

# NEW T5 DYNAMIC COMMAND™ & AUTO COMMAND™ TRACTORS



MACHINE  
OF THE YEAR 2019



## NEW T5 DYNAMIC COMMAND™ & AUTO COMMAND™ MODELS

New T5 tractors are engineered by design to ensure that they productively accomplish a wide range of agricultural applications—from field, loader and yard work to high-speed transport. Two models are available—the T5.130 and T5.140—and both can be equipped with either the new dual-clutch, eight-speed, semi-powershift Dynamic Command™ transmission or the renowned, continuously variable Auto Command™ transmission.

## GEAR UP FOR EFFICIENCY WITH ULTIMATE VISION

T5 tractors are powered by an FPT Industrial NEF four-cylinder, 4.5-liter engine that produces maximum horsepower ranging from 130-140 hp. That's 23 hp more than the current T5.120 Electro Command™ model. They also deliver more operator comfort, thanks to the addition of the quiet and roomy Horizon™ cab. The cab now features the new Super High-Visibility Roof Panel that brightens the interior and improves loader work visibility.







**MACHINE  
OF THE YEAR 2019**



*Blue*power



AUTOCOMMUNE



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## BLUE POWER

The T5.140 Auto Command™ model is available in a premium Blue Power configuration for agribusinesses that value the ultimate in premium performance and comfort—not to mention great looks. If you want your tractor to stand out in the field, the Blue Power T5.140 Auto Command is your answer.

## THE BLUE POWER OPTION FEATURES

- Distinctive metallic midnight blue paint
- Chrome-colored grille
- Silver wheel rims
- Eye-catching 3D leaf and New Holland logo
- Blue Power seat and branded thick-pile carpet
- Silver light surround on cab work lights
- An extensive list of standard equipment



**THE POWER AND EFFICIENCY  
YOU'VE COME TO EXPECT FROM  
NEW HOLLAND**



## POWERED BY FPT INDUSTRIAL

New Holland is not going it alone when it comes to Stage V technology. We can draw on the experience of our in-house engine development group: FPT Industrial.

**Pioneers:** Fiat invented common rail technology in the 1980s and were the first to introduce it on agricultural machines on the T5-A tractor in 2003. Pioneering. Always.

**Cleaner:** for the ninth consecutive year, CNH Industrial has topped the Dow Jones Sustainability World and Europe indexes for the Industrial Engineering sector. Cleaner Everywhere.

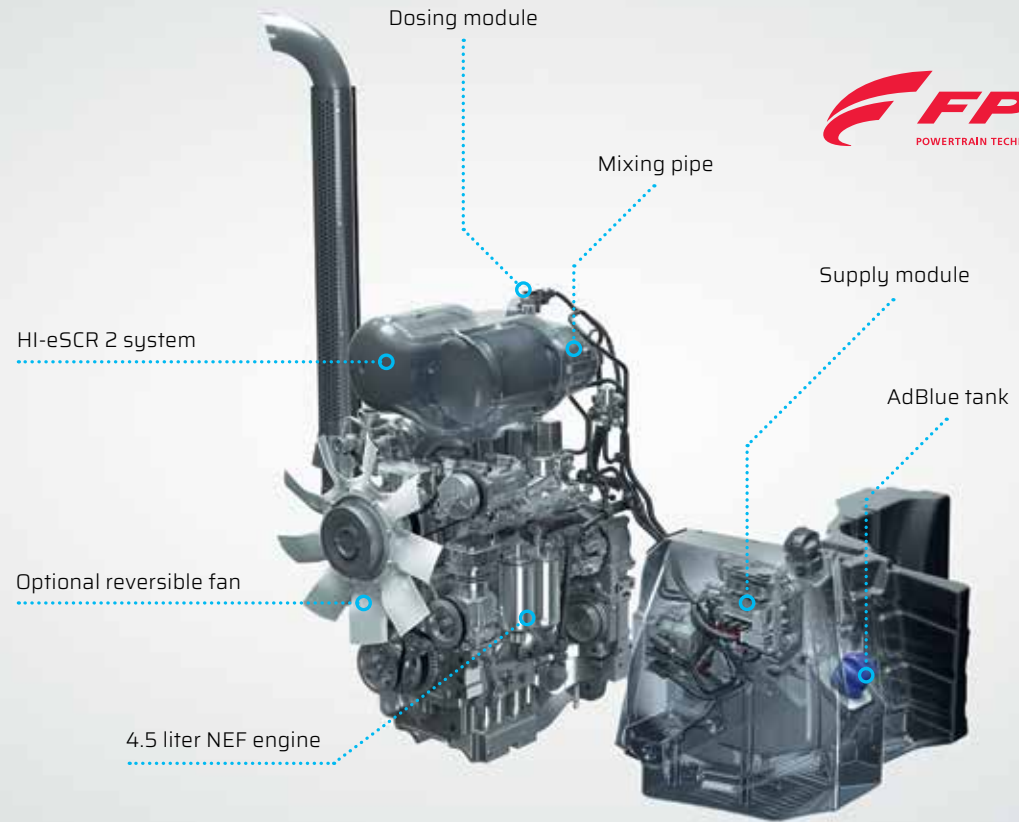
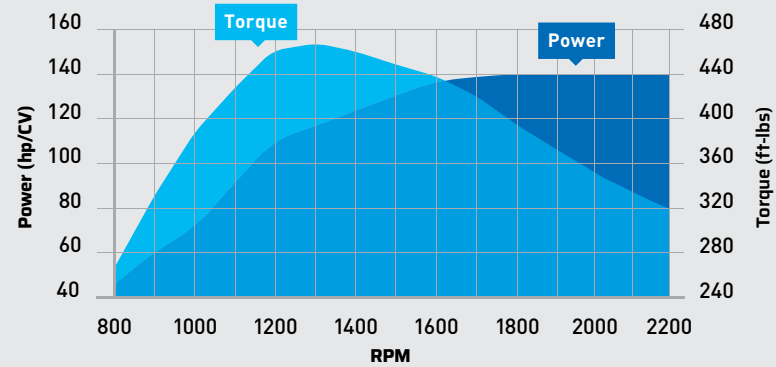
**Proven:** FPT Industrial has pioneered SCR technology since 1995 and has already produced over 1 million SCR engines during the last eight years for the agricultural, construction and haulage industries. Reliability. Confirmed.

## IDEAL POWER CURVE

The NEF 4.5 liter engine has an ideal power curve, delivering peak power at 1800 rpm, which is perfectly aligned with the most frequently used engine speeds for both PTO and road work.

## ECOBLUE™ HI-ESCR 2 EXPLAINED

The entire T5 Dynamic Command™ and Auto Command™ Series complies with Stage V emissions standards, which mandate a further 40% reduction of Particulate Matter content compared to previous Tier 4B / Stage 4 regulation. This is achieved thanks to the new HI-eSCR 2 technology developed by FPT Industrial. This innovative after-treatment system is a maintenance-free, patented solution that minimizes operating costs. The NEF 4.5 liter engine features a compact and simple layout that is EGR-free and has been neatly packaged under the hood, resulting in improved visibility, extreme productivity and reliability.



# DYNAMIC OPERATION IN EVERY OPERATING SITUATION





## EIGHT-STEP SEMI-POWERSHIFT

The 24x24 Dynamic Command™ transmission enables you to shift between eight gears under load, without changing ranges. These carefully designed speeds within each range correspond directly with common field work or transporting ground speeds — eliminating operator range shifts mid-task for greater T5 Dynamic Command productivity.

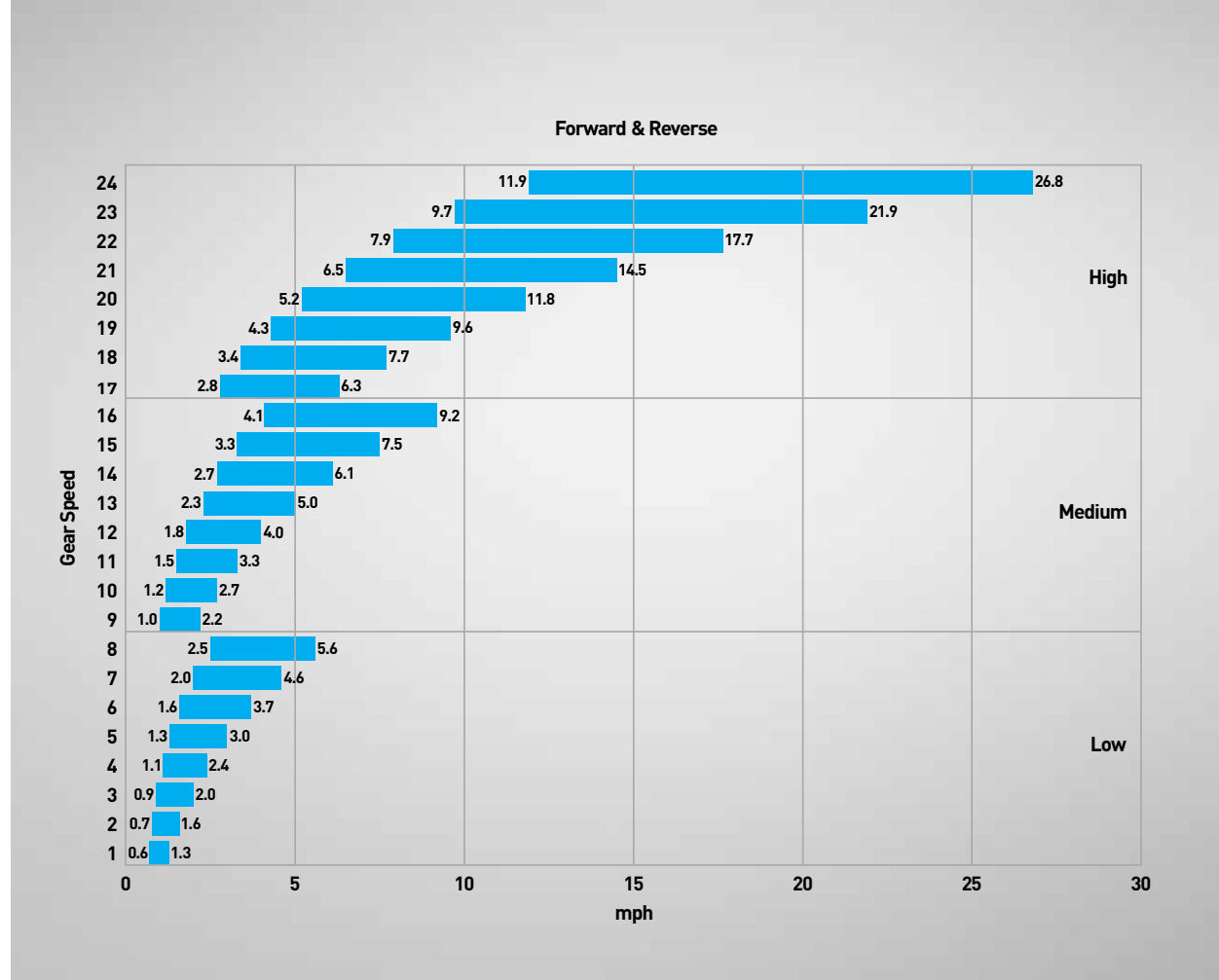
## GSM II. INTELLIGENT AUTOMATION

New Holland Ground Speed Management II, GSM II, which won a 2020 AE50 Award for best innovation in engineering and technology, is more than just an automated transmission shift system. With CVT-like functionality, it uses a combination of data relating to engine load, forward speed and operator setting to manage both engine and transmission speeds optimize performance and economy. Simple to set up and extremely efficient, GSM is well proven and dependable.

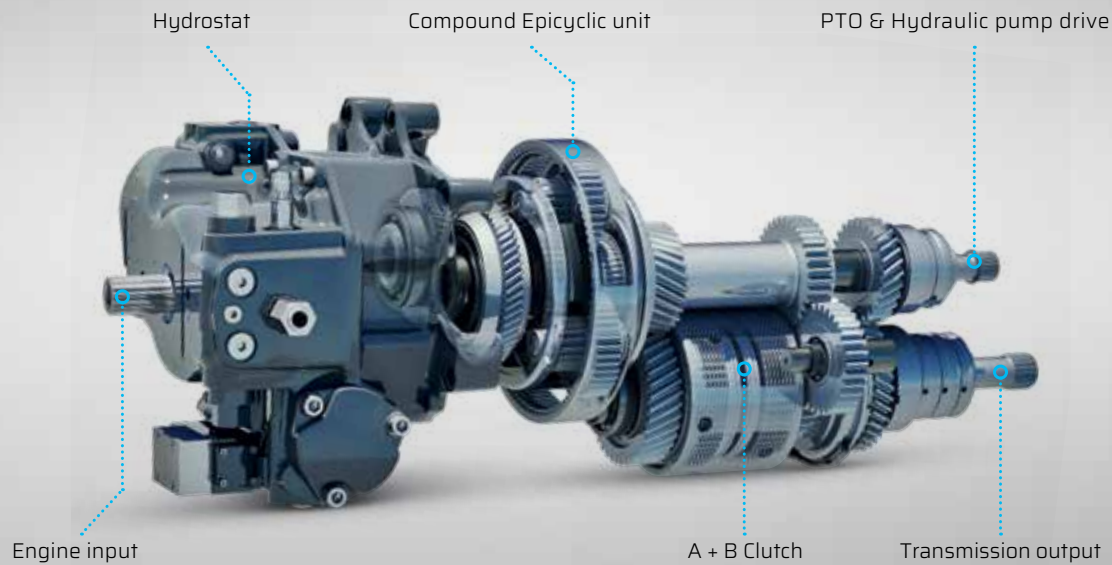


## CLUTCH-FREE LOADER WORK

The advanced Dynamic StartStop feature means that at lower operating speeds, such as those commonly associated with loader work, you can simply depress the brake when coming to a stop, without the need to clutch. Once the brake pedal is released, the tractor will automatically start to move.



# EFFICIENT AUTO COMMAND™ TRANSMISSION OFFERS ADVANCED NEW HOLLAND FEATURES







## COMMANDGRIP™ HANDLE

New, optional IntelliSteer® auto-guidance, automated steering engagement.

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 change between three adjustable target speeds.

Four driving modes to suit your driving style:

**Auto Mode.** Once the desired target speed is achieved, Auto Command™ will match the engine and transmission to maintain it.

**Cruise Mode.** Cruise Mode allows the operator to achieve a set target speed at the touch of a button, and to maintain the speed for economy and productivity.

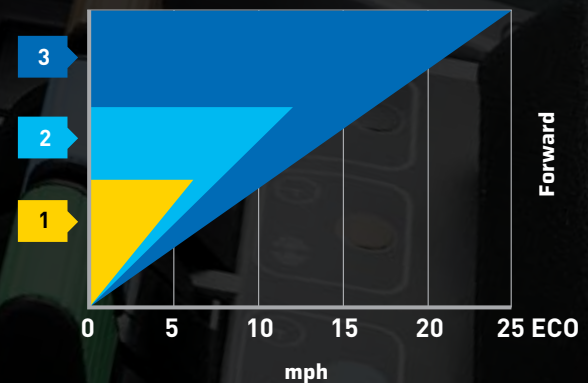
**Manual Mode.** Allows the operator to manually set the required engine and forward speed, independently of each other.

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

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

## 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.



# SMART TRANSMISSION BONUS



## BALANCING FUEL ECONOMY AND PRODUCTIVITY

On Auto Command™ models, when working in Auto and Cruise modes, use the droop control dial, situated to the right of the operator, to limit upper engine speed used to achieve the desired forward speed. The result: you reach target speed at much lower engine revs, saving you fuel.

In PTO mode, use droop control to regulate the acceptable reduction in PTO speed before forward speed is reduced.

## 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™. The operator can either move the CommandGrip™ handle, use the powershuttle switch on the CommandGrip handle or use the steering column-mounted shuttle lever.



# IMPROVING THE PERFORMANCE OF TRACTOR, IMPLEMENT AND YOUR WORK

## TELEMATICS: MANAGE YOUR MACHINE FROM THE COMFORT OF YOUR OFFICE

MyPLM<sup>®</sup>Connect enables you to connect to your T5 from the comfort of your office through the mobile network. You can stay in touch with your machines at all times, and even send and receive real-time information that saves time and enhances productivity. The entry-level MyPLM<sup>®</sup>Connect Essential package offers the most frequently used features, or upgrade to the MyPLM<sup>®</sup>Connect Professional package for full machine monitoring and control. In short, MyPLM<sup>®</sup>Connect will help you to reduce your fuel bills and improve fleet management and security in one simple package.

**MYPLM<sup>®</sup>CONNECT**

## ISOBUS III: TWO-WAY COMMUNICATION

ISOBUS Class III technology means the tractor and implement can communicate with each other, relaying information back and forth, resulting in the implement controlling the speed of the tractor to achieve maximum productivity. For example, when connected to a New Holland Roll-Belt<sup>™</sup> round baler with IntelliBale<sup>™</sup> technology, the baler will stop the tractor as soon as the pre-set bale diameter has been reached. The baler then wraps the bale, lifts the tailgate, ejects the bale, closes the tailgate, and then signals the operator it is ready to proceed. This increases consistency in the baling process and reduces operator fatigue.



# HORIZON™ CAB AND SIDEWINDER™ II ARMREST: THE ULTIMATE IN COMFORT AND ERGONOMICS

The T5 Dynamic Command™ & Auto Command™ Series now benefits from New Holland's industry-leading Horizon™ cab and all-new Super High-Visibility Roof Panel. Take a seat, relax and enjoy an immediate feeling of space, comfort and brightness, thanks to the 4-post concept, suspended seats and ample legroom.

In the yard, in the field or on the road, you have an uninterrupted, productivity enhancing view. The single-piece front screen offers a perfect view, no matter what the weather or your field throws at you. The sun visor protects you from the harshest rays. Whisper-quiet comfort is courtesy of a mere 72dB(A) cab noise level.

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## CHOOSE A LIGHTING PACKAGE TO SUIT YOU

Three LED cab lighting packages are available. T5 Auto Command models feature 8, 12 and 16 LED packages, while Dynamic Command tractors are available with 8 and 12 LED lights. Improved vision at night results in less stress for operator.









## COMFORTABLE SEAT OFFERING

T5 Dynamic Command™ & Auto Command™ owners can choose between several different seat options:

- The standard Comfort seat uses a low-frequency suspension unit to cushion operators from harsh vibrations
- Dynamic Comfort™ seats boast an enhanced low-frequency suspension mechanism and are covered in a two-tone cloth and leather upholstery and feature two-stage heating
- The deluxe two-tone leather Auto Comfort™ seat range features automatic weight setting, active suspension, heating and active ventilation

	Comfort Seat	Dynamic Comfort™ Seat	Auto Comfort™ Seat	Blue Power Auto Comfort™ Seat
Material	Cloth	Cloth/Leather	Leather	Cloth/Leather
Suspension type	Low frequency	Low frequency with dynamic damping	Semi active	Semi active
Damping system	Adjustable	Automatic	5 modes	5 modes
Weight adjustment	Automatic	Automatic	Active electronic	Active electronic
Lumbar support	Manual	Pneumatic	Pneumatic	Pneumatic
Climate System	-	2 stage heater	Heating and active ventilation	Heating and active ventilation
Backrest extension	Swivelling	Swivelling	Swivelling	Swivelling
Passenger seat	Cloth	Leather	Leather	Leather

- Not available





### **SIDEWINDER™ II ARMREST**

The T5 Dynamic Command™ & Auto Command™ tractors offer sophisticated features that are easy and intuitive to access. How? 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 selected. Furthermore, you're benefiting from SideWinder II know-how perfected on T6, T7, T8 and T9 tractors. It does not take long to master a T5 tractor. As an option, the SideWinder™ II can be electronically adjustable. You can freely move the armrest to the position that suits you.



### **CONTROL CENTER**

The automatic air conditioning controls, lighting panel, additional storage slots and the radio have all been grouped in an ergonomic cluster. A Bluetooth RDS/MP3 radio is fitted as standard. An AUX connector and USB port are also available.



### **AT A GLANCE GEAR INFORMATION**

On Dynamic Command™ models, a dedicated screen displaying transmission gearing information has been positioned to the front of the armrest, so that it is always easy to see. An IntelliView™ IV color touchscreen monitor is available as an option.



### **EYES IN THE BACK OF YOUR HEAD**

The standard enlarged wing mirrors feature an 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. Additional options include heated wing mirrors and electronic adjustment.

# THE ULTIMATE TRACTOR THE ULTIMATE LOADER





## LONG, STRONG & PRODUCTIVE

The wide frame 800TL loader's performance means that no task is too big or too small. The hydraulic piping has been integrated into the loader frame to significantly improve forward visibility for precision operations and to prevent potential snagging when operating in confined sheds.

## ADVANCED JOYSTICK

Forward and reverse shuttling buttons have been integrated into the advanced loader joystick. This is perfect when conducting intensive loader work: Whether you are feeding cattle or moving bales, the ability to change direction without removing your hand from the loader controls is a surefire productivity booster.

## SUPER HIGH-VISIBILITY ROOF PANEL

The all-new super high-visibility roof panel makes it even more comfortable to work with loaders at full extension. The total glazed area of 63 square feet with the optional tinted roof glass brightens the in-cab environment, so you stay more productive.



# READY TO WORK

## GREAT MANEUVERABILITY. OUTSTANDING VISIBILITY. COMPACT PACKAGE.

The T5 Dynamic Command™ & Auto Command™ Series has been designed with go-anywhere flexibility in mind, as evidenced by its compact overall dimensions. Standing at 8' 10" in height, it can slip into even the lowest livestock sheds. The low overall hood height of 75 inches provides extra visibility in all applications, but is invaluable when feeding livestock and loader work.

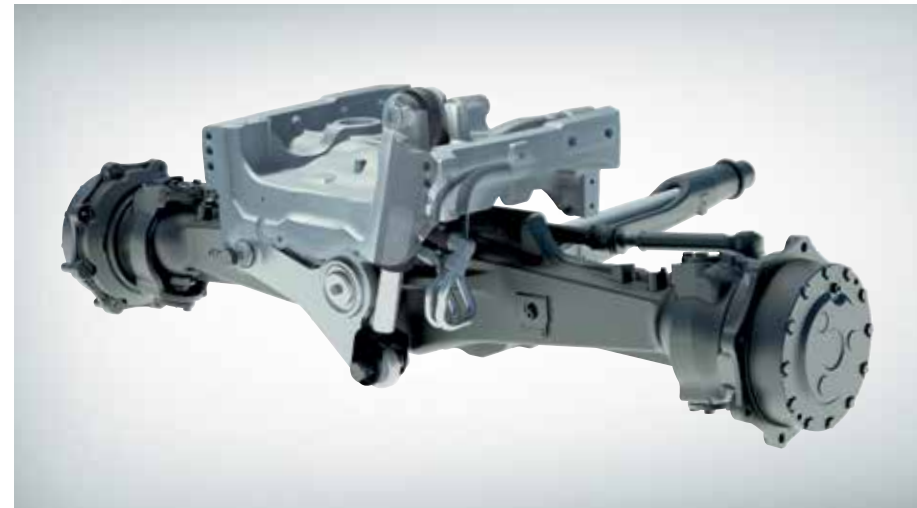
\* 540/65R34 tires with Low-profile roof (shown)

## HEAVY-DUTY AXLE

All models are fitted with a Class 1.75 heavy-duty axle that is ideal for loader work, but also easily handles high payloads, such as when transporting grain or bales. Overall Gross Vehicle Weight (GVW) of 21,385 lbs — over 1,750 lbs. more than current T5 Electro Command™ models — improves overall operating efficiency and enhances operational flexibility.

## 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 wheelbase 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.





# MAKING REPEATABILITY EASIER

## INTUITIVE INTELLIVIEW™ IV TOUCHSCREEN MONITOR

The IntelliView™ IV color touchscreen monitor can be used to manage a whole host of advanced parameters, including Headland Turn Sequencing II (HTS II) and ISOBUS Class III features.

## INTELLISTEER® AND INTELLITURN™ INTELLIGENT END-OF-ROW-TURN SYSTEM

Designed and developed by New Holland, IntelliSteer™ is a fully integrated, automatic steering system that dramatically enhances operator performance and comfort while maximizing productivity, efficiency, yields and profits. It's designed to ensure pass-to-pass accuracy from 6 to 9 inches with sub-inch accuracy year over year with RTK and RTK+ networks. The IntelliTurn™ system facilitates an automatic end-of-row turn feature for tractors equipped with the IntelliSteer system. It improves efficiency by automatically plotting and executing the most efficient turn path to minimize “out of work” time during the turn. With the IntelliTurn system, the implement re-enters the work area in-line on the desired path.

## 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. It's even easier to modify pre-recorded sequences, so when things change, your HTS sequence does as well! Simple, and a great way to improve repeatability and efficiency and to reduce fatigue when working over extended periods.





## HYDRAULIC POWER AND PTO FLEXIBILITY

Have you ever thought about just how much hydraulic flow you actually need? T5 Dynamic Command™ and Auto Command™ models are fitted with a 29 gallons per minute CCLS pump that is ideal for operations requiring the most intensive hydraulic flows. New Holland has engineered the CCLS system to operate at peak efficiency. The benefit? Full hydraulic power is always available at the remote valves and linkage, but only delivers what is required. The result? Reduced fuel consumption.



## REMOTE VALVES

T5 Dynamic Command™ & Auto Command™ models can be equipped with up to four rear remote valves. Up to three mid-mount remote valves are available to operate the front linkage or a loader, and they are controlled via a new, ergonomic, fully-integrated advanced joystick in the cab. A clean and clear structure at the rear of the tractor makes connecting implements even easier than before.



## DIRECT DRIVE FOR FUEL EFFICIENCY

All T5 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. Safety has been further enhanced with the inclusion of an intentional PTO switch, which must be selected to keep the PTO engaged when leaving the operators seat. Additional PTO options include Auto PTO, which disengages the PTO at pre-set rear linkage heights, and a 540E/1000 PTO option with an operating speed of a mere 1,621 engine rpm to significantly reduce your fuel consumption.



## ELECTRONIC DRAFT CONTROL

A single raise/lower switch makes it simple to lift and return an implement to work during a headland turn. How? New Holland's ergonomic EDC 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, precisely where you would expect them to be.



MODELS	T5.130		T5.140	
	Dynamic Command™	Auto Command™	Dynamic Command™	Auto Command™
<b>Engine*</b>	<b>FPT NEF</b>			
No. of cylinders / Capacity / Valves / Compliant emissions regulations				
Max. HP - ISO TR14396- ECE R120	hp (kW)	130 (96)		140 (103)
Rated Engine HP (Rated speed @ 2200 rpm) - ISO TR14396- ECE R120	hp (kW)	120 (88)		130 (96)
PTO HP	hp (kW)	102 (76)		111 (83)
Max. torque - ISO TR14396	ft. / lbs. (Nm)	450 (610) @ 1300 rpm		465 (630) @ 1300 rpm
Diesel tank capacity / AdBlue tank capacity	gal. (liters)	475 / 5 (180 / 19)		
Electrical 12 volt alternator Standard / Optional		120 / 200		
<b>Dynamic Command™ 8 step semi-powershift transmission (opt. 40 kph ECO)</b>		●	-	●
Min. speed / Max. speed @ 1700 rpm	mph (kph)	.134 / 25 (0.216 / 40)	-	.134 / 25 (0.216 / 40)
Ground Speed Management II (GSM II)		○	-	○
Dynamic Start/Stop		○	-	○
CommandGrip and Basic Gear Display-DOG		●	-	●
IntelliView™ IV colour monitor with ISO 11783 connector		○	-	○
<b>Auto Command™ Continuously Variable Transmission (opt. 40 kph ECO)</b>		-	●	-
Min. speed / Max. speed @ 1600rpm	mph (kph)	-	.012 / 25 (0.02 / 40)	-
Electronic park brake		-	●	-
Active StopStart function		-	●	-
CommandGrip and IntelliView™ IV colour monitor with ISO 11783 connector		-	●	-
<b>Standard Class Front Axle</b>			●	
Class 1.75 Front Axle			●	
Terraglide™ front axle suspension			○	
Terralock™ Auto Diff & Auto 4WD			●	
Turning radius with 4WD / Terraglide™ suspended front axle	in. (mm)		182 (4615)	
<b>PTO engine speed at:</b>				
540 / 540E / 1000	rpm		1969 / 1546 / 1893	
Auto PTO management			●	
<b>MegaFlow™ Hydraulic Main Pump - 29 gallons (110 liters) flow / 2900 psi Pump pressure</b>			●	
Standard Steering and services pump flow	gpm / bar (lpm / bar)		9.6 / 230 (36.3 / 230)	
Max. no. Deluxe rear valves with diverter fitted			4	
Max. no. mid mount valves			3	
Advanced Mid mount Electronic joystick control			○	
<b>Electronic Draft Control (EDC)</b>			●	
Max. lift capacity at ball ends	lb. (kg)		12,125 (5500)	
<b>Four pillar 360° Horizon™ cab with FOPS - OECD Code 10 Level 1</b>			●	
Low roof and Super High visibility roof hatch			○	
Comfort Ride™ cab suspension			○	
Automatic climate control			○	
Comfort seat with seat belt			●	
Dynamic Comfort™ / Auto Comfort™ Active Climate Control heated seat with seat belt			○ / ○	
Instructors seat with seat belt			○	
Blue Power Pack		-	○	●
LED lighting packages featuring 8, 12 or 16 lights		8/12	8/12	8/12/16
IntelliSteer®, Autoguidance & Headland Turn Sequencing II (HTS II)			○	
MyPLM®Connect Advanced Telematics			○	
<b>Dimensions</b>				
Max. Overall length inc weight carrier to rear linkage	in. (mm)		173 (4397)	
Min. Width narrow / standard	in. (mm)		74 / 90 (1888 / 2288)	
Height from centre of rear axle to low profile / Super Hi Vis panel / Standard cab	in. (mm)		77 / 78 / 83 (1955 / 1980 / 2100)	
Wheelbase	in. (mm)		98 (2490)	
Minimum shipping weights	lb. (kg)		12,125 (5500)	
Gross Vehicle Weight	lb. (kg)		19,400 (8800)	

● Standard ○ Optional - Not available \* Developed by FPT Industrial \*\* @1600rpm

Learn more at [www.newholland.com](http://www.newholland.com)



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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.