuverability that increases productivity. All T6's come with a robust 10.8-inch flanged rear axle as standard. For operations looking for ultimate flexibility, a 98-inch bar axle is also available.

## T6 Series Tier 4B Mid-Range Tractors-MY 2016

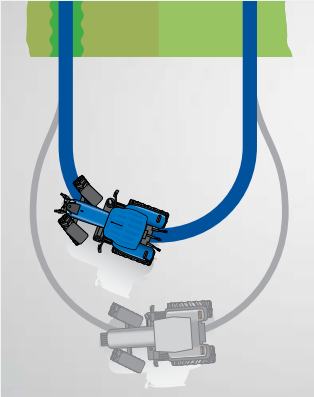
Maneuverability – Improving Productivity

### Longer wheelbase for all models

- Improved traction stability
- Sharp 15.1' turning radius (standard 4WD axle); 55-degree turn angle
- 14' turning radius with SuperSteer, 65-degree turn angle

Wheelbase - Tier 4B versus Tier 4A			
T6 Series APH	Tier 4B	4 Cyl. Tier 4A	6 Cyl. Tier 4A
Standard FWD	104"	94"	103.4"
Suspended FWD	105.7"	96"	105.5"
SuperSteer™ FWD	109.8"	99.7"	109.2"



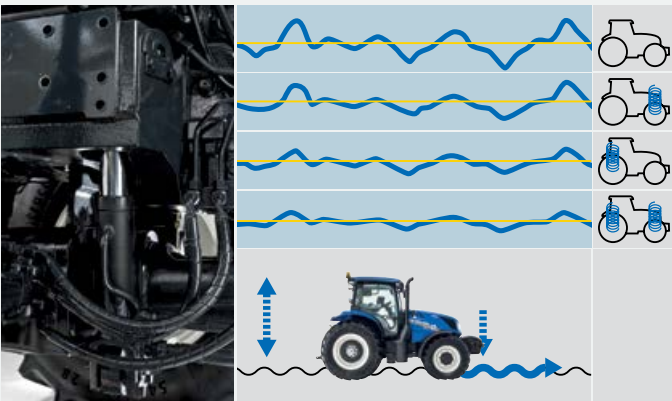


### Less time turning boosts your output

New Holland leads the field in turning performance. Want the tightest turns? Then choose the SuperSteer™ front axle. It extends wheelbase to 110 inches and increases turn angle from the standard 55 degrees to 65 degrees to give you greater agility by decreasing headland turn time by 35%.

### Terralock™ Automatic Traction Management

New Holland's renowned Terralock™ solution is simple to set-up and operate. It automatically manages the engagement of drive to the front axle, locking both the front and rear differentials when needed, and disengages automatically for tighter turns.



### Terraglide™: your comfort and stability partner

For increased productivity in the field and maximum comfort at high transport speeds, choose the Terraglide™ front axle suspension system. It offers a longer 106-inch wheelbase plus up to four inches of travel, for better stability, control and drawbar pull. Not only does it cushion the operator from shocks when travelling over uneven surfaces, the system maintains contact between the tire and the ground to improve traction. It also features anti-dive and anti-squat logic which prevents excessive suspension movement when lifting heavy three-point hitch implements. The integrated Comfort Ride™ Cab suspension provides up to a 25% reduction in shock loads reaching the operator. The result? Less fatigue over long working days, as whole body movements are significantly reduced.



### Stopping performance

The T6 ensures you safely come to a halt, since four-wheel drive automatically engages when braking to increase safety. The standard heavy-duty brakes offer impressive stopping performance.

# Productivity and flexibility guaranteed.

New Holland knows that full integration is far better than something that has been tacked on as an afterthought. That is why the T6 was designed with a front loader and front three-point hitch in mind. The T6 is fully compatible with New Holland 845TL and 855TL front loaders. They are the perfect productivity combination. You no longer have to choose between front loader or front hitch. With the T6 you can have both. And, you get a perfect view to the loader at full extension from the comfort of your seat thanks to the optional high-visibility, transparent roof panel.



## Rear three-point hitch

The maximum lift capacity, depending on the tractor package, is a massive 11,650 lbs. (OECD, 24" behind the lower lift link balls, through the range of motion). The rear linkage and hydraulics are designed to work with heavy mounted equipment over extended periods. The system also incorporates integral dynamic ride control shock load protection. This will reduce bounce when travelling with a heavy linkage load at transport speeds. Fender mounted controls for the rear linkage, a rear remote and the PTO are available.



## The perfect fit: front linkage and PTO

T6 tractors are designed to incorporate a fully integrated, factory-fitted, front three-point hitch and PTO. You can access all linkage and PTO controls either from the comfort of the cab, or using the controls conveniently positioned on the hitch itself. Designed specifically for T6 tractors, the hitch lifts up to 6,834 pounds. SuperSteer™ models maintain their super-tight turning since the front linkage follows the turning angle of the front axle. Linkage arms can be folded when not in use, or can be used to carry the new mono block front weight pack.



### Long, strong, productive

800TL loader specifications are rather impressive. A maximum lift height of up to 14 feet and lift capacities up to 6,592 pounds (at 59" height, at bucket pivot pin) mean that no task is too big or too small. The numbers speak for themselves. But there's more. Hydraulic lines have been integrated into the loader frame to significantly improve forward visibility for precision operation and to prevent potential snagging when operating in tight areas.

### FOPS: your safety partner

New Holland offers you the ultimate in loader peace of mind. T6 tractors are fully FOPS (falling object protection system) compliant to guard against injury from falling objects.

Front end loader model		825TL		835TL	
Tractor		T6 Series Tier 4B			
NSL - None Self-leveling / MSL - Mechanical Self-leveling		NSL	MSL	NSL	MSL
Maximum lift height to pivot pin	in. (mm)	159.1 (4040)	159.1 (4040)	168.9 (4290)	168.9 (4290)
Clearance with bucket dumped	in. (mm)	121.3 (3080)	121.3 (3080)	130.7 (3320)	130.7 (3320)
Reach at maximum lift height	in. (mm)	35.4 (900)	35.4 (900)	30.7 (780)	30.7 (780)
Maximum dump angle	degree	57	57	51	51
Reach with bucket on ground	in. (mm)	103.5 (2630)	103.5 (2630)	107.1 (2720)	107.1 (2720)
Maximum rollback angle	degree	43	43	43	43
Digging depth	in. (mm)	4.3 (110)	4.3 (110)	3.5 (90)	3.5 (90)
Lift capacity to maximum height, 31.5" forward of the pivot pin	lbs. (kg)	4012 (1820)	4762 (2160)	4828 (2190)	5820 (2640)
Breakout force, 31.5" forward of the pivot pin	lbs. (kg)	4211 (1910)	5445 (2470)	4806 (2180)	6063 (2750)

## Hydraulic power and PTO flexibility.

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Have you ever thought about just how much hydraulic flow you actually need? All Value models are fitted with the traditional fixed displacement hydraulic pump as standard. Delivering 21.1-gallons per minute (gpm), the system is more than sufficient for the majority of farming applications. An optional 29.9-gpm closed-center load-sensing (CCLS) pump is available on Plus and Elite models that will power even the most demanding implements. For the most demanding hydraulic needs, Auto Command™ models offer an impressive 33.5 -gpm CCLS system. New Holland has engineered its CCLS systems to operate at peak efficiency, so full hydraulic power is always available at the remote valves and 3-point linkage, but only as much as is needed. The result? Reduced fuel consumption. Regardless of how hard your Electro Command tractor is working, the steering will always remain light and easy to use, and loader cycle times remain uncompromised thanks to a separate 12.4-gpm service pump or optional 17.2-gpm pump when fitted with Class 4 front axle.



### Remote valves

Your T6 tractor can be specified with up to four electronic or mechanical rear remote valves. Also available are up to three mid-mount remote valves to operate the front linkage or a loader. They are controlled via an ergonomic, fully integrated joystick in the cab.



### Even easier hydraulic connection

The hydraulic valve blocks at the rear of the tractor have been split in two to make it even easier when connecting hydraulic lines. The block on the left controls two sets of remotes and the block on the right controls two sets of remotes. In addition a fifth spool diverter and power beyond are also available.



### Direct drive for fuel efficiency

The T6 driveline is designed for optimum power transmission efficiency. All T6 tractors are fitted with a direct drive PTO to minimize power loss between the engine and the implement. The PTO is engaged via a push-pull control, with advanced Soft Start management. This modulates engagement of high-inertia attachments to protect the driveline. The independent PTO comes in 540 rpm or 1000 rpm with a reversible PTO shaft.



### Electronic draft control

A single raise/lower switch makes it simple to lift and return an implement to work during a headland turn. New Holland's ergonomic mouse is positioned just to your right, exactly where you need it, giving you ultimate precision. To fine-tune the system you can use the intuitive controls that are found underneath the armrest.



### Headland turn sequencing II: hassle free repeatability

HTS II is available on models fitted with electro hydraulic remotes. This intuitive system means you can easily record and store all implement sequences and operations at the headland. These can then be played back at the touch of a button. Simple, and a great way to improve repeatability and efficiency and to reduce fatigue when working over extended periods. The headland turn sequencing is standard with the Elite and Auto Command models.

# 360° access for easy maintenance.

The T6 tractor line has been designed to spend more time working and less time for maintenance. All service points are easy to access, and super-long service intervals mean T6 tractors spend more time in their natural environment: the field!

Single-piece, engine hood opens wide for full service access.

Top off the windshield washing fluid through the rear window.

The engine air filter is easy to check, clean or replace, with no need for tools.

Change the cab filter easily.

Hydraulic oil levels can be viewed via a sight glass at the rear of the tractor.

Engine oil check and fill points are easy to reach, with no need to lift the hood. This makes routine checks faster and servicing simpler. You will also still be able to enjoy the long 600-hour service intervals that you've come to expect of New Holland.

Cooling package opens so all coolers can be accessed for cleaning.

The 10.4-gallon AdBlue® tank's filler neck is narrower than that of the standard fuel tank, which prevents inadvertent filling with fuel.

For a longer time between fueling, you can augment the ample 52.2-gallon fuel tank with a new auxiliary modular fuel tank that expands fuel capacity to 58.6 gallons—enough fuel for those long days.

## Dealer Installed Accessories

A comprehensive range of approved accessories to optimize machine performance in all conditions can be supplied and fitted by your dealer.



MODELS		T6.145	T6.155	T6.165	T6.175	T6.180
<b>Power</b>						
Engine Type		Turbo Diesel with High Pressure Common Rail with Electronic Fuel Delivery Control				
Make / Model		Fiat Powertrain Technology (FPT) NEF				
# of Engine Cylinders		4	4	4	4	6
Displacement	cu. in. (L)	274 [4.5]	274 [4.5]	274 [4.5]	274 [4.5]	411 [6.7]
Valves per Cylinder		4	4	4	4	4
Rated Engine Speed	rpm	2200	2200	2200	2200	2200
Aspiration		Turbo Charger with Air-to-Air Intercooled				
Max Boosted Engine HP		145	155	169	175	175
Rated Engine HP		116	125	135	145	145
PTO HP		95	105	110	120	125
Engine Speed at PTO Speed	540/1000	1969 / 1893	1969 / 1893	1969 / 1893	1969 / 1893	1969 / 1893
Emissions Certification		Tier 4B/Final	Tier 4B/Final	Tier 4B/Final	Tier 4B/Final	Tier 4B/Final
Tier 4B Emissions System		ECObLue™ HI-eSCR System (Selective Catalytic Reduction; After Treatment only)				
Diesel Fuel Tank Capacity	gal. (L)	Standard Tank - 52.2 Gal (197.2), with Auxiliary Tank - 58.6 Gal (222)				
DEF (AdBlue®) Tank Capacity	gal. (L)	10.4 Gal (39.5)	10.4 Gal (39.5)	10.4 Gal (39.5)	10.4 Gal (39.5)	10.4 Gal (39.5)
Service Interval	eng. hours	600	600	600	600	600
<b>Electrical</b>						
Alternator		120 Amp Std. Value & Plus, 150 Amp Std. Elite and Auto Command with 200 Amp Opt.				
Battery		1300 CCA	1300 CCA	1300 CCA	1300 CCA	1300 CCA
ISO BUS Class 2 (Optional with Plus and Elite, Standard on AC)		○	○	○	○	○
ISO BUS Class 3 (Optional on Auto Command Tractors only)		○	-	○	○	-
<b>Transmission</b>						
Standard- Semi-Power Shift	mph (kph)	16X16 Electro Command™ - 1.41-25 (2.27-40)				
Option 1 - with Creeper Gear	mph (kph)	32X32 Electro Command™, Creeper - 0.12-25 (.19-40)				
Option 2 - with AutoShift	mph (kph)	16X16 Electro Command™ with AutoShift - 1.41-25 (2.27-40)				
Option 3 - Economy	mph (kph)	17X16 Electro Command™ with AutoShift - 1.67-25 (2.68-40)				
Option 4 - Fast Mover	mph (kph)	17X16 Electro Command™ with AutoShift - 1.67-31 (2.68-50)				
Standard Auto Command™ CVT	mph (kph)	0.01-25 (.01-40)	-	0.01-25 (.01-40)	0.01-25 (.01-40)	-
Optional Auto Command™ CVT	mph (kph)	0.01-31 (.01-50)	-	0.01-31 (.01-50)	0.01-31 (.01-50)	-
<b>3 Point hitch</b>						
Standard Lift Capacity - 80mm rams with 21.1 gpm fixed pump (Value)	lbs. (kg)	8,338 [3782]	8,338 [3782]	8,338 [3782]	8,338 [3782]	8,338 [3782]
Standard Lift Capacity - 80mm rams with 33.5 gpm CCLS pump (AC)	lbs. (kg)	9,214 [4179]	9,214 [4179]	9,214 [4179]	9,214 [4179]	9,214 [4179]
Optional Lift Capacity - 90mm rams with 29.9/33.5 gpm CCLS pump (Plus, Elite, AC)	lbs. (kg)	11,649 [5284]	11,649 [5284]	11,649 [5284]	11,649 [5284]	11,649 [5284]
<b>Hydraulics</b>						
Fixed Displacement Implement Pump Flow - Value	gpm (l/m)	21.1 [80]	21.1 [80]	21.1 [80]	21.1 [80]	21.1 [80]
Steering Pump Flow	gpm (l/m)	12.4 Gal/Min. [47]	12.4 Gal/Min. [47]	12.4 Gal/Min. [47]	12.4 Gal/Min. [47]	12.4 Gal/Min. [47]
CCLS Hydraulic Implement Pump Flow- Plus & Elite	gpm (l/m)	29.9 Gal/Min. [113]	29.9 Gal/Min. [113]	29.9 Gal/Min. [113]	29.9 Gal/Min. [113]	29.9 Gal/Min. [113]
CCLS Hydraulic Implement Pump Flow- Auto Command	gpm (l/m)	33.5 Gal/Min. [127]	33.5 Gal/Min. [127]	33.5 Gal/Min. [127]	33.5 Gal/Min. [127]	33.5 Gal/Min. [127]
Deluxe Rear Remote Options (N/A for Auto Command™)		2 Mechanical Remotes Standard with 3 and 4 remotes Optional				
Electro Hydraulic Rear Remote Options		3 Electro Hydraulic Remotes Standard on AC with 3 & 4 Optional on Elite, 4 on AC				
Mid-Mount Valve Options		2 or 3 Mechanical or 2 or 3 Electronic				
<b>Front axles</b>						
Axle Class		3 & 4				
Option 1		Standard Front Axle				
Option 2		Suspended Front Axle				
Option 3		Supersteer™ Front Axle				
<b>Weight*</b>						
Shipping Weight (Typical Weight, less ballast, Cab 4WD):						
Minimum	lbs. (kg)	10,560 [4790]	10,560 [4790]	10,560 [4790]	10,604 [4810]	10,979 [4980]
Average	lbs. (kg)	11,376 [5160]	11,376 [5160]	11,376 [5160]	112,555 [5695]	12,831 [5820]
Maximum	lbs. (kg)	12,513 [5676]	12,513 [5676]	12,513 [5676]	115,245 [6915]	15,245 [6915]
Maximum Gross Vehicle Weight	lbs. (kg)	20,944 [9500]	20,944 [9500]	20,944 [9500]	120,944 [9500]	20,944 [9500]
<b>Dimensions**</b>						
Overall Length	in. (mm)	Standard Front Axle - 179" [4547], Suspended FWD - 179.4" [4556], SuperSteer - 183.3" [4655]				
FWD Wheelbase	in. (mm)	Standard FWD - 104" [2642], Suspended FWD - 105.7" [2684], SuperSteer FWD - 109.8" [2788]				
Height, Top of Cab	in. (mm)	High Roof - 115.2" [2925], Low Roof - 110.5" [2712]				
Height, Top of Exhaust	in. (mm)	High Roof - 114.8" [2915], Low Roof - 109.1" [2770]				

○ Optional - Not available \* Weights are for a variety of specifications, wheels weights and front weights have been excluded. \*\* Dimensions shown are with 18.4R38 rear tires.

Biodiesel blend must fully comply with the latest fuel specification EN14214:2009 and operation is in accordance with operator manual guidelines.



# VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers.

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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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