

GENESIS® T8 SERIES WITH PLM INTELLIGENCE™

250 to 396 rated HP



PLM
NEW HOLLAND INTELLIGENCE

In the history of high-horsepower tractors, GENESIS® has made a name for itself.

You might say the New Holland GENESIS® tractor has left its mark on a generation of farmers. Its history is one of groundbreaking performance and integrated technology, all purpose-built to put operators in greater and more intuitive control of the work at hand.

The result? Innovation has never been more practical in so many applications or more productive for you from day one. Today's GENESIS T8 Series with PLM Intelligence™ holds true to that tradition.

PLM
NEW HOLLAND INTELLIGENCE



Not just any tractor — it's a GENESIS®

The launch of the GENESIS® tractor in 1993 redefined what a tractor was meant to be. Relying on customer input, New Holland built and delivered the GENESIS to overcome specific customer challenges, providing what we promoted at the time as **More Raw Power** and **Cab Comfort, Tighter Steering,** and **Converting Engine Power to Field Power.** These innovations were all industry firsts, forcing competitors to rethink their own tractor designs and focus more on satisfying customers and delivering higher productivity. There is no question that the GENESIS was a superior tractor then, and it's a superior tractor today as the GENESIS® T8 with PLM Intelligence™. In name, legacy and performance, it continues to help farmers maximize their efficiency and productivity.



GENESIS® T8 with PLM Intelligence™ maximizes your productivity:

- **Redesigned cab and controls**, including the most functional and customizable armrest you'll find, add new levels of comfort and convenience to your long and hectic days.
- **Wheeled or half-track SmartTrax™ models** let you dial in the flotation, traction and ride quality your operation needs.
- **The latest New Holland precision farming technology** with remote viewing capability is equipped on all models. So whatever the challenge or wherever you happen to be, you'll remain fully connected to your farm, fleet and data.

Ready to make history? See your New Holland dealer to learn more about a GENESIS T8 with PLM Intelligence.

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See all the ways this history-making tractor increases your productivity and keeps you connected.

Maximum productivity — precisely what you need in a row-crop tractor.

Power and its delivery. It's what sets a high-horsepower tractor apart.

On the power side of the equation, every GENESIS® T8 Series with PLM Intelligence™ features the strong, efficient 8.7-liter Cursor 9 engine from FPT Industrial in configurations from 250 to 396 rated horsepower. Innovative ECOBlue™ HI-eSCR after-treatment technology eliminates maintenance headaches and minimizes your operating costs. Long 600-hour service intervals keep you up and running. Five models from 250 to 396 engine hp.

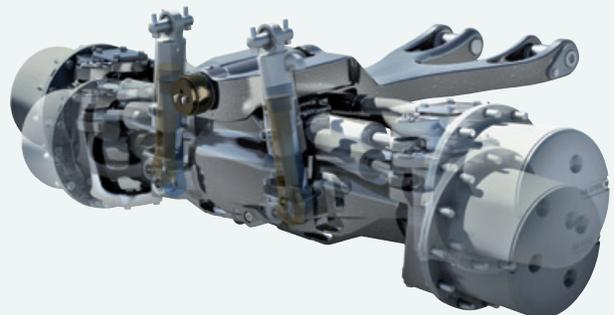




The longest wheelbase in this horsepower class — up to 140 inches — means greater stability at high transport speeds, easier ballasting, and more traction in heavy drawbar work. And a wheeled GENESIS T8 is as maneuverable as it is stable — its turning radius is just over 16 feet.

As for delivering that reliable power, you can choose the Ultra Command™ full-powershift in 18, 19 or 21 speeds, or select the Auto Command™ continuously variable transmission with its four direct-drive points with 100% mechanical efficiency. Ask around — without question it's the smoothest, most productive CVT on the market.

The **Terraglide™** front axle suspension reduces shock loads and improves traction by maintaining contact between the tires and the ground. The optional semi-active Comfort Ride™ cab suspension with its network of sensors ensures a smooth ride.



Half-track means a whole range of performance.

GENESIS® T8 Series models with SmartTrax™ rubber tracks are a key advance in conventional tractor design, combining the in-field advantages of a wheeled tractor with the flotation and traction benefits of a tracked machine. With SmartTrax, ground contact area is up to 325% greater than a tire for better traction.

Blue Power edition shown. See more details on this exclusive model on pages 8-9.



7-8 lug positive engagement with drive wheel

3 idler bogies with rubber suspension mounts

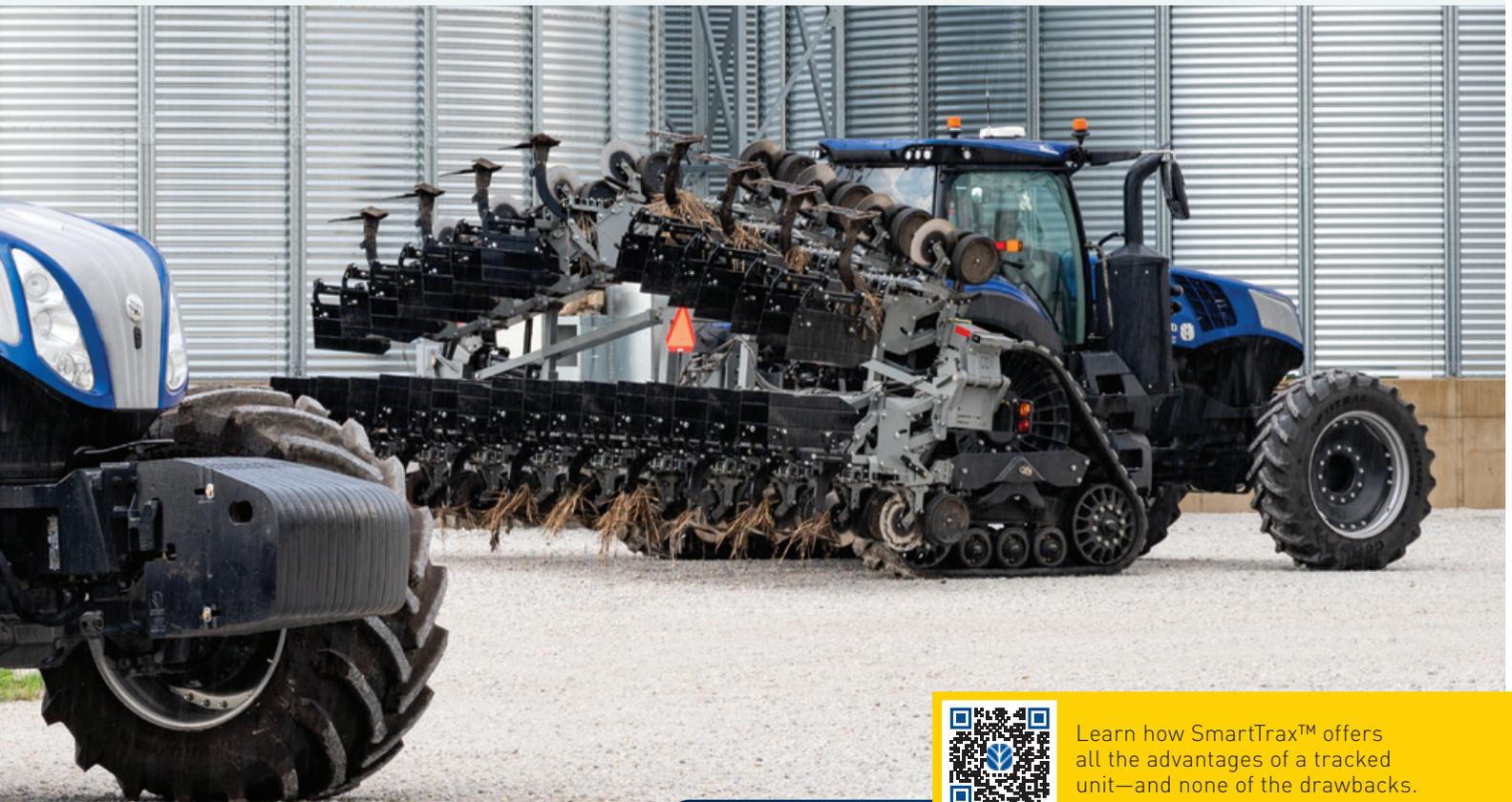
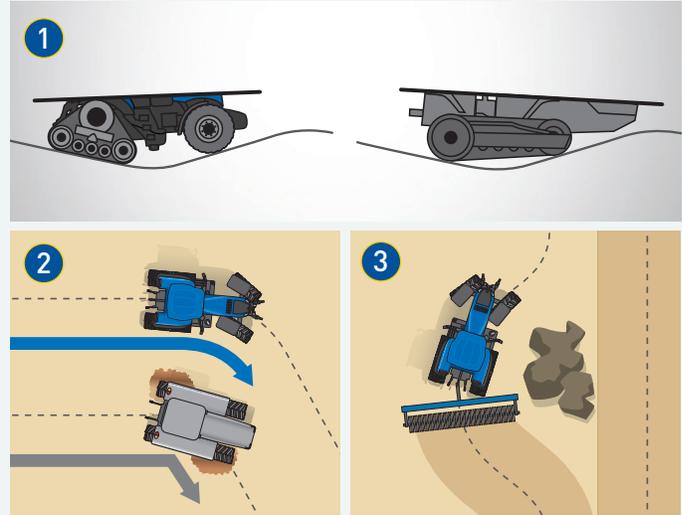
Clear bearing caps to view oil level

Automatic hydraulic track-tensioning system

Ductile cast iron drive wheel

The advantages add up:

- 1 Over uneven terrain, SmartTrax tracks articulate to follow the ground and maintain contact with it.
- 2 Powered front wheels deliver the agility of a conventional tractor while the Terralock™ differential lock management system ensures the tractor stays on-line, without snaking in slippery patches like twin-track machines.
- 3 On headlands, SmartTrax allows full power throughout the turn and can even turn tighter without creating a berm and damaging soil.



Learn how SmartTrax™ offers all the advantages of a tracked unit—and none of the drawbacks.

SmartTrax can be fitted with tracks of 16, 18, 21, 24 and 30-inch widths, so from row crop to broad acre farming, there's a SmartTrax option for your needs. Track settings range from 76 up to 152 inches, allowing use beyond row crop applications.

Blue Power: Exclusive edition, exclusive emotion.

The Blue Power model was developed for agribusinesses that value the ultimate in premium performance, cutting-edge technology and comfort—not to mention stylish good looks. If you want your tractor to stand out in the field, the Blue Power GENESIS® T8 with PLM Intelligence™ is your answer.



Blue Power



Blue Power features include:

- Distinctive and eye-catching metallic midnight blue paint
- Chrome-colored grille
- Silver wheel rims
- Silver 3D decals
- Blue Power roof insignia
- Auto Comfort™ seat with stylish Blue Power insignia
- Blue Power-branded, black, thick-pile cab carpet
- Available on all GENESIS T8 Auto Command™ models



Sit down and get comfortable. It's easy to do.

It's where you spend most of your day, or night, so it had better be comfortable. And it is inside a GENESIS® T8 Series cab. Depending on the cab package (see page 12), three seats are available to provide exceptional comfort.



The **Dynamic Comfort™** seat boasts an enhanced low-frequency suspension mechanism. Stitched cushions, finished in a stylish cloth, feature two-stage heating for comfort in cold temperatures.

With automatic weight compensation, active suspension, heating and even a ventilation system that cools and removes moisture, the **Auto Comfort™** seat offers a premier seating experience. This all-leather seat looks great trimmed in blue and grey.

A standard, full-size upholstered instructor seat—cloth for Dynamic Command and leather for Auto Comfort—folds down to provide a work surface when not in use.





Watch how 17 precisely positioned vents provide ultimate comfort, no matter what the temperature is outside.

Four cab choices. Unlimited comfort and convenience.

A GENESIS® tractor can be ordered with the following cab packages:

- **Deluxe Technology Cab**
with passive cab suspension
- **Deluxe Technology Cab**
with semi-active cab suspension
- **Luxury Technology Cab**
with passive cab suspension
- **Luxury Technology Cab**
with semi-active cab suspension

See listing at right for features specific to Deluxe and Luxury packages.





Better visibility. Enhanced comfort. Customizable controls. Intuitive simplicity. They all come together in the GENESIS® T8 Series with PLM Intelligence™ cab, available in four configurations offering levels of comfort features, integrated technology and suspension to best suit your needs.

Deluxe Technology Cab

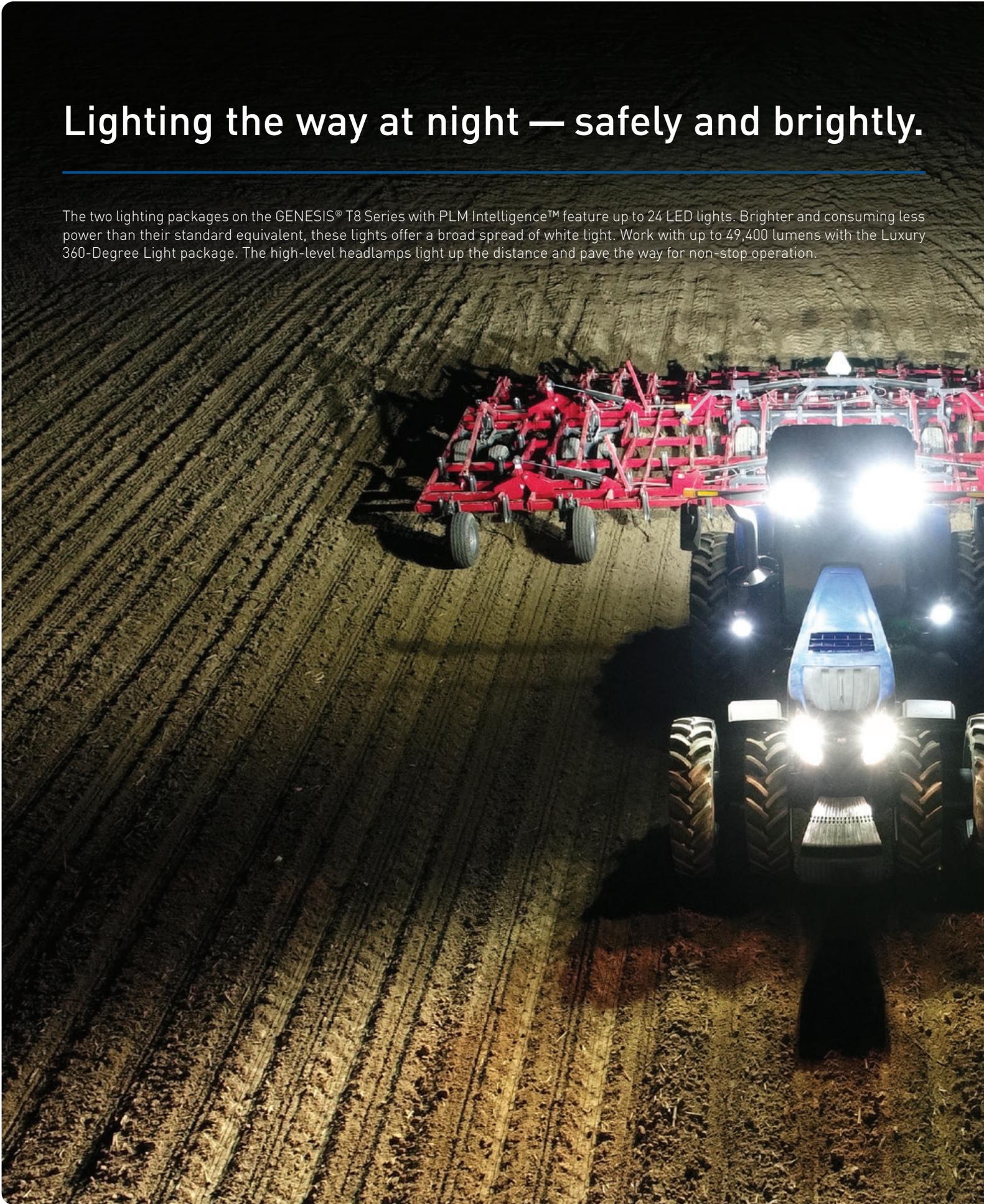
- Cloth seat—heated, semi-active suspension
- Cloth instructor seat
- Standard steering wheel
- Dual-tilt steering column
- Heated external mirrors with manual extension
- Performance radio—AM/FM, weather band, CD, Bluetooth, XM-ready with USB
- Luxury power ports
- Front and rear cameras
- Laminated front windshield
- Tinted rear windshield
- Sun visors—front, rear, right side
- Rubber floor mat

Luxury Technology Cab

- Leather seat—heated, ventilated, semi-active suspension
- Leather instructor seat
- Leather-wrapped steering wheel
- Dual-tilt steering column
- Heated external mirrors with electric extension and lefthand egress lighting
- Performance radio—AM/FM, weather band, CD, Bluetooth, XM-ready with USB
- Luxury power ports
- Ambient floor light around the seat
- Front and rear cameras
- Laminated front windshield
- Tinted rear windshield
- Sun visors—front, rear, right side
- Rubber floor mat and carpet insert

Lighting the way at night — safely and brightly.

The two lighting packages on the GENESIS® T8 Series with PLM Intelligence™ feature up to 24 LED lights. Brighter and consuming less power than their standard equivalent, these lights offer a broad spread of white light. Work with up to 49,400 lumens with the Luxury 360-Degree Light package. The high-level headlamps light up the distance and pave the way for non-stop operation.



Deluxe Light Package

Front hood HID work lights

Halogen road lights

2,000-lumen cab roof lights — 2 per corner

1,400-lumen beltline LED lights

5,000-lumen rear fender LED lights

Luxury 360-Degree Light Package

Front hood HID work lights

Halogen road lights

2,000-lumen cab roof lights — 3 in front cab corners, 4 in rear cab corners

2,500-lumen beltline LED lights

5,000-lumen rear fender LED lights

Fully adjustable lights

The optional 360° package includes an adjustable light at each corner of the cab. Customizable on-off lighting combinations are available and activated via two lighting memory switches that can turn on/off banks of lights — ideal when working alongside a combine harvester, for example.



SideWinder™ Ultra: the ultimate ergonomic farming experience.

The GENESIS® T8 Series with PLM Intelligence™ offers sophisticated features that are easy and intuitive to access via the SideWinder™ Ultra armrest, which houses all key controls, including throttle, transmission and hydraulics. We've made several buttons customizable to meet the job at hand and operator preference.

Fully customizable

In the IntelliView™ 12 monitor's standard operational layout, the screen is divided into four main areas:

- 1 Top bar allows the operator to access tractor and operation settings
- 2 Run screens are located on the bottom bar and are customizable and always accessible
- 3 The main part of the screen is composed of the user-selected run screens that show key parameters related to the task at hand
- 4 The left-hand side is another user-definable window that contains primary operating parameters such as fuel rate and slip

Front/rear linkage control selector

CommandGrip™ multi-function handle

Front and rear linkage controls



See the benefits of the IntelliView™ 12 monitor's large display and intuitive tablet-like functionality.





Watch this point-by-point guide to the key controls of the SideWinder™ Ultra armrest.

2 of 11 configurable buttons

Entertainment and climate controls

Configurable electro-hydraulic remote levers

front/rear linkage settings



All the power and performance you could ask for, delivered efficiently.

The power and torque of the 8.7-liter FPT Cursor 9 engine, paired with the Ultra Command™ full-powershift or Auto Command™ CVT transmission, offer you the right combination of performance for your requirements.

GENESIS® T8 Series engines deliver the most efficient transfer of boosted horsepower to maximize productivity, and their Single Stage Turbo (SST) offers quicker response and better low-end torque. With Engine Power Management, they develop more power and torque according to the load on the transmission—up to 71 extra horsepower are delivered when needed, based on the model.

Engines comply with Stage IV emissions standards thanks to patented Hi-eSCR technology, all while providing maintenance-free after-treatment—no engine regeneration or DPF or EGCR components are needed. The system is simple, proven and efficient.

ECObLue HI-eSCR



Ultra Command full-powershift transmissions, which match proven mechanical efficiency for ease of control, are easy to set up and operate with a speed to perfectly match every application. It's one of the most efficient full-powershift transmissions available today.

- Available on the T8.320-T8.435 models, the CommandGrip™ handle provides fingertip access to automated features, including Ground Speed Management (GSM)
- GSM, with its CVT-like functionality, uses a combination of data relating to engine load, forward speed and operator setting to manage engine and transmission speeds to optimize performance and economy
- Choose between an 18 x 4, 19 x 4 (25 mph ECO or 31 mph) or 21 x 5 (25 mph or 31 mph) direct drive transmission

The **Auto Command™ CVT transmission** benefits from four direct-drive points with 100% mechanical efficiency. These points have been precision engineered to ensure that they perfectly match the most frequently used speeds during heavy draft work, secondary cultivation activities, high-speed in-field work, such as baling or mowing, and high-speed transport activities.

- **Advanced double-clutch control** — further enhances efficiency.
- **Three adjustable target speeds for every need** — lets you set a target speed of between 0.01 mph right through to 31 mph and regulate it to the nearest 0.006 mph. No steps or range changes. Just seamless speed to match your every need.
- **Active stop-start** — when the tractor is brought to a standstill, the transmission prevents the tractor from moving backwards or forwards, even with a heavy load. An electronic brake is easily engaged via the shuttle lever.



A new level of connectivity and productivity.

Through PLM Intelligence™, New Holland is unlocking a new level of connectivity and remote viewing never before seen in a high-horsepower tractor. That's the inherent advantage of a new T8 Series tractor. Unmatched connectivity provides the ability to share information with your preferred providers, perform diagnostics remotely and make data-driven decisions related to your operations — all from any location and all designed to help you successfully manage your farm, fleet and data. You'll accomplish more in a single day, work smarter and more efficiently, and enjoy a superior level of control and management of your entire fleet.



FARM MANAGEMENT

GET MORE DONE EACH DAY. Easily organize your fields, applications and agronomic data to gain better insights.

- ✓ View every field operation, from spring tillage all the way through harvest.
- ✓ Generate satellite maps to help visualize multiple layers of agronomic data to make more informed decisions.
- ✓ Push guidance lines, boundaries and prescriptions to equipment remotely.



FLEET MANAGEMENT

WORK SMARTER BY TRACKING EQUIPMENT. Achieve peak performance by maximizing uptime and efficiency.

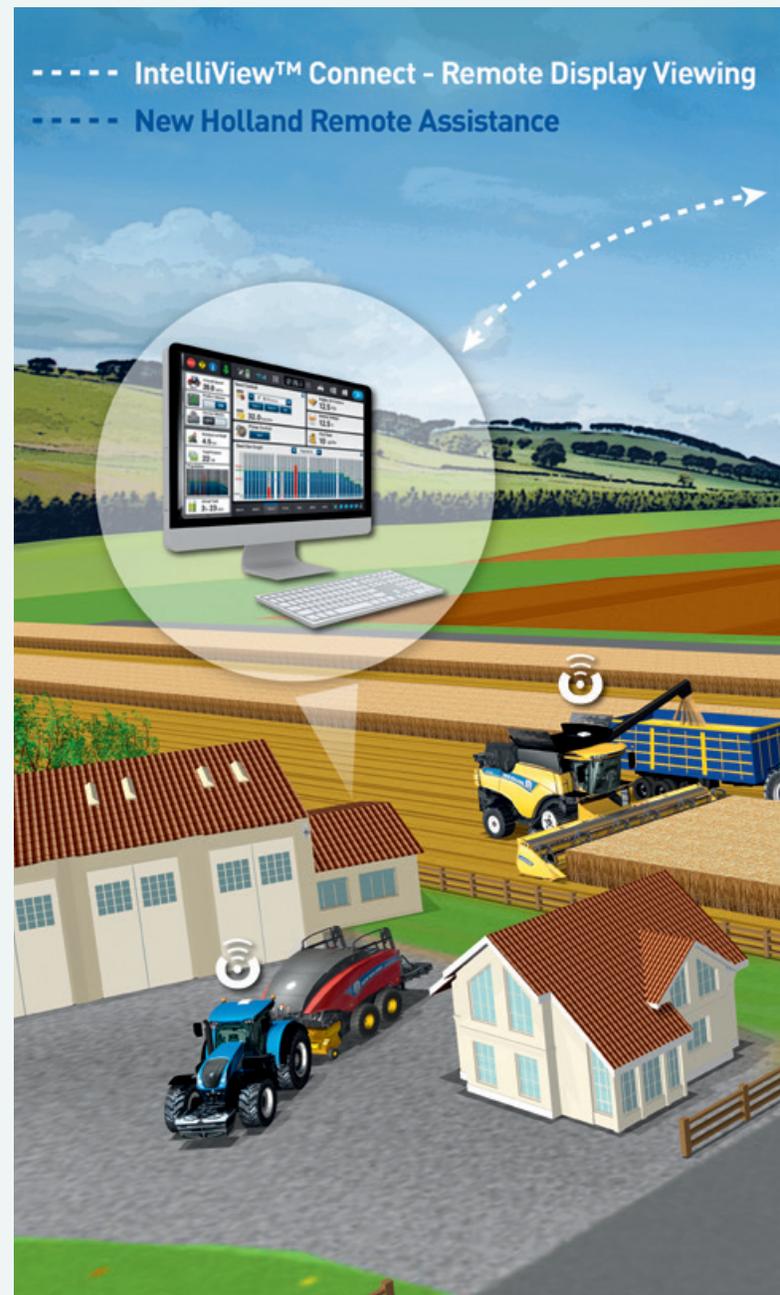
- ✓ Receive notifications and view critical operating parameters.
- ✓ Monitor current and historical machine performance.
- ✓ Plan and execute maintenance on connected vehicles.
- ✓ Coordinate your New Holland machines.
- ✓ Remote display viewing enables the farm manager or dealer to view—with the permission from the operator—what is on-screen in the cab of the tractor.



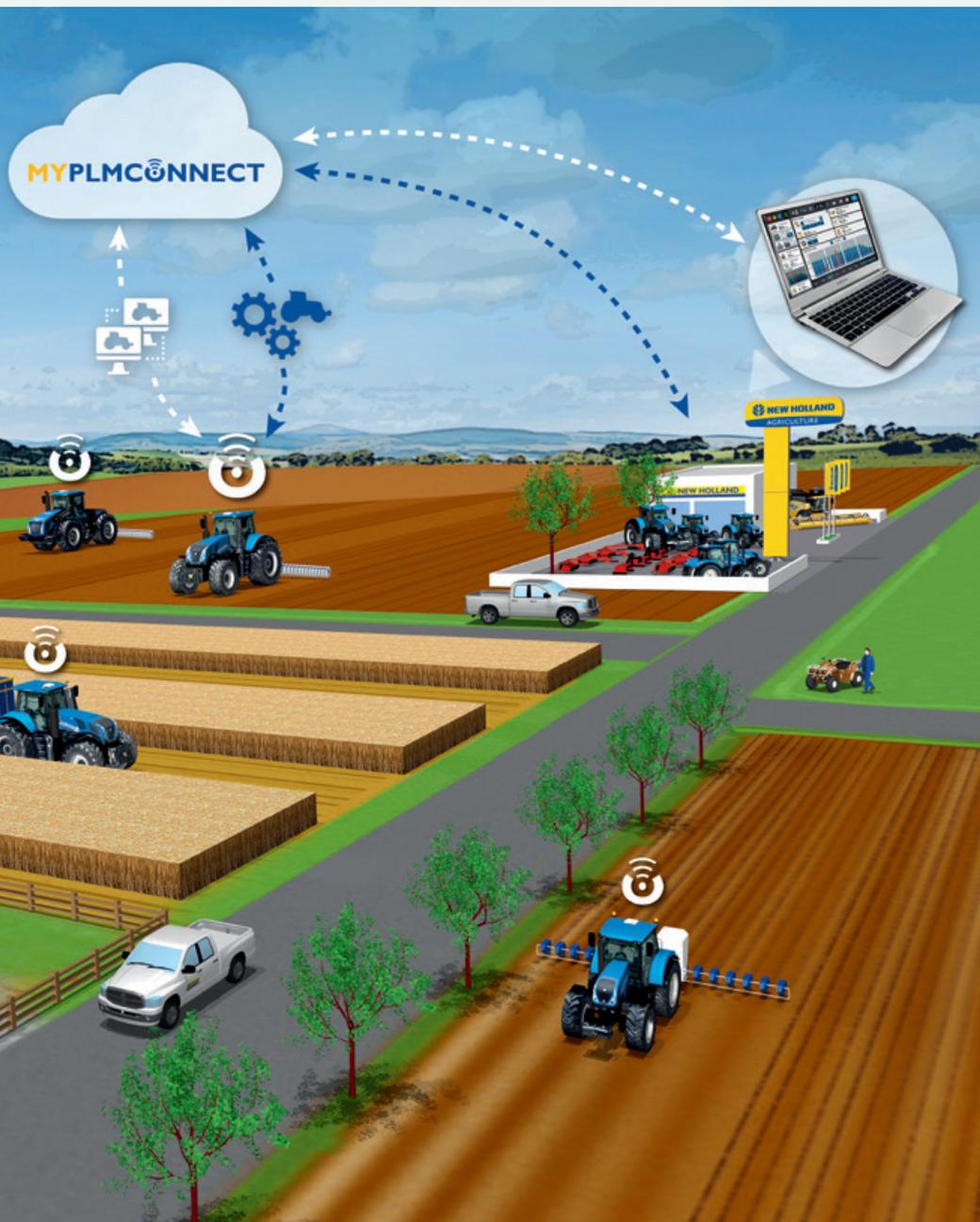
DATA MANAGEMENT

CONNECT AND SECURELY SHARE YOUR FARM DATA. Gain relevant agronomic insights that connect you to your farm down to the field level.

- ✓ MyPLM Connect helps you seamlessly manage, share and move data—all while ensuring you stay in complete control.
- ✓ Securely share your data and relevant equipment information with trusted partners.
- ✓ Invite your dealer to view relevant farm, field or field operation data for fast, transparent communication.

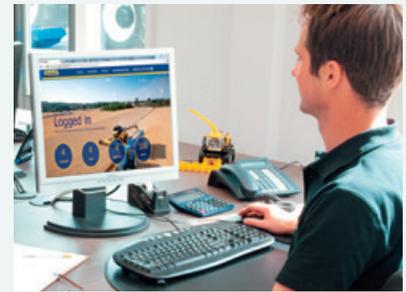


Remote services to keep you connected. We know you have other commitments in the community or with your family that take you away from your operation. With PLM Intelligence you don't always have to be in the cab of the tractor to see what the operator is seeing. You can remotely view the IntelliView 12 display from wherever you might be. The PLM Intelligence platform connects your farm, fleet and data to help you make well-informed decisions.



Remote Display Viewing

You can grant access to your farm manager or dealer to see exactly what the operator is seeing on the IntelliView 12 display screen, so they can walk the operator through display set up for any application. And you can conveniently do so no matter where your manager or dealer are at the time.



Remote Service Support

Your dealer can help you diagnose machine codes remotely, so you'll know whether it's a case of operator error or a routine maintenance or service need. If it's a part or service issue, your dealer will be more informed and can bring the right tools and parts to your farm.



Remote Software Updates

Update your vehicles operating software wirelessly to take advantage of new features, functionality, and enhancements.

Models		T8.320	T8.350
Engine*		FPT Cursor 9	FPT Cursor 9
Rated horsepower – ISO – ECE R120, 2000 rpm	hp (kW)	250 (184)	280 (206)
Max. EPM horsepower** – ISO – ECE R120, 1800 rpm	hp (kW)	320 (235)	351 (258)
Max. horsepower – ISO – ECE R120, 1800 rpm	hp (kW)	284 (209)	315 (232)
PTO HP (SAE)	hp (kW)	205 (153)	235 (175)
Engine Type		Tier 4B Final with ECOBlue™ SCR HI–eSCR system (selective Catalytic Reduction)	
No. of cylinders / Valves / Displacement		6cyl / 24 / 8.7L	6cyl / 24 / 8.7L
Aspiration		Single Turbocharger Wastegate	Single Turbocharger w/eVGT (variable geometry turbo)
Ultra Command™ Full-Powershift transmission			
18 x 4 Ultra Command™ Full-Powershift (40 kph)		●	●
19 x 4 Ultra Command™ Full-Powershift (40 kph ECO or 50 kph)		○	○
21 x 5 Ultra Command™ Full-Powershift (40 kph ECO or 50 kph)		-	-
Auto Command™ Continuously Variable Transmission (CVT)			
Auto Command™ Continuously Variable Transmission (40kph)		○	○
Auto Command™ Continuously Variable Transmission (50kph)		○	○
Electrical			
Alternator / Battery		240 amp / 12-volt battery	240 amp / 12-volt battery
Axles			
Rear axle dimension standard/optional	in. (mm)	4/4.5 (102/114)	4/4.5 (102/114)
Rear axle length	in. (mm)	120 (3050)	120 (3050)
Terraglide™ front axle suspension		○	○
MFD tread adjustability	in. (mm)	60–88 (1524–2235)	60–88 (1524–2235)
Track spacing (center to center)	in. (mm)	-	-
Hydraulics			
System type		Pressure-flow compensating (PFC)	
Standard pump flow	gpm (Lpm)	59 (224)	59 (224)
MegaFlow™ option	gpm (Lpm)	86 (326)	86 (326)
Hitches			
Rear linkage category	lbs. (kg)	Cat III/IIIN	Cat III/IIIN – Cat IVN/III
Cat III/IIIN Lift capacity 43"links/38" links, 4" rear axle	lbs. (kg)	12,900 (5851) / 14,900 (6758)	
Cat III/IIIN Lift capacity 43"links/38" links, 4.5" rear axle	lbs. (kg)	15,900 (7212) – 19,500 (8119)	
Cat IVN/III Lift capacity 43"links/38" links, 4.5" rear axle	lbs. (kg)	-	17,500 (7938) / 19,500 (8845)
Cat HD IVN/III, 5" rear axle	lbs. (kg)	-	-
Front linkage lift capacity (610 mm in front of ball ends)		12,800 (5810)	12,800 (5810)
Front PTO and shaft size		1000 rpm, 1 3/8" , 21 spine	
Capacities			
Fuel Tank	gal. (L)	163 (617) Auto Command™ 179 (678) Ultra Command™	163 (617) Auto Command™ 179 (678) Ultra Command™
Diesel Exhaust Fluid (DEF) Tank	gal. (L)	26 (99)	26 (99)
Wheelbase			
Wheelbase length	in. (mm)	136 (3454)	
Cab			
Cab sound level	dBA	68	68
Volume-size	cu. ft. (cu. m)	109.5 (3.1)	109.5 (3.1)
Glass	sq. ft. (m sq.)	68.5 (6.4)	68.5 (6.4)
Weight			
Approximate shipping weight***	lbs. (kg)	24,652 (11,182) Ultra Command™ 26,250 (11,907) Auto Command™	25,068 (11,370) Ultra Command™ 26,666 (12,096) Auto Command™
Max Ballasting	lbs. (kg)	27,734 (12,580)	31,791 (14,420)

● Standard ○ Optional – Not available *Developed by FPT Industrial **Power boost available during mobile PTO, hydraulic or transport speeds
 ***Weight includes Suspended front axle

T8.380	T8.410	T8.435	T8.410 SmartTrax™	T8.435 SmartTrax™
FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9
311 [229]	340 [250]	380 [279] Auto Command™ 396 [295] Ultra Command™	340 [250]	380 [279] Auto Command™ 396 [295] Ultra Command™
381 [281]	409 [301]	435 [320]	409 [301]	435 [320]
347 [255]	374 [275]	417 [307]	374 [275]	417 [307]
265 [198]	290 [216]	315 [235] Auto Command™ 345 [257] Ultra Command™	290 [216]	315 [235] Auto Command™ 345 [257] Ultra Command™
Tier 4B Final with ECOBlue™ SCR HI-eSCR system (selective Catalytic Reduction)				
6cyl / 24 / 8.7L	6cyl / 24 / 8.7L	6cyl / 24 / 8.7L	6cyl / 24 / 8.7L	6cyl / 24 / 8.7L
Single Turbocharger w/eVGT (variable geometry turbo)				
●	●	-	●	-
○	○	-	-	-
-	-	●	-	●
○	○	○	○	○
○	○	○	-	-
240 amp / 12-volt battery	240 amp / 12-volt battery	240 amp / 12-volt battery	240 amp / 12-volt battery	240 amp / 12-volt battery
4.5 [114]	4.5 [114]	5 [127]	-	-
120 [3050]	120 [3050]	120 [3050]	-	-
○	○	○	○	○
60-88 [1524-2235]	60-88 [1524-2235]	60-88 [1524-2235]	-	-
-	-	-	76-152 [1930-3861]	76-152 [1930-3861]
Pressure-flow compensating (PFC)				
59 [224]	59 [224]	59 [224]	59 [224]	59 [224]
86 [326]	86 [326]	86 [326]	86 [326]	86 [326]
Cat III/IIIN - Cat IVN/III	Cat IVN/III	Cat HD IVN/III	Cat IVN/III	Cat HD IVN/III
-	-	-	-	-
15,900 [7212] - 19,500 [8119]	-	-	-	-
17,500 [7938] / 19,500 [8845]	17,500 [7938] / 19,500 [8845]	-	-	-
-	-	19,900 [9026]	19,900 [9026]	19,900 [9026]
12,800 [5810]	12,800 [5810]	12,800 [5810]	12,800 [5810]	12,800 [5810]
1000 rpm, 1 3/8" , 21 spine				
163 [617] Auto Command™ 179 [678] Ultra Command™	163 [617] Auto Command™ 179 [678] Ultra Command™	163 [617] Auto Command™	163 [617] Auto Command™ 179 [678] Ultra Command™	163 [617] Auto Command™
26 [99]	26 [99]	26 [99]	26 [99]	26 [99]
136 [3454]			140 [3555]	
68	68	68	69	69
109.5 [3.1]	109.5 [3.1]	109.5 [3.1]	109.5 [3.1]	109.5 [3.1]
68.5 [6.4]	68.5 [6.4]	68.5 [6.4]	68.5 [6.4]	68.5 [6.4]
25,068 [11,370] Ultra Command™ 26,666 [12,096] Auto Command™	27,499 [12,473] Ultra Command™ 29,097 [13,198] Auto Command™		35,788 [16,233] Ultra Command™ 36,376 [16,500] Auto Command™	
35,847 [16,260]	39,150 [17,800]	41,170 [18700]	39,150 [17,800]	41,170 [18700]



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.

Support at every step. When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



We are proud to support the FFA.

Learn more at www.newholland.com



Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

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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.