



# NEW HOLLAND T8

T8.320 | T8.350 | T8.380 | T8.410 | T8.435



# MAKING EVERYTHING POSSIBLE AND EVEN MORE



## MORE POWER AND PRODUCTIVITY

T8 tractors are among the most powerful conventional tractors in the world. The new, range topping T8.435 model, together with the entire line-up is equipped with a state of the art Cursor 9 power plant. All models benefit from Engine Power Management which offers more power in demanding hydraulic, PTO and transport applications; up to a full 71hp(CV) of EPM is available on the T8.350. The entire range is available either guidance ready or guidance complete to further increase your productivity and profitability..



## ABSOLUTE DRIVING PLEASURE

New Holland's SideWinder™ II armrest makes the T8 range intuitive to operate for reduced fatigue. All key functions are immediately recognizable and are perfectly placed for fingertip control. The 67dB(A) whisper quiet cab is the most spacious in its segment and offers uninterrupted 360° visibility. Comfort Ride™ cab suspension ensures the smoothest ride even on the roughest terrain.



## MAXIMUM VERSATILITY

The long wheel base guarantees outstanding stability on the road and in the field, when combined with exceptional manoeuvrability the T8 is perfectly at home in both traditional, heavy draft applications, as well as performing high speed transport and secondary cultivation tasks. Choose between the Ultra Command, the most powerful full powershift in the business, or the Auto Command™ transmission for unsurpassed CVT operation. The fully integrated front linkage and PTO mean that a full range of front mounted implements can be fitted and powered.



## LOWER OPERATING COST

The renowned Ground Speed Management feature makes the Ultra Command the most economical full powershift on the market. The Auto Command™ transmission will further reduce operating costs by ensuring the highest levels of engine and transmission efficiency. Throw in long service intervals and a reduced carbon footprint, and owning the T8 has never been kinder on the pocket.



## EXACTLY WHAT IT SAYS ON THE BONNET

The first two digits 'T8' refer to the tractor's category and the following three, for example '380', refer to the maximum Engine Power Management horsepower\*. What does that mean to you? You can buy your T8 safe in the knowledge that it will be able to cope with even the most demanding applications. New Holland for ultimate productivity peace of mind.

\* does not apply to T8.435 model

### Max power with EPM [hp(CV)]

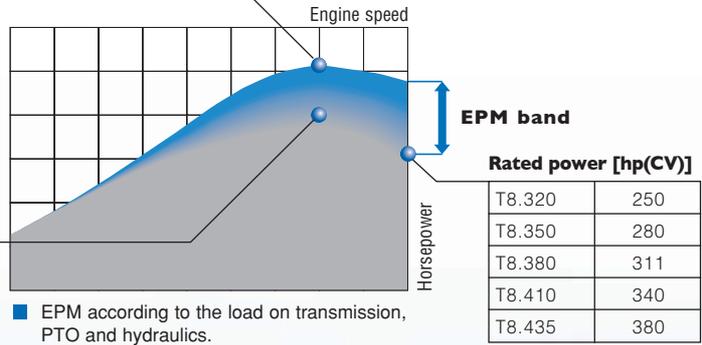
T8.320	320
T8.350	351
T8.380	381
T8.410	409
T8.435	423

These are maximum engine powers that the T8 range can deliver for mobile PTO and high speed haulage tasks.

### Max power [hp(CV)]

T8.320	284
T8.350	315
T8.380	347
T8.410	374
T8.435	417

For draft work, such as tillage equipment, the T8 will deliver these maximum power values.



Rated powers are a useful reference but are usually surpassed by the max power figures during work, with or without EPM active.



## T8: PUTTING YOU IN CONTROL

The T8 range offers a whole host of customizable features to ensure that it perfectly matches your operating requirements. Choose between the all-new Auto Command™ transmission for precision speed control in all tasks and the Ultra Command, the most powerful full powershift on the market. The IntelliView™ IV colour touch screen monitor is standard and perfect for machines equipped with the optional factory fitted IntelliSteer® guidance solution. A fully integrated front linkage and PTO will be music to hay and forage contractors ears. Finally, compatibility with a vast range of tyres, up to the tallest 2.15 metre 900/60R42 variants reduce in-field compaction and increase traction, all whilst respecting the stringent three metre transport width. Alternatively, the top three T8 models are also offered with the unique SmartTrax™ rear track system. A choice of track widths and settings are available to suit general or specific requirements. T8. Doing whatever you want it to.



### EFFICIENT CULTIVATION

The long wheelbase and flexible ballasting options mean that the T8 offers ultimate in-field performance in high speed cultivation tasks. The Terralock™ traction management system ensures 100% of the power is transmitted to the ground. Terraglide™ front axle suspension improves traction and enhances comfort by counteracting bouncing whilst lifting even the heaviest rear mounted equipment. Improved transient response maintains performance in demanding conditions. Ground Speed Management ensures forward speed is always achieved at the lowest engine speed. Productivity. Comfort. Efficiency. T8.



### PRECISE PLANTING AND SOWING

Combine fully integrated IntelliSteer® auto guidance with the optional IntelliView™ IV colour touch screen monitor for the ultimate sowing and planting experience. Want more? The T8 is fully ISOBUS II compatible for single screen operation and all key controls fall perfectly to hand on the multi award winning SideWinder™ II armrest. Use the fully automated Headland Turn Sequencing programme to control end of row manoeuvres, which will be even more efficient thanks to the impressive 55° turning angle. Fully integrated front linkage means you can mount your seed hopper with ease. Accuracy. Visibility. Efficiency. T8.

## BLUE POWER. EXCLUSIVE EDITION.

The Blue Power T8.435 Auto Command model offers a premium agricultural experience. Performance and comfort are of supreme importance and its exclusive styling ensures it stands out in a crowd. The distinctive midnight blue color, silver wheels and chrome colored grilles deliver head-turning styling.



*Blue Power*  
Un-limited edition.



### COMFORTABLE HIGH SPEED TRANSPORT

The ultra-long wheelbase of up to 3550mm offers outstanding stability when traveling at 50kph, even with fully laden trailers. Comfort Ride™ cab suspension and Terraglide™ are your comfort guarantee, cushioning the operator from even the harshest bumps for a smooth ride. The Auto Command™ transmission offers outstanding transport efficiency, and the cruise mode will be indispensable during longer journeys. Stability. Comfort. Efficiency. T8.



### INDUSTRIAL PERFORMANCE

The T8 is also perfectly at home in an industrial setting, whether you're taking advantage of the high power PTO with direct drive technology to crush stones, or the high levels of engine power management during soil stabilisation tasks. Those features will also be appreciated by forestry and woodchip producing businesses. Auto Command, continuously variable transmission offers precision speed control and 271 litres/minute of hydraulic flow come courtesy of MegaFlow™ technology to make light work of tipping even the largest dump trailers. Throw in one of the highest gross vehicle weights around and the T8 is your perfect partner. Versatility. Precision. Efficiency. T8.

# AT 67dB(A) THE QUIETEST AND MOST SPACIOUS CAB IN ITS CLASS

## DESIGNED FOR COMFORT AND PRODUCTIVITY

Settle into the seat of a T8 tractor. Fire up the engine. Get into the field. Take in the excellent view. Let your hand effortlessly explore the SideWinder™ II controls. Savour the smooth, quiet power. Enjoy how the seat, cab and axle suspension cushion the ride. See how easy it is to use the IntelliView™ touchscreen. It doesn't take long to get used to excellence.

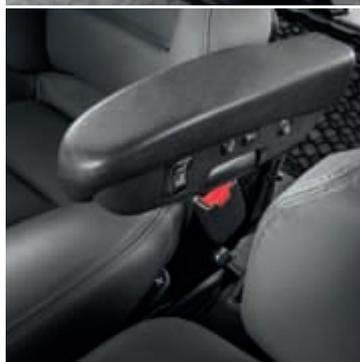
## EYES IN THE BACK OF YOUR HEAD

The optional heated mirrors feature an electronically adjustable top section which has mirrors similar to those found on commercial vehicles for the best view of the road during transport. The adjustable lower section has been designed to counteract blind spots.



## THE MOST COMFORTABLE SEAT ON THE FARM

Comfort is guaranteed thanks to the deluxe air-suspension seat that comes as standard equipment. For operators who spend extended hours in the tractor, the enhanced comfort of the ventilated semi-active Auto Comfort™ seat is worth considering. This range topping seat automatically calibrates damping, using a network of sensors, depending on the operator's actual weight, for the smoothest ride ever. The seat also features advanced heating and ventilation technology, which warms the body on cold days and removes perspiration for ultimate comfort in all weathers. When combined with Comfort Ride™ cab suspension, it's the smoothest ride imaginable. For an added touch of luxury, select the full leather option.



## REDUCING SHOCK LOADS AND FATIGUE

Day in, day out, the optional two-stage Comfort Ride™ cab suspension reduces shock loads reaching the operator by up to 25%. The result? Less fatigue over long working days.



### FROM DUSK TO DAWN

Cab roof, engine hood and fender worklights are easily controlled from a dedicated switch panel. The most demanding operations will select the optional, super bright HID / LED lighting package. The operator can set up the lights to match a broad range of applications for safer, more productive operation.

### CUSTOMISE YOUR WORKING ENVIRONMENT

Set your preferred in-cab working temperature and the automatic climate control system will maintain this setting, adjusting to suit ambient conditions. Pull down the cab blinds to reduce glare.

### HIGH QUALITY AUDIO

The optional integrated radio allows the operator to play their own MP3 music recordings as well as receive crystal clear radio reception. Hands free telephone calls can also be made courtesy of the blue tooth option.

# SIDEWINDER II. DESIGNED BY FARMERS, FOR FARMERS.

As modern tractors offer increasingly sophisticated features there is a risk that they become more difficult to understand and operate. At New Holland 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 quickly and easily accessible. More advanced features can be quickly accessed. It does not take long to master a T8 tractor.

## INTELLIVIEW™ IV TOUCHSCREEN MONITOR

All the information you need at a glance. The standard 26.4cm wide screen IntelliView™ IV monitor. You'll enjoy fingertip adjustment of all key settings and full compatibility with the New Holland IntelliSteer® guidance system.



The soft-touch buttons feature backlight technology to make selecting controls in the dark even easier.



- Headland Turn Sequencing, HTS. Press to record, store and activate automated headland turn.
- Fingertip control for up to two remote valves.
- Rear linkage raise lower.
- Optional IntelliSteer® auto-guidance, automated steering engagement.
- Forward reverse shuttle switch.
- Ground Speed Management, GSM. Transmission and engine work together to optimise performance.
- Fine tune Ground Speed Management setting.
- Ultra Command full powershift gear up and gear down.
- Electronic SideWinder™ II adjustment. Move the armrest to the position that suits you.





## FARMING LUXURY

The T8 luxury pack has been designed for those of you who spend more time in your cab than out of it. The full leather steering wheel, leather seat and deep pile carpet are available on all T8 models.



As awarded by The Chicago Athenaeum: Museum of Architecture and Design.



## EASY ACCESS TO ADVANCED FEATURES

Push the symbol. Activate the feature. The Integrated Control Panel, ICP, makes it simple to access advanced operating features. No need to scroll through menus to set up Terralock traction management, Headland Turn Sequencing (HTS), Auto PTO or ESM Engine Speed Management.



- Personalized positioning of the hydraulic joystick and rear linkage mouse available as a factory-fit option. Also two additional paddles control hydraulic remote valves 5 and 6, and can be installed instead of the hydraulic joystick.
- Front suspension lock-out.
- Throttle up to your desired engine speed, select Engine Speed Management, and the speed is fixed.
- Press the Headland Turn Sequencing button to record and replay the functions you use most frequently.
- Engage Terralock and it will automatically manage four-wheel drive and differential lock selection.
- Three point hitch levelling and top link extension at the touch of a button.
- Auto PTO will disengage and reengage the PTO during a headland turn.
- Engage and disengage the front and rear PTO instantly.
- Multifunction joystick. The joystick can be set to operate the front linkage or remote valves.
- Electronic remotes. Easy to reach paddles provide fingertip hydraulic operation. Flow and timing can be simply adjusted through the IntelliView™ touch screen.
- EDC mouse. Lift heavy mounted implements with absolute precision.
- Full access to further advanced controls under the padded armrest.

## CHOOSE YOUR GUIDANCE PACKAGE

When ordering your T8, you can choose between a number of guidance packages. This means that your new T8 can arrive direct from the dealer complete with the level of guidance accuracy that you require. Choose your accuracy level right down to the most precise 1.5cm\* option. A must for high value vegetable or root crop farming.

\* Using RTK correction signal.



### FULL LASER LEVELLING INTERFACE

The electro-hydraulic system of T8 tractors is 'plug and play' compatible with a wide range of third-party laser controlled levelling systems.



### NH 372 RECEIVERS

The NH 372 receiver is capable of working with WAAS, EGNOS, OmniSTAR, RTX and RTK correction signals utilizing both the GPS and GLONASS satellite constellations. For RTK applications an integrated radio receiver can be located inside the receiver, or a cellular modem can be used.

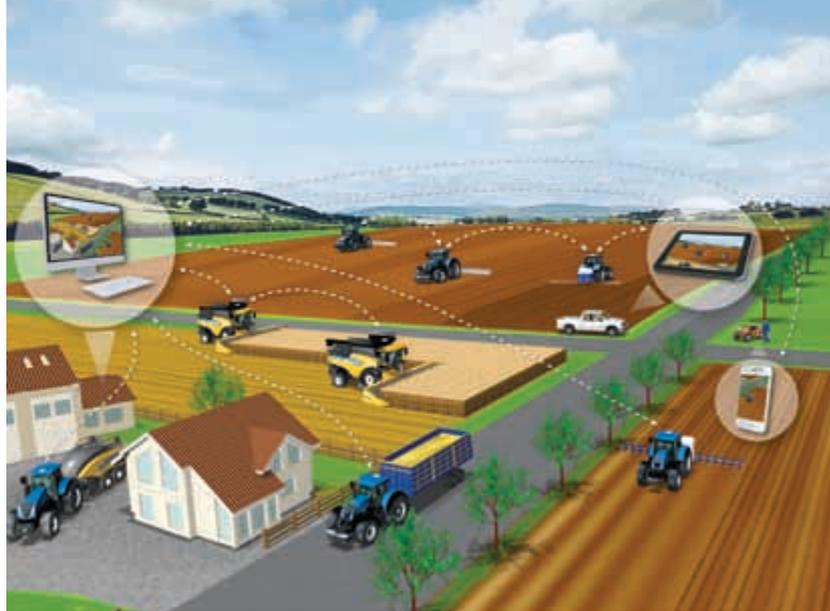


### INTELLISTEER. ON AND OFF SIMPLICITY.

The CommandGrip™ handle incorporates a single button that is used to activate the IntelliSteer system. New Holland makes advanced technology accessible.

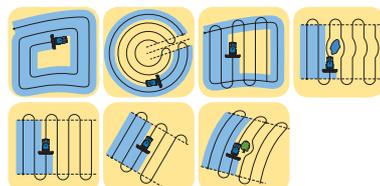
## TELEMATICS: MANAGE YOUR MACHINE FROM THE COMFORT OF YOUR OFFICE

PLM® Connect enables you to connect to your T8 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. The entry-level PLM® Connect Essential package offers the most frequently used features or upgrade to the PLM® Connect Professional package for full machine monitoring and control. In short, PLM® Connect will help you to reduce your fuel bills and improve fleet management and security in one simple package.



## LEVELS OF ACCURACY AND REPEATABILITY

New Holland offers multiple 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 on year repeatability.



### INTELLIVIEW™ – VISIBLE INTELLIGENCE

The IntelliView™ IV monitor enables fingertip programming of a variety of IntelliSteer® guidance paths. You can also personalize your settings simply and easily and also transfer data using PLM® software packages.



### ADVANCED INTELLIRATE™ CONTROL SYSTEM

The T8 can be specified with the optional IntelliRate™ control system. It is operated from the comfort of the cab and uses the IntelliView™ monitor to fine tune inputs and manage section and rate control of sprayers and seeding equipment. This prevents overlaps, controls dosing and seed rates depending on yield data and eliminates gaps; this will optimise inputs to maximise outputs.

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

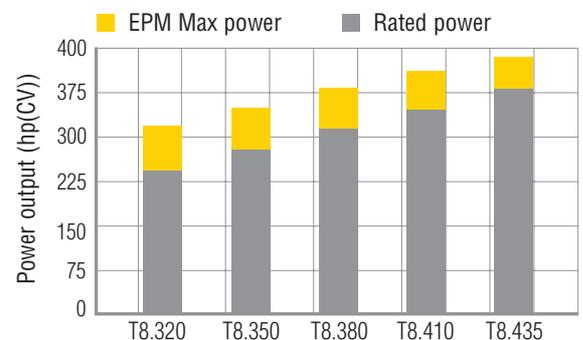
Your T8 tractor is powered by an 8.7L engine, which has been developed by New Holland's sister company FPT Industrial. These engines offer you four key benefits.

- **Performance:** more power, torque, torque back-up and engine power management whilst maintaining outstanding transient response.
- **Efficient operation:** the fuel consumption will be the same or better than your existing T8. You will also benefit from reduced life-long operating costs.
- **Simplicity:** the simpler engine installation ensures a higher power potential and the reduced cooling system technology, delivers efficient operation.
- **Consistency:** no change in vehicle operation.



## SUPERIOR ENGINE PERFORMANCE

The 24-valve cylinder head features four valves per cylinder for increased power, with faster response across the entire power band. A cross flow design provides superior fuel/air mixing, efficient combustion, resulting in improved performance, reduced fuel costs, and reduced emissions. The wastegate turbocharger provides the correct air/fuel mixture regardless of engine rpm, providing a more efficient, faster responding engine. The correct air and fuel mixture produces up to a 53% PTO torque rise at 1400rpm, facilitating greater engine recovery under load. On the two largest models, the variable geometry turbo optimizes the airflow entering the combustion chamber, resulting in more power and torque at low engine speeds and greater efficiency at high engine speeds.



## THE PROOF IS IN THE NUMBERS

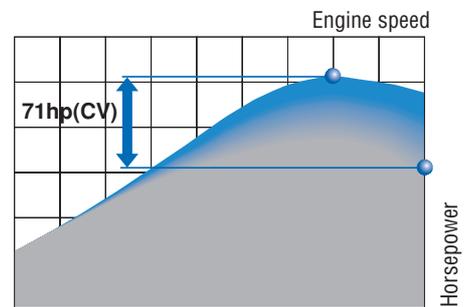
All new Tier 2 compliant T8 tractors benefit from higher rated and maximum powers to boost your output. A T8.320 is rated at 250hp, but with EPM will produce up to 320hp. The T8.350 is rated at 280hp but will deliver up to 351hp. The 311hp T8.380 and 340hp T8.410 develop up to 382hp and 409hp respectively. The mighty T8.435 is rated at 379hp but will produce up to 423hp using EPM technology.



### POWERED BY FPT INDUSTRIAL

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

**Pioneers:** Fiat invented Common Rail technology in the 1980s and brought it to the masses in 1997 on the Alfa Romeo 156. They were the very first to introduce it on agricultural machines on the TS-A tractor. Pioneering. Always.



■ EPM according to the load on transmission, PTO and hydraulics.

### ENGINE POWER MANAGEMENT

Engine Power Management (EPM) is a renowned New Holland tractor feature. In short, the engine develops more power and torque according to the load on the transmission, hydraulics and PTO. On a T8.350 tractor, EPM will deliver up to 70 horsepower extra, but only when it is needed, to maintain performance.

## PROVEN DESIGN, MODERN CONTROL

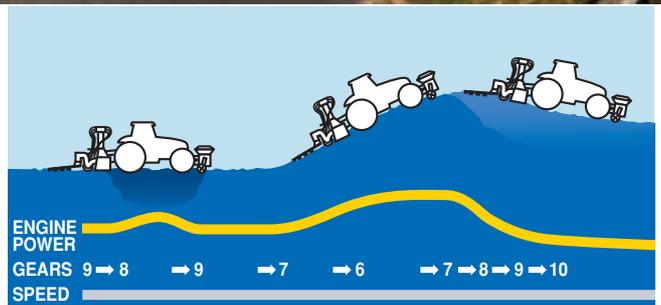
### A FULL POWERSHIFT UP TO 410HP(CV)

Ultra Command™ full powershift transmissions match proven mechanical efficiency to New Holland ease of control. The result? A transmission that is really easy to set up and operate with a speed to perfectly match every application. In short, it's the most efficient full powershift available today. Available on the T8.320 - T8.410 models, the CommandGrip™ handle provides fingertip access to automated features, that include Ground Speed Management. Choose between 18x4, 19x4 (40kph ECO or 50kph) direct drive and 23x6 with creeper options. Ease of use comes as standard.



### GSM. INTELLIGENT AUTOMATION

New Holland Ground Speed Management, GSM, 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 to optimise performance and economy. Simple to set up and extremely efficient, GSM is well proven and dependable.



### FIXED FORWARD SPEED? GSM TAKES CARE OF IT

When load conditions change in the field, GSM will automatically maintain a fixed forward speed. The operator first sets the desired working speed and then selects the GSM function. The automated system will then match engine and transmission speeds to maintain this fixed forward speed, to deliver the perfect balance between maintaining productivity without compromising economy.



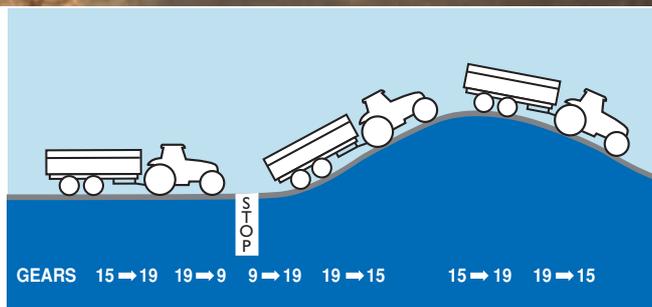
### INTELLIVIEW - GEAR AND SPEED AT A GLANCE

The standard IntelliView™ IV display is configurable to provide a dedicated information panel to the left side of the screen, giving a clear read out of the selected transmission ratio and tractor speed.



### ULTRA COMMAND POWERSHUTTLE

The forward reverse shuttle is operated via the steering column or the CommandGrip™ handle fitted on the SideWinder™ II armrest. It can be programmed to automatically manage transmission shifts during a direction change to match or alter forward and reverse speeds. For ultra safe parking, the park lock is easily engaged using the shuttle lever.



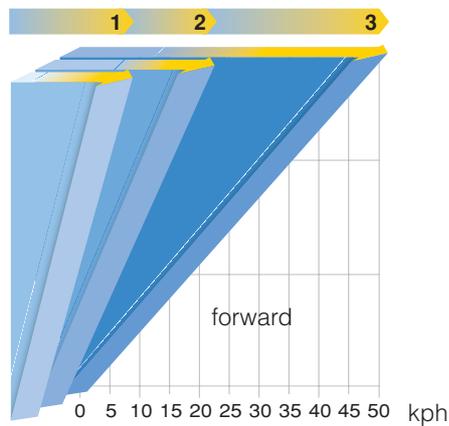
### FULL COMMAND IN TRANSPORT

During road transport, GSM will automatically shift the transmission according to load and throttle settings. Starting from your pull-away gear, GSM will auto shift the ratio all the way to your top speed.

# INNOVATIVE AUTO COMMAND™ TRANSMISSION OFFERS ADVANCED NEW HOLLAND FEATURES

Designed and built by New Holland, over 25,000 multi award-winning Auto Command™ continuously variable transmission (CVT) have been built. This all new CVT transmission, available on across the entire T8 range, benefits from four direct drive points with 100% mechanical efficiency which have been precision engineered to ensure that they perfectly match to 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. Quite simply, it is the smoothest and most productive CVT around.

## THREE ADJUSTABLE TARGET SPEEDS



## A SPEED FOR EVERY NEED

Auto Command technology allows the operator to set a target speed of between 30m/hr right through to 50km/hr and regulate it to the nearest 0.01km/hr. No steps. No range changes. Just seamless speed to match your every need.



## MAKING THE MOST OF AVAILABLE TORQUE

New Holland has developed its Auto Command™ transmissions so they can exploit the low running speed, high torque FPT Cursor 9 engines. With 40kph ECO, the engine can run at a fuel efficient 1400rpm.



- 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.
- Target speed adjustment – set a target speed to match your exact needs. Perfect when moving between fields or when crop yields have altered.
- Target speed selection – allows you to change between three target speeds
- **4 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.



### **FAST DIRECTION CHANGES**

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



### **ACTIVE STOPSTART**

A key safety feature of Auto Command is Active StopStart. When the tractor is brought to a standstill, the transmission prevents the tractor moving backwards or forwards. Even with a heavy load. When the transmission takes up drive there is no risk of roll back on steep inclines.



### **BALANCING FUEL ECONOMY AND PRODUCTIVITY**

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.

## LONG WHEELBASE FOR COMFORT AND AGILE PRODUCTIVITY

The new T8 range has the longest wheelbase in the segment. Ultra Command models boast a 3450mm wheelbase, which has been further stretched to a mighty 3550mm on the T8.435, that is a full 500mm, an impressive half a metre longer than the nearest competitor, all contained within an overall length of a mere 6469mm. A longer wheelbase means greater stability at high transport speeds and more traction for demanding heavy drawbar applications, all of this is achieved with lower ballasting requirement. You no longer have to choose. With New Holland, choice comes as standard.



← **COMPETITION WHEELBASE**

← **NEW T8 WHEELBASE**



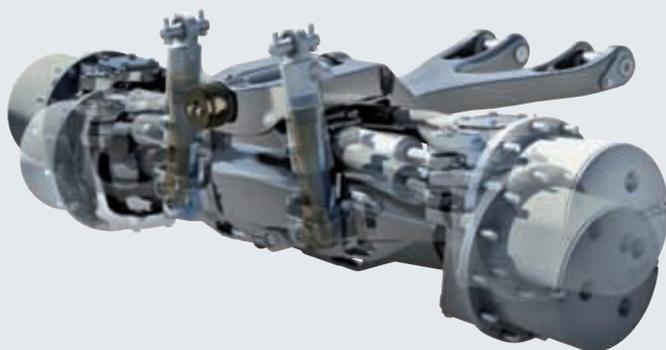
### TERRALOCK TRACTION MANAGEMENT

Terralock will automatically manage the engagement of drive to the front axle and the locking of the front and rear differentials. To improve productivity, the system takes care of drive during a headland turn to optimise manoeuvrability.



### HEAVY DUTY AXLES FOR HEAVY DUTY PERFORMANCE

The heavy duty axle is fitted to the T8.435 as standard. The 127mm bar axle is designed to cope with the massive power and torque developed from the Cursor 9 engine and transmit it into tractive force. It can also accommodate the largest 2.15m tyres, such as the 900/60R42 option.



### TERRAGLIDE™ FRONT AXLE SUSPENSION

New Holland Terraglide™ front axle suspension is proven to protect the tractor, mounted implements and the operator from heavy shock loads during transport and in the field. Now it offers the added benefit of an improved turning angle. Combined with Comfort Ride™ cab suspension, you can now enjoy a smoother ride with no compromise in agility.

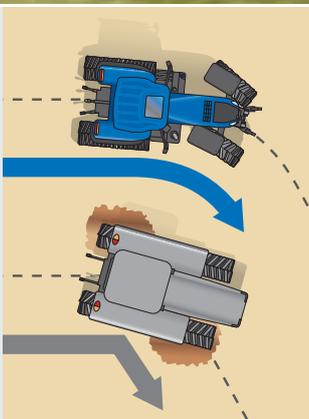
## SMARTTRAX. THE HALF-TRACK ADVANTAGE.

SmartTrax T8 models represent a key advance in conventional tractor design, combining the in field advantages of a wheeled tractor with the flotation and traction benefits of a tracklayer. Factory developed specifically for the T8 series and available on T8.380, T8.410 and T8.435 models, SmartTrax are not simply a 'bolt-on' alternative to rear wheels. Detailed modifications to the transmission and driveline ensure maximum power and torque can be transmitted to the tracks for dependable performance in the most demanding of applications.



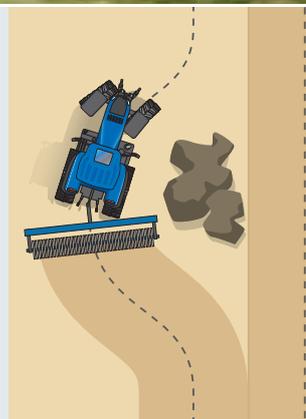
### COMFORT AS STANDARD

Solid tracks cannot deliver the same cushioning from shock loads as a tyre. With T8 SmartTrax, the optional specially tuned suspended front axle and standard cab suspension help to cushion the ride for a genuine comfort advantage over a twin-track machine.



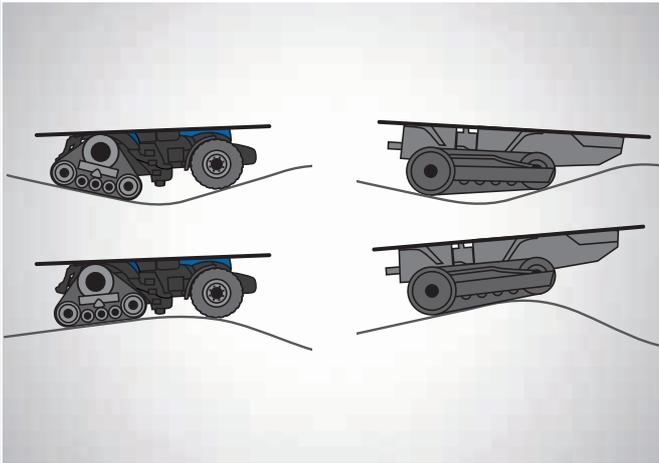
### TURN WITHOUT THE BERM

During a tight headland turn, a tracklayer can cause damage to the soil, creating a "berm" ridge. With SmartTrax, tight turns are cleaner and less damaging. The result: no more rough headlands.



### FULL POWER TURNS

When working on headlands or around obstacles, where an element of turning is required with the implement still in the ground, SmartTrax has the advantage of allowing full power to be maintained throughout the turn. With SmartTrax, forward motion is not compromised by steering.



### CONTOUR FOLLOWING

Over uneven terrain, the pivoting SmartTrax undercarriage can articulate to follow the ground. Result? Continuous soil contact and the ability to work in diverse conditions and terrain for true New Holland versatility.



### TERRALOCK™ ADVANTAGE

The combination of driven front wheels and SmartTrax deliver outstanding traction. Powered front wheels deliver the agility of a conventional tractor while the Terralock™ differential lock management system ensures the tractor stays on line in work, without snaking in greasy patches, unlike twin-track machines. In high draft applications, a T8 SmartTrax delivers the optimum balance between power and performance.



### GET ON, STAY ON

Get going sooner, keeper working longer. A lighter footprint has obvious advantages in helping to reduce compaction. But it delivers more. With SmartTrax you can start working earlier and stay working later in conditions that could compromise a twin-track tractor. Productivity and soil care can go hand in hand.

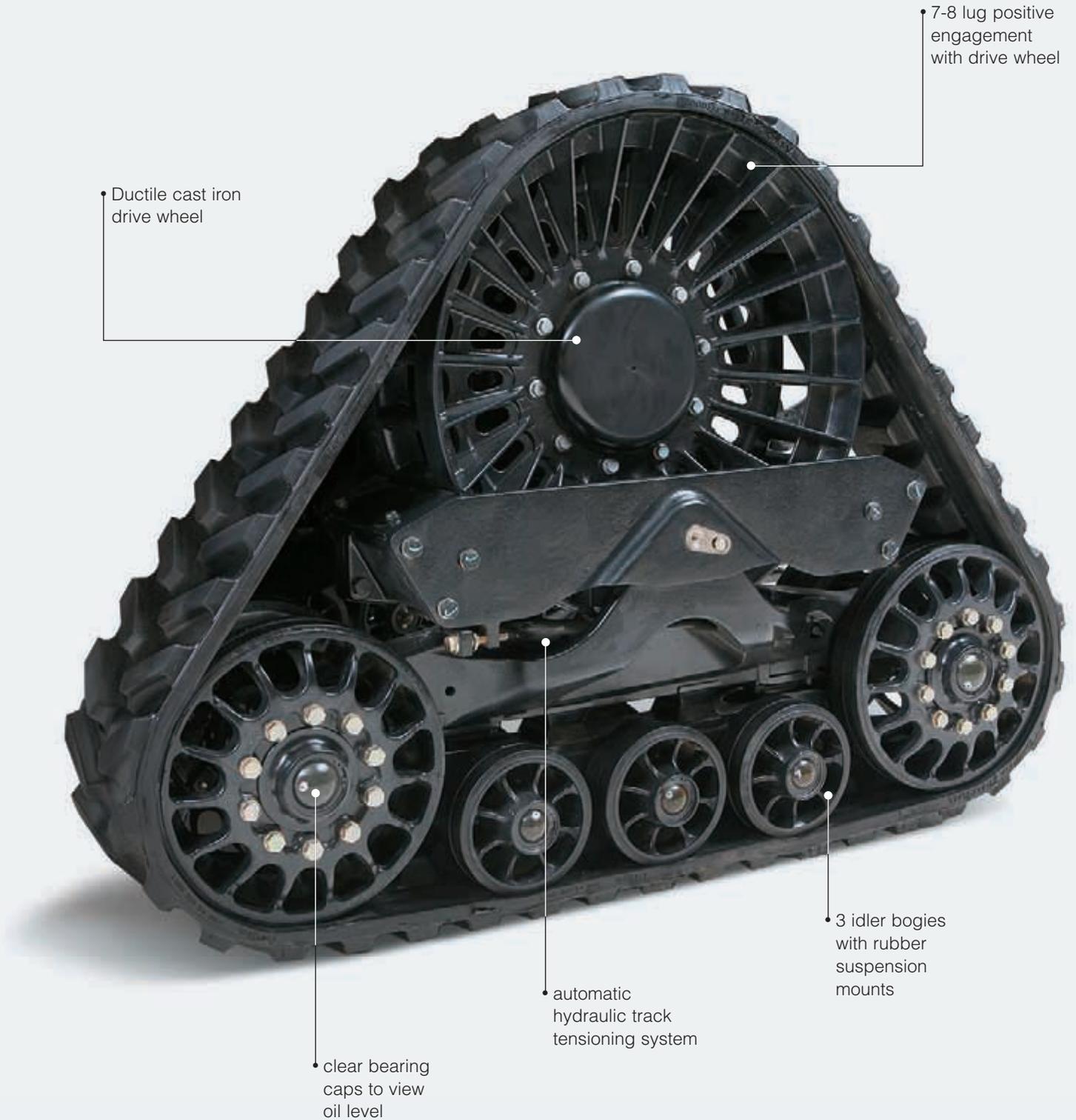


### VERSATILITY GUARANTEED

The integrated front linkage and PTO option is fully compatible with ground engaging front implements, so it is not just a weight carrier. Another unique advantage of T8 SmartTrax.

## ON THE RIGHT TRACK

New Holland's SmartTrax™ rubber track technology is the fruit of many years of intensive research and development in collaboration with farmers the world over. SmartTrax™ feature some of the most advanced technology to ensure they deliver in your fields. Day in. Day out. All year round.



**+325%**

**HIGH CONTACT AREA**



IF 710/75R42

76.2cm SmartTrax™

### HIGH FLOTATION

The ground contact area of a SmartTrax track will be up to 325% greater than a tyre. Spreading the load reduces compaction.

### TRACK WIDTH

SmartTrax can be fitted with tracks of 40.6, 45.7, 61 and 76.2cm width. From row crop to broad acre farming, there is a SmartTrax option to fit your specific needs.



### SMARTTRAX TRACK SIZE

**40.6CM**

**45.7CM**

**61CM**

**76.2CM**

193cm spacing (Factory)	●	●	●	–
203.2cm spacing (Factory)	●	●	●	–
223.5cm spacing (Factory)	●	●	●	●
304.8cm spacing (Factory)	●	●	●	●*
345.4cm spacing (DIA)	●	●	●	●
365.8cm spacing (DIA)	●	●	●	●
386.1cm spacing (DIA)	●	●	●	●

● Available – Not available \* Not available from factory, but are available as a Dealer Installed Accessory (DIA)



### TRACK SPACING

Developed for World markets, T8 SmartTrax models can be supplied with a track spacing from 193cm to a wide 386.1cm. How's that for New Holland versatility?

## READY FOR MODERN DEMANDS

### HEAVY MOUNTED EQUIPMENT MEETS BIG LIFT CAPACITY

With a lift capacity of up to 10,927kg, a T8 series tractor has the rear linkage capacity to cope with the heaviest of rear attachments. Of equal importance, high capacity hydraulics have the power to raise the linkage quickly for a speedy headland turn. With HTS, you can set the linkage raise and lower positions as part of an automated turn sequence.





### FACTORY FITTED FRONT LINKAGE AND PTO

From the outset, the T8 tractor series was designed to work with a front linkage. The slim engine hood provides excellent forward visibility. The balanced long wheelbase makes it easier to make full use of the linkage's 5810kg lift capacity. Integrated electronic front linkage controls are within easy reach of the operator. A retrofit front linkage and PTO package is also available.



### HEADLAND TURN SEQUENCING

For complex applications, including operating a front linkage, HTS really can reduce operator fatigue. Of equal importance, the operator can use HTS to manage a selection of operations but leave others to manual control. It is up to the operator. Set up is simply a case of recording the desired operations at the headland. The actions can then be repeated, automatically, by pressing a button on the CommandGrip™ handle.

### FLEXIBLE BALLASTING

Thanks to New Holland's optional fully integrated front linkage, ballasting is now even easier. You can choose between a whole host of front ballasting options to perfectly suit each individual application.

## SUPER-SIZE PERFORMANCE FOR OUTSTANDING PRODUCTIVITY

From the drawing board right through to the tractors in the field, a key aim has been to design in maximum versatility. EPM is available to maintain constant PTO performance and hydraulic output. Massive performance with optimum economy. The T8 reaches rated PTO speed at reduced engine speed for maximum fuel efficiency. With New Holland T8 versatility comes as standard.



### PTO

A front mounted 1000rpm PTO is available, whilst at the rear, either a 540/1000rpm shaft or a heavy duty 20 spline 1000rpm shaft is offered. PTO management is integrated into the HTS system.





### UP TO 6 ELECTRONIC REMOTES

T8 remote valves are easy to identify with colour coded couplers and levers. All six remotes can be controlled without moving away from the SideWinder™ II armrest, allowing you to identify and work each remote with exact precision. Four finger tip remote levers are centrally located on the armrest, and two valves are controlled either using the two additional paddles located to the right of the IntelliView™ monitor, or by using the CommandGrip handle. Alternatively, a joystick can be mounted in place of the fifth and sixth paddles. Flow, timing and detent settings can be set to precisely match the job. Each valve can also be programmed into the Headland Turn Sequencing system.

### FLOW CONTROL USING THE INTELLIVIEW MONITOR

The IntelliView™ IV touchscreen monitor makes setting flow rates to individual valves simple. Scroll through the menus and select valve control. Choose the outlet you wish to adjust, and drag the slider with your finger to the desired setting. Job done.

### MEGAFLOW™ PUMP

Standard hydraulic flow is a generous 157 litres per minute. With an additional MegaFlow™ pump, capacity climbs to a massive 279 litres per minute\*. With Engine Power Management, full hydraulic capacity can be exploited in demanding conditions, with up to 71hp(CV) of extra power available.

\* Ultra Command™ models



# 360°: T8

The new T8 range has been designed to spend more time working and less time in the yard. All service points are easy to access, and super long service intervals mean they will spend more time in their natural environment: the field!

Right hand steps to assist in cleaning right hand window to improve visibility when working.



• Single piece engine hood opens wide for full service access.

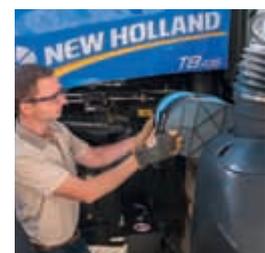
• Top up the screen wash bottle through the rear window.

• A built in step makes reaching the front screen for cleaning safe and secure.



• Cooling package opens out to make cleaning faster and easier.

• Engine and hydraulic oil check and fill points are easy to reach making routine checks fast and servicing simpler. Engine service intervals have been extended by 100% to 600 hours.



Check, clean or replace the engine air filter without raising the engine hood.

## DEALER INSTALLED ACCESSORIES

A comprehensive range of approved accessories can be supplied and fitted by your dealer.



# BEYOND THE PRODUCT

## TRAINED TO GIVE YOU THE BEST SUPPORT

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through on-line courses as well as intensive practical field based courses. This advanced approach ensures your dealer will always have access to the skills needed to look after the latest and most advanced New Holland products.

## UNLIMITED SUPPORT FOR UNLIMITED SATISFACTION

New Holland gives you all the support you need, especially during the season with fast-track solutions: because your harvest can't wait! In addition, New Holland drives and tracks the solution you need, keeping you informed: until you are 100% satisfied!



**DO NOT RISK YOUR MACHINE'S LIFE.  
BUY CNH INDUSTRIAL ORIGINAL PARTS!**



## MODELS

## T8.320

## T8.350

## T8.380

## T8.410

## T8.435

Engine*	FPT Cursor 9				
No. of cylinders / Aspiration / Valves	6/WT/4	6/WT/4	6/WT/4	6/eVGT/4	6/eVGT/4
Compliant with engine emissions regulations	Tier 2 / Stage 2				
Fuel system - High pressure Common Rail	●	●	●	●	●
Capacity (cm <sup>3</sup> )	8700	8700	8700	8700	8700
Bore and Stroke (mm)	117x135	117x135	117x135	117x135	117x135
Approved biodiesel blend**	B7	B7	B7	B7	B7
Max. EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	235/320	258/351	281/381	301/409	311/423
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	209/284	232/315	255/347	275/374	307/417
Rated EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	210/286	232/315	255/347	276/375	296/402
Rated horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	184/250	206/280	229/311	250/340	279/380
Rated engine speed (rpm)	2000	2000	2000	2000	2000
Max. torque - ISO TR14396 @ 1300 - 1400rpm with EPM (Nm)	1407	1558	1708	1800	1820
Torque rise Standard / EPM (%)	40 / 40	40 / 41	40 / 40	40 / 37	36 / 29
Viscous coupled cooling fan	●	●	●	●	●
Earth friendly engine oil filter	●	●	●	●	●
Exhaust brake	○	○	○	○	○
Diesel capacity Auto Command (Litres)	609	609	609	609	609
Diesel capacity Ultra Command (Litres)	647	647	647	647	-
Diesel capacity SmartTrax™	-	-	670	670	670
Service interval (hours)	600	600	600	600	600
<b>Ultra Command™ Full-Powershift transmission</b>					
IntelliShift™ system	●	●	●	●	-
Ground Speed Management system (GSM)	●	●	●	●	-
<b>18x4 Ultra Command™ Full-Powershift (40 kph)</b>	●	●	●	●	-
Min. Speed (kph)	3.35	3.34	3.34	3.51	-
<b>19x4 Ultra Command™ Full-Powershift (40 kph ECO or 50 kph)</b>	○	○	○	○	-
Min. Speed (kph)	3.35	3.34	3.34	3.51	-
<b>23x6 Ultra Command™ Full-Powershift (40 kph with Creeper)</b>	○	○	○	○	-
Min. Speed (kph)	0.98	0.97	0.97	1.02	-
<b>Auto Command™ Continuously Variable Transmission</b>	○	○	○	○	●
Active StopStart function	●	●	●	●	●
Force base propulsion control	●	●	●	●	●
<b>Auto Command™ Continuously Variable Transmission (40 kph ECO)</b>	○	○	○	○	●
Min. speed / Max. speed @ 1400rpm (kph)	0.03 / 40	0.03 / 40	0.03 / 40	0.03 / 40	0.03 / 40
<b>Auto Command™ Continuously Variable Transmission (50 kph)</b>	○	○	○	○	○
Min. speed / Max. speed @ 1725rpm (kph)	0.03 / 50	0.03 / 50	0.03 / 50	0.03 / 50	0.03 / 50
<b>Electrical</b>					
12 volt alternator (Amps)	200	200	200	200	200
Battery capacity (CCA)	1900	1900	1900	1900	1900
<b>Axles</b>					
4WD front axle	●	●	●	●	●
Terraglide™ front axle suspension	○	○	○	○	○
Steering angle Standard / Terraglide™ front axle (°)	55 / 55	55 / 55	55 / 55	55 / 55	55 / 55
Turning radius with Standard / Terraglide™ front axle (mm)	4970 / 4970	4970 / 4970	4970 / 4970	4970 / 4970	4970 / 4970
SmartTrax turning radius with Standard / Terraglide™ front axle (88 track width setting) (mm)	-	-	6858	6858	6858
Terralock™ functions	●	●	●	●	●
Dynamic front fenders	○	○	○	○	○
Bar rear axle	●	●	●	●	●
Heavy-duty bar rear axle	-	-	-	○	●
<b>Hydraulics</b>					
Closed Centre Load Sensing (CCLS)	●	●	●	●	●
Standard/MegaFlow™ pump (flow available at couplers) Ultra Command™ (Lpm)	157/279	157/279	157/279	157/279	-
Standard/MegaFlow™ pump (flow available at couplers) Auto Command™ (Lpm)	157/271	157/271	157/271	157/271	-
Electronic Draft Control (EDC)	●	●	●	●	●
<b>Remote valves</b>					
Type	Electro hydraulic				
Max. no. rear valves	6	6	6	6	6
Joystick control	○	○	○	○	○
<b>Linkage</b>					
Rear linkage category	III / IIIN	III / IIIN	III / IIIN	IVN / III	IVN / III
Max. lift capacity at ball ends (kg)	8843	8843	9705	10927	10927
Front linkage category	II	II	II	II	II
Front linkage lift capacity (610mm in front of ball ends) (kg)	5810	5810	5810	5810	5810
<b>PTO</b>					
Auto Soft Start	●	●	●	●	●
Engine speed at:					
540 / 1000 rpm (rpm)	1804	1804	1804	1804	1804
Auto PTO management	●	●	●	●	●
Front PTO (1000rpm)	○	○	○	○	○
<b>Brakes</b>					
Exhaust brake	○	○	○	○	○
Electronic park brake	●	●	●	●	●
Hydraulic trailer brakes	○	○	○	○	○
Pneumatic trailer braking system	○	○	○	○	○

## MODELS

**T8.320**
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<b>Cab</b>					
Cab with FOPS - OECD code 10 level 1	●	●	●	●	●
Cab category level - EN 15695	2	2	2	2	2
High visibility RHS window	●	●	●	●	●
HID/LED lighting pack	○	○	○	○	○
Auto Comfort™ seat with seat belt	○	○	○	○	○
Auto Comfort™ leather seat with seat belt	○	○	○	○	○
Instructors seat with seat belt	○	○	○	○	○
Luxury Pack (Leather Steering wheel and carpet)	○	○	○	○	○
SideWinder™ II armrest	●	●	●	●	●
CommandGrip™ handle	●	●	●	●	●
Electronic adjustment of SideWinder™ II armrest	●	●	●	●	●
Air conditioning	●	●	●	●	●
Automatic climate control	●	●	●	●	●
Air recirculation filters	●	●	●	●	●
MP3 Radio	○	○	○	○	○
MP3 Bluetooth Radio (hands free phone calls)	○	○	○	○	○
Electronic remotely adjustable mirrors with wide angle lens	○	○	○	○	○
Comfort Ride™ cab suspension	○	○	○	○	○
Headland Turn Sequencing (HTS)	●	●	●	●	●
Fender mounted external controls	●	●	●	●	●
A pillar Performance Monitor with enhanced key pad	●	●	●	●	●
IntelliView™ IV colour monitor with ISO 11783 connector	●	●	●	●	●
IntelliSteer® guidance ready	○	○	○	○	○
PLM® Connect Telematics	○	○	○	○	○
Optimum cab noise level - 77/311 EEC (dB(A))	67	68	68	69	69
Factory fit rotating beacons (1 / 2)	○	○	○	○	○
<b>Weights</b>					
Minimum unballasted / shipping weights:					
Standard front axle (kg)	10715	10840	10840	10915	12514
SmartTrax standard front axle (kg)	–	–	16300	16300	16300
Terraglide™ suspended front axle (kg)	11235	11360	11360	11440	13039
SmartTrax Terraglide™ suspended front axle (kg)	–	–	16500	16500	16500
Max. permissible weight at 50kph*** (kg)	17500	17500	17500	18000	18000
SmartTrax max. permissible weight at 40kph (kg)	–	–	20000	20000	20000

● Standard ○ Optional – Not available \* Developed by FPT Industrial

\*\* Biodiesel blend must fully comply with the latest fuel specification EN14214:2009 and operation is in accordance with operator manual guidelines \*\*\* European Highway restrictions



## DIMENSIONS

With rear tyre size***		620/70R42	710/70R42	900/60R42****	40.6cm SmartTrax	61cm SmartTrax	76.2cm SmartTrax
<b>A</b> Overall length inc. weight pack and rear linkage (mm)		6247	6247	6477	6606	6606	6606
<b>B</b> Min. width (mm)		2534	2534	2534	2787	2787	2997
<b>C</b> Height at centre of rear axle to top of cab (mm)		2475	2475	2475	2472	2472	2472
<b>D</b> Overall height (mm)		3338	3407	3435	3450	3450	3450
<b>E</b> Wheelbase Ultra Command / Auto Command (mm)		3450 / 3500	3450 / 3500	3550	3550 / 3550	3550 / 3550	3550 / 3550
<b>F</b> Track width (min. / max.) (mm)		1727 / 2235	1727 / 2235	1727 / 2237	1930 / 3860	1930 / 3860	2235 / 3860
<b>G</b> Ground clearance (depends on hitch or tow hook) (mm)		378	364	409	441	441	441

\*\*\* Rear tyres other than those mentioned are available: 650/85R38, 710/70R38, 800/70R38, 710/75R42, 900/60R38

\*\*\*\* Ultra Command model only when fitted with Heavy-duty rear axle

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