



# NEW HOLLAND T8

T8.275 | T8.300 | T8.330 | T8.360 | T8.390 | T8.420



# TAKING CONTROL AND POWER TO A WHOLE NEW LEVEL



## MORE POWER AND PRODUCTIVITY

T8 tractors are the most powerful conventional tractors in the world. The new, range topping T8.420 model, together with the entire line-up is equipped with a state of the art Cursor 9 power plant, boasting ECOBlue™ SCR technology for Tier 4A compliance. This offers outstanding engine breathability for enhanced productivity, especially when working under heavy load. Significant improvements in transient response mean zero slowdown in changeable conditions. All models benefit from Engine Power Management which offers more power in demanding hydraulic, PTO and transport applications; up to a full 52hp(CV) of EPM is available on the T8.420.



## 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 68dB(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 T8 tractor range offers 360° farming performance. 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

Quite simply, the T8 range can significantly lower your operating costs, by up to an impressive 17% when compared to Tier 3 models. Ultra-efficient ECOBlue™ SCR technology offers fuel savings of up to 10%. 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 super 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

T8 tractors offer improved performance thanks to the Tier 4A ECOBlue™ SCR advantage, and these productivity enhancing characteristics are immediately obvious to all users. How? Quite simply, it is on the bonnet. The first two digits 'T8' refer to the tractor's category and the following three, for example '420', 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.

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

|        |     |
|--------|-----|
| T8.275 | 273 |
| T8.300 | 298 |
| T8.330 | 327 |
| T8.360 | 357 |
| T8.390 | 389 |
| T8.420 | 419 |



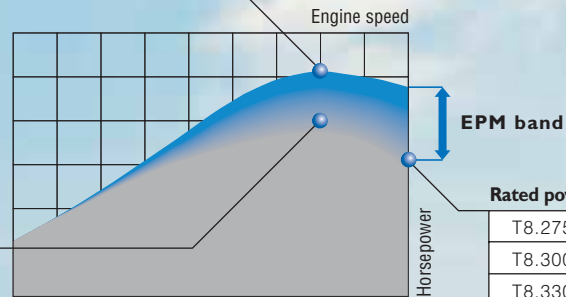
These are maximum engine powers that the T8 range can deliver for mobile PTO and high speed haulage tasks.

### Max power [hp(CV)]

|        |     |
|--------|-----|
| T8.275 | 258 |
| T8.300 | 282 |
| T8.330 | 312 |
| T8.360 | 342 |
| T8.390 | 373 |
| T8.420 | 404 |



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



### Rated power [hp(CV)]

|        |     |
|--------|-----|
| T8.275 | 235 |
| T8.300 | 257 |
| T8.330 | 284 |
| T8.360 | 311 |
| T8.390 | 340 |
| T8.420 | 367 |

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 customisable 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 super efficient Ultra Command, the most powerful full powershift on the market, transferring full engine power to the ground thus further reducing fuel consumption. The IntelliView™ III colour touch screen is standard, but upgrade to the IntelliView™ IV for true widescreen operation, 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. 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: if you encounter an area of compaction, the engine will respond immediately for zero slowdown. Ground Speed Management, in the UltraCommand transmission, 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 uncluttered cabs for unfettered visibility. All key controls fall perfectly to hand on the multi award winning SideWinder™ II armrest. Use the fully automated Headland Turn Sequence 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.



#### 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 silky 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 sky 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 transmissions offers precision speed control and 274 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 68dB(A), T8 CABS ARE THE QUIETEST IN THE BUSINESS**

## AT 68dB(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 IntelliView™ touchscreen. It doesn't take long to get used to excellence.



### 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.



### **NEW HOLLAND VISIBILITY**

New Holland T8 tractors have a five-pillar cab design with fully glazed doors. This is perfectly matched with a slim engine hood, curvaceous fenders and a compact overall design. This all combines to ensure the operator has brilliant 360° visibility.

### **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 Bluetooth option.

### **CUSTOMISE YOUR WORKING ENVIRONMENT**

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



### **AUTO COMFORT™ SEAT**

Operator comfort is a key New Holland priority. The optional advanced Auto Comfort™ seat automatically adjusts to the weight of the operator. Offering precision controlled damping, the seat automatically reacts to shock loads before they reach the operator.



### **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 lighting package. The operator can set up the lights to match a broad range of applications for safer, more productive operation.

## 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™ TOUCHSCREEN MONITOR

All the information you need at a glance. Choose between the standard IntelliView™ III or the optional 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.

- Headland turn sequencing, HTS. Press to record, store and activate automated headland turn.
- Finger tip control for up to two remote valves.
- Rear linkage raise lower.
- Optional IntelliSteer® autoguidance, automated steering engagement.
- Forward reverse shuttle switch.
- Change transmission ratio up and down.
- Ground Speed Management, GSM. Transmission and engine work together to optimise performance.







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



### 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.

### 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, HTS headland turn sequencing, Auto PTO or ESM Engine Speed Management.



- Select paddle or joystick control for remote valves 3 and 4.
- 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.
- Auto PTO will disengage and reengage the PTO during a headland turn.
- Three point hitch levelling and top link extension at the touch of a button.
- Multifunction joystick. The joystick can be set to operate the front linkage, or remote valves.
- EDC mouse. Moulded design allows its position to be exchanged with the Multifunction joystick.
- Electronic remotes. Easy to reach paddles provide fingertip hydraulic operation. Flow and timing can be simply adjusted through the IntelliView™ touchscreen.
- Full access to further advanced controls under the padded armrest.
- Electronic SideWinder™ II adjustment. Move the armrest to the position that suits you.



# NEW HOLLAND GUIDANCE SYSTEMS TO MATCH YOUR FARMING NEEDS

## ALL WIRED UP READY FOR YOUR CHOSEN GUIDANCE SYSTEM

Series T8 tractors can be specified with a fully integrated New Holland designed and developed IntelliSteer® Automatic Steering System. Matching DGPS or RTK Technology to fully integrated control, IntelliSteer helps ensure parallel pass to pass accuracy of up to 1-2cm\*. IntelliSteer is ideal for precision work in even the most demanding situations. It is designed to dramatically improve operator performance and comfort. All this and more at the touch of a button.

\* Using RTK correction signal.

## FULLY INTEGRATED INTELLISTEER® GUIDANCE

Guidance system choice will relate to the intended applications and the need to integrate with existing systems. With T8 series tractors, all IntelliSteer options operate via factory installed systems that facilitate installation and upgrades. This enables the selected package to be modified and upgraded simply and more economically.



## INTELLIVIEW - VISIBLE INTELLIGENCE

The standard IntelliView™ III and optional IntelliView™ IV monitors can be used to set up the optional New Holland auto guidance systems, and include a visual interface that can be employed when operating the IntelliSteer® system. The IntelliView™ monitors have a touchscreen display which allows the programming of a variety of guidance paths, from straight A-B runs to the most complex adaptive curves. You can also personalize your settings simply and easily and even transfer information from your tractor, direct to your PLM® Software package.

## INTEGRATED CONTROL SYSTEMS

The New Holland IntelliSteer® System uses built in T3™ terrain compensated correction signals (roll, pitch, yaw) to keep the Navigation Controller II informed of the tractor's orientation. Also integrated into the hydraulic system is a control valve which converts the signals from the Navigation Controller II into hydraulic movements of the steering system.

## 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 offer five 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.



## RTK BASE STATION

An RTK base station can be used to broadcast a correction signal to achieve a pass to pass accuracy of 1-2cm.



## 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.



## 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.

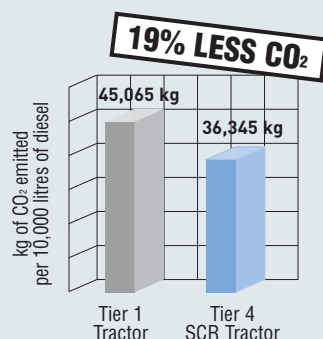
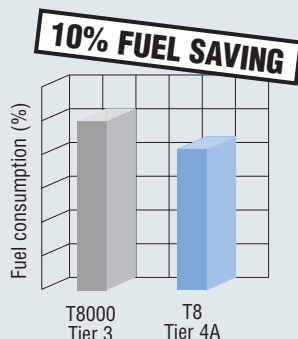
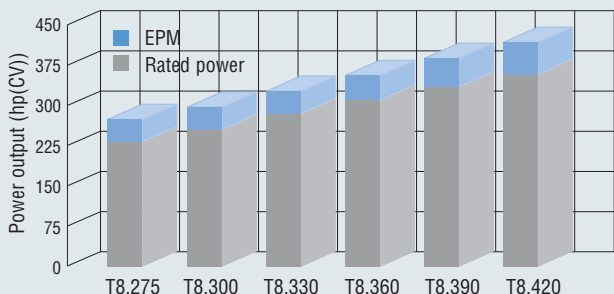
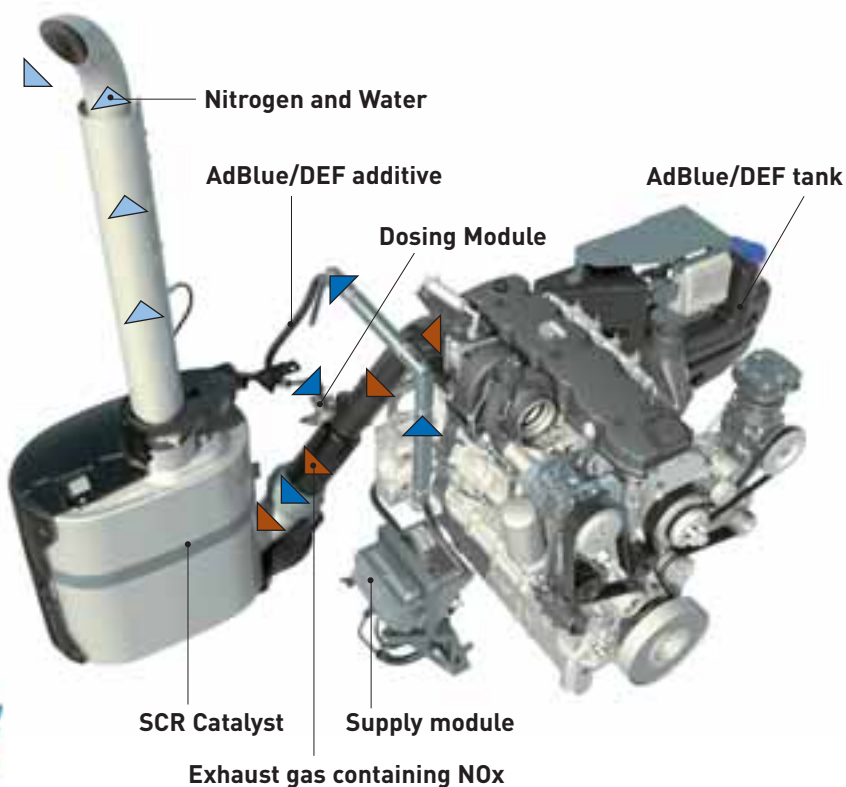


## NH 372 RECEIVERS

The NH 372 receiver is capable of working with EGNOS, OmniSTAR, GLONASS or RTK correction signals. For RTK applications an integrated radio receiver is located inside the main receiver.

# CLEAN AND PRODUCTIVE. POWERFUL AND EFFICIENT.

T8 tractors are powered by ECOBlue™ SCR Cursor 9 engines which are designed and developed in-house by FPT Industrial. As part of the Clean Energy Leader® strategy, proven SCR technology uses AdBlue to transform the harmful nitrogen oxides contained in the exhaust gas into harmless water and nitrogen. This after-treatment system is separate from the main engine which means only clean, fresh air is fed into the engine. What does this mean? Clean running power units that offer improved performance, greater reactivity and enhanced fuel efficiency.



## SCR YOUR POWER GUARANTEE

The six model T8 range guarantees high productivity. Always. With rated powers that span 235-367hp(CV), and with up to an additional 52hp(CV) on tap from EPM technology, your T8 tackles even the most demanding tasks with relish. Power to weight ratios as high as 27.3kg/hp(CV) reduce fuel bills and soil compaction to maintain productivity season after season.

## SAVE FUEL TO REDUCE YOUR CARBON FOOTPRINT

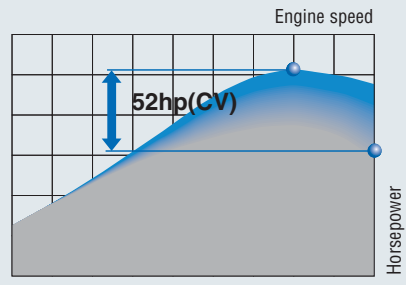
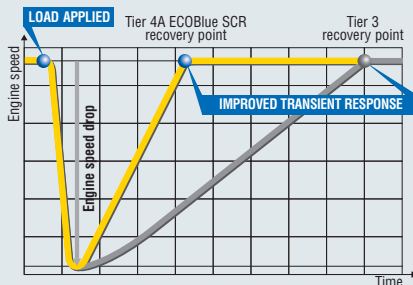
Emissions released from burning diesel are a significant contributor to farms' overall carbon footprints. ECOBlue™ SCR technology for Tier 4A compliance reduces NOx emissions and the T8 range's fuel consumption by up to 10%, bringing about a substantial cut in you farm's carbon emissions. Visit [www.carbonid.newholland.com](http://www.carbonid.newholland.com) to find out just how much carbon you could save!



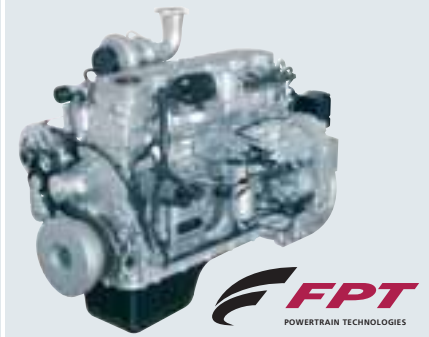
*Sustainable Efficient Technology*

## ENGINE SPEED MANAGEMENT

In applications where a constant PTO speed is required, the operator can select Engine Speed Management. This will ensure this selected speed is accurately maintained under changing loads. This means that a fixed forward speed will be maintained even on challenging terrain.



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



## MAINTAINING PERFORMANCE. ALWAYS

Here at New Holland we're passionate about transient response. You might think so what. But it's your productivity guarantee. Put simply, as your Cursor 9 engine only breathes clean fresh air it can react even quicker when placed under load. Significantly quicker in fact. Therefore, when you're transporting fully laden grain trailers and you encounter a hill, you'll be able to maintain constant forward speed with no slow down. Transient response. We've got it covered.

## ENGINE POWER MANAGEMENT

Engine Power Management 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 T8.420 tractor, EPM will deliver up to 52hp(CV) extra but only when it is needed to maintain performance.

## POWERED BY FPT INDUSTRIAL

New Holland are not going it alone when it comes to Tier 4 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.

**Cleaner:** Fiat SpA for the last five consecutive years has the lowest average CO<sub>2</sub> emissions of any automotive manufacturer in Europe. Cleaner. Everywhere.

**Proven:** FPT Industrial has pioneer SCR technology since 1995 and has already produced over 350,000 SCR engines during the last six years for the agricultural, construction and haulage industries. Reliability. Confirmed.

# PROVEN DESIGN, MODERN CONTROL

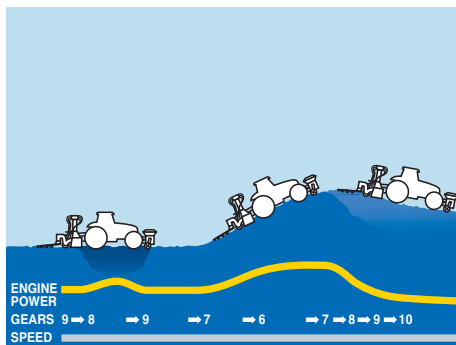
## A FULL POWERSHIFT UP TO 390HP(CV)

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 T8.275 – T8.390 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.



### FULL COMMAND IN TRANSPORT

During road transport, GSM will automatically shift the transmission according to load and throttle settings. With heavy loads, GSM will downshift to assist with engine braking on steep inclines.



#### **INTELLIVIEW - GEAR AND SPEED AT A GLANCE**

The standard IntelliView™ display offers easy toggling between menus to display information that includes the exact engine speed and the selected transmission ratio. This information is duplicated by the 'A' pillar display, ensuring the operator always has key operating data to hand.



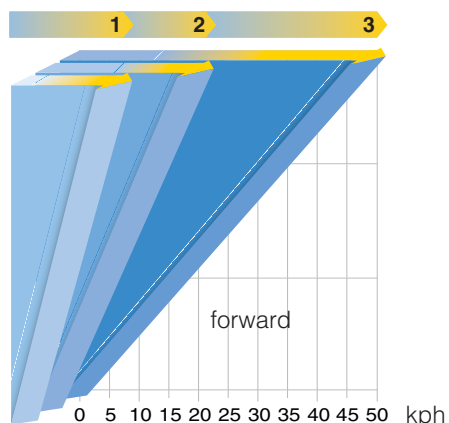
#### **ULTRA COMMAND POWERSHUTTLE**

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 inductively engaged using the shuttle lever.

# INNOVATIVE AUTO COMMAND™ TRANSMISSION OFFERS ADVANCED NEW HOLLAND FEATURES

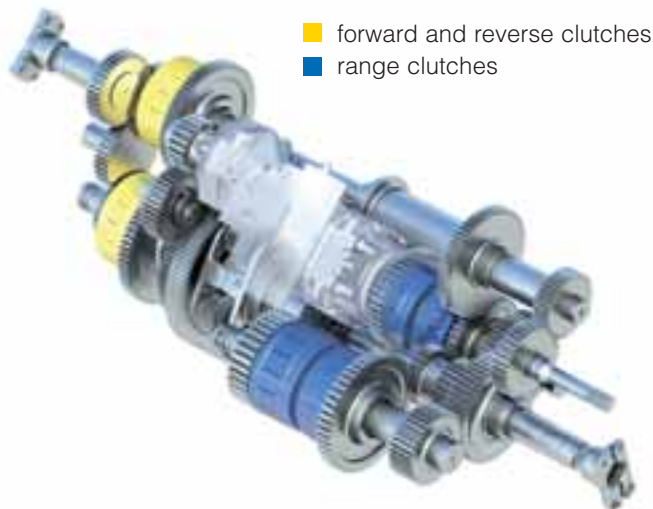
Designed and built by New Holland, over 10,000 multi award-winning Auto Command™ continuously variable transmission (CVT) has been built. This all new CVT transmission, available on across the entire T8 range, benefits from four direct drive points with 100% mechanical efficiency which have been precision 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.



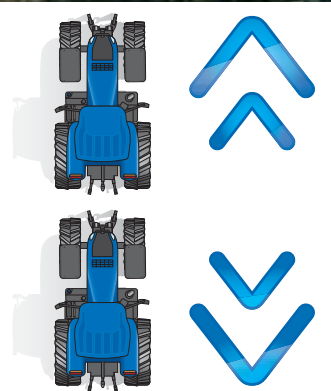
## MAKING THE MOST OF AVAILABLE TORQUE

New Holland has developed its Auto Command™ transmissions so they can exploit the low running speed, high torque FPT Cursor 9 engines. With 50kph ECO, the engine can run at a fuel efficient 1725rpm.



- 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.** Select the desired target speed and Auto Command will match the engine and transmission to maintain it.
  - **Cruise Mode.** Once a desired operating speed has been achieved, Cruise Mode allows the operator to set the transmission to maintain the speed for economy and productivity.
  - **Manual Mode.** Allows the operator to set the required engine and forward speed.
  - **PTO mode.** As soon as the PTO is engaged, Auto Command will operate to guarantee a constant engine speed.





### 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. For safe parking, an electronic brake is easily engaged via the shuttle lever.

## LONG WHEELBASE FOR BRILLIANT TRACTION AND STABILITY

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 T8.420, 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, faster and more efficient minimum tillage operations 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.



### TIME TO GET HEAVY

The heavy duty front axles enables dual wheels to be fitted for even more traction and less compaction in demanding situations. Lock to lock turns are not compromised. Why? Quite simply due to the forward position of the front axle and the intelligent tapered design of the T8 front end.





### HEAVY DUTY AXLES FOR HEAVY DUTY PERFORMANCE

The heavy duty axle is fitted to the T8.420 as standard. The 127mm bar axle means that every last drop of power is transmitted to the ground for ultimate in field performance. Furthermore, the largest 2.15m tyres, such as the 900/60R42 variant, can be fitted with ease.



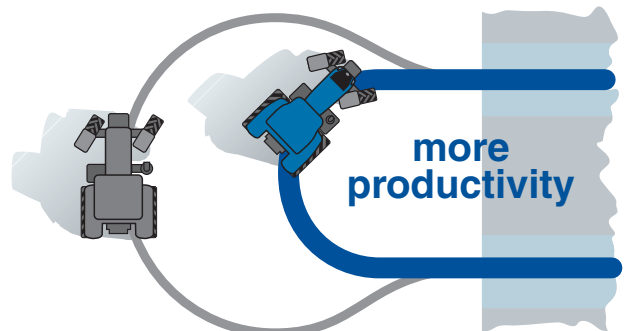
### TRANSPORT SAFETY

Front axle brakes are balance-linked to the rear axle brakes for safe, secure and dependable braking at high transport speeds. The optional engine braking system further improves safety by helping to reduce the need for repeated braking in difficult terrain.



### 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.



# LONG WHEELBASE FOR COMFORT AND AGILE PRODUCTIVITY

The T8 range perfectly combines a super-long wheelbase with excellent manoeuvrability. Two concepts which don't normally go together in this segment. How has New Holland achieved it? Quite simply, the sculpted bonnet and tombstone enable the wheels to nip in tight to the tractors body, and together with the redesigned Terraglide front axle suspension, an impressive 55° turning angle for tight headlands turns is guaranteed. The result? New Holland's hallmark manoeuvrability for improved productivity and efficiency.



## 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.



## READY FOR MODERN DEMANDS

### HEAVY MOUNTED EQUIPMENT MEETS BIG LIFT CAPACITY

With a lift capacity of up to 10200kg, 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 SEQUENCE

The Headland Turn Sequence has been refined and developed by New Holland for the ultimate in easy set-up and use. 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. They can be quickly and simply fitted and removed from the comfort of the cab.



## SUPER-SIZE PERFORMANCE FOR OUTSTANDING PRODUCTIVITY

New Holland T8 tractors are designed to offer exceptional heavy draft performance. This is a key demand of tractors developing in excess of 275hp(CV). But T8 tractors are built to do a lot more. 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.





## MEGAFLOW™ PUMP

Standard hydraulic flow is a generous 161 litres per minute. With an additional MegaFlow™ pump, capacity climbs to a massive 274 litres per minute. With Engine Power Management, full hydraulic capacity can be exploited in demand conditions, with up to 52hp(CV) of extra power available.



## UP TO 6 ELECTRONIC REMOTES

The remote valves fitted to T8 tractors are easily identified and related to their in-cab control. The operator can access all six without having to move away from the SideWinder™ II armrest. Four colour-coded paddles and a centrally positioned joystick make it simpler to identify and work each remote with exact precision. The CommandGrip will also give access to two valves. 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™ 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.

## 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!

The 89 litre AdBlue® additive tank has a lock which prevents filling with fuel. It only needs to be filled once every two refills of the 651 litre fuel tank.



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

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

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

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

• 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.

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



## AdBlue®

### WILL I BE ABLE TO FIND ADBLUE® EASILY?

The answer is yes! It will be available on your doorstep, through CNH Parts & Service; just contact your local dealer for more information. If that wasn't enough, AdBlue can even be delivered direct to your farm for absolute convenience.



### FINANCE TAILORED TO YOUR BUSINESS

CNH Capital, the financial services company of New Holland, is well established and respected within the agricultural sector. Advice and finance packages tailored to your specific needs are available. With CNH Capital, you have the peace of mind that comes from dealing with a financing company that specialises in agriculture

### 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 classroom sessions. This advanced approach ensures your dealer will always have the skills needed to look after the latest and most advanced New Holland products.

### SERVICE PLUS - LONG LASTING CONFIDENCE

Service Plus coverage from Covéa Fleet provides owners of New Holland agricultural machinery with additional cover on the expiry of the manufacturer's contractual warranty. Please ask your dealer for more details.

Terms and conditions apply.



### DEALER INSTALLED ACCESSORIES

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



### WWW.NEWHOLLANDSTYLE.COM

Want to make New Holland a part of your everyday life? Browse the comprehensive selection on [www.newhollandstyle.com](http://www.newhollandstyle.com). A whole range of items are available including hard wearing work clothing and a vast selection of scale models, together with so much more. New Holland. As individual as you.

| MODELS  |  | T8.275            | T8.300            | T8.330            | T8.360            | T8.390            | T8.420            |
|---|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>Engine*</b>  |  | FPT Cursor 9      | FPT Cursor 9      | FPT Cursor 9      | FPT Cursor 9      | FPT Cursor 9      | FPT Cursor 9      |
| No. of cylinders / Aspiration / Valves / Emission level             |  | 6/WT/4/Tier 4A    | 6/WT/4/Tier 4A    | 6/WT/4/Tier 4A    | 6/WT/4/Tier 4A    | 6/WT/4/Tier 4A    | 6/WT/4/Tier 4A    |
| ECObLue™ SCR system (Selective Catalytic Reduction)                 |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Fuel system - High pressure Common Rail                             |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Capacity (cm <sup>3</sup> )   |  | 8700              | 8700              | 8700              | 8700              | 8700              | 8700              |
| Bore and Stroke (mm)  |  | 117x135           | 117x135           | 117x135           | 117x135           | 117x135           | 117x135           |
| Approved biodiesel blend**  |  | B20               | B20               | B20               | B20               | B20               | B20               |
| Max. EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]            |  | 201/273           | 219/298           | 241/327           | 263/357           | 286/389           | 308/419           |
| Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]                |  | 190/258           | 208/282           | 230/312           | 252/342           | 275/373           | 297/404           |
| Rated EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]           |  | 199/270           | 216/293           | 235/319           | 255/346           | 276/375           | 296/402           |
| Rated horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]               |  | 173/235           | 189/257           | 209/284           | 229/311           | 250/340           | 270/367           |
| Rated engine speed (rpm)  |  | 2000              | 2000              | 2000              | 2000              | 2000              | 2000              |
| Max. torque - ISO TR14396 (Nm @ rpm)                                |  | 1157 @ 1500       | 1267 @ 1500       | 1397 @ 1500       | 1531 @ 1500       | 1671 @ 1500       | 1806 @ 1500       |
| Torque rise Standard / EPM (%)                                      |  | 40 / 22           | 40 / 23           | 40 / 25           | 40 / 26           | 40 / 27           | 40 / 28           |
| Viscous coupled cooling fan   |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Earth friendly engine oil filter                                    |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Exhaust brake   |  | ○                 | ○                 | ○                 | ○                 | ○                 | ○                 |
| Diesel capacity Auto Command (Litres)                               |  | 590               | 590               | 590               | 590               | 590               | 590               |
| Diesel capacity Ultra Command (Litres)                              |  | 651               | 651               | 651               | 651               | 651               | –                 |
| DEF/AdBlue® tank capacity (Litres)                                  |  | 89                | 89                | 89                | 89                | 89                | 89                |
| Service interval (hours)  |  | 600               | 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 (40kph)</b>                  |  | ●                 | ●                 | ●                 | ●                 | ●                 | –                 |
| Min. Speed (kph)  |  | 3,35              | 3,35              | 3,34              | 3,34              | 3,34              | –                 |
| <b>19x4 Ultra Command™ Full-Powershift (40kph ECO or 50kph)</b>     |  | ○                 | ○                 | ○                 | ○                 | ○                 | –                 |
| Min. Speed (kph)  |  | 3,35              | 3,35              | 3,34              | 3,34              | 3,34              | –                 |
| <b>23x6 Ultra Command™ Full-Powershift (40kph with Creeper)</b>     |  | ○                 | ○                 | ○                 | ○                 | ○                 | –                 |
| Min. Speed (kph)  |  | 0,98              | 0,98              | 0,97              | 0,97              | 0,97              | –                 |
| <b>Auto Command™ Continuously Variable Transmission</b>             |  | ○                 | ○                 | ○                 | ○                 | ○                 | ○                 |
| Active StopStart function   |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Force base propulsion control                                       |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| <b>Auto Command™ Continuously Variable Transmission (40kph ECO)</b> |  | ○                 | ○                 | ○                 | ○                 | ○                 | ●                 |
| Min. speed / Max. speed (kph @ rpm)                                 |  | 0.03 / 40 @ 1400  | 0.03 / 40 @ 1400  | 0.03 / 40 @ 1400  | 0.03 / 40 @ 1400  | 0.03 / 40 @ 1400  | 0.03 / 40 @ 1400  |
| <b>Auto Command™ Continuously Variable Transmission (50 kph)</b>    |  | ○                 | ○                 | ○                 | ○                 | ○                 | ○                 |
| Min. speed / Max. speed (kph @ rpm)                                 |  | 0.03 / 50 @ 1725  | 0.03 / 50 @ 1725  | 0.03 / 50 @ 1725  | 0.03 / 50 @ 1725  | 0.03 / 50 @ 1725  | 0.03 / 50 @ 1725  |
| <b>Electrical</b>   |  |                   |                   |                   |                   |                   |                   |
| 12 volt alternator (Amps)   |  | 200               | 200               | 200               | 200               | 200               | 200               |
| Battery capacity (CCA)  |  | 1900              | 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           | 55 / 55           |
| Turning radius with Standard / Terraglide™ front axle (mm)          |  | 5390 / 5440       | 5390 / 5440       | 4970 / 4970       | 4970 / 4970       | 4970 / 4970       | 4970/4970         |
| Terralock™ functions  |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Dynamic front fenders   |  | ○                 | ○                 | ○                 | ○                 | ○                 | ○                 |
| Bar rear axle   |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Heavy-duty bar rear axle  |  | –                 | –                 | –                 | –                 | –                 | ●                 |
| <b>Hydraulics</b>   |  |                   |                   |                   |                   |                   |                   |
| Closed Centre Load Sensing (CCLS)                                   |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Main pump flow Standard / MegaFlow™ option (Lpm)                    |  | 161 / 274         | 161 / 274         | 161 / 274         | 161 / 274         | 161 / 274         | 161 / 274         |
| Electronic Draft Control (EDC)                                      |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| <b>Remote valves</b>  |  |                   |                   |                   |                   |                   |                   |
| Type  |  | Electro hydraulic | Electro hydraulic | Electro hydraulic | Electro hydraulic | Electro hydraulic | Electro hydraulic |
| Max. no. rear valves  |  | 6                 | 6                 | 6                 | 6                 | 6                 | 6                 |
| Joystick control  |  | ○                 | ○                 | ○                 | ○                 | ○                 | ○                 |
| <b>Linkage</b>  |  |                   |                   |                   |                   |                   |                   |
| Rear linkage category   |  | III/IIIN          | III/IIIN          | III/IIIN          | III/IIIN          | IVN/III           | IVN/III           |
| Max. lift capacity at ball ends (kg)                                |  | 8550              | 9130              | 9130              | 10200             | 10200             | 10200             |
| Front linkage category  |  | II                | II                | II                | II                | II                | II                |
| Front linkage lift capacity (610mm in front of ball ends) (kg)      |  | 5810              | 5810              | 5810              | 5810              | 5810              | 5810              |
| <b>PTO</b>  |  |                   |                   |                   |                   |                   |                   |
| Auto Soft Start   |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Engine speed at: 540 / 1000rpm (rpm)                                |  | 1804              | 1804              | 1804              | 1804              | 1804              | 1804              |
| Auto PTO management   |  | ●                 | ●                 | ●                 | ●                 | ●                 | ●                 |
| Front PTO (1000rpm)   |  | ○                 | ○                 | ○                 | ○                 | ○                 | ○                 |

## MODELS

T8.275 T8.300 T8.330 T8.360 T8.390 T8.420

|  | T8.275 | T8.300 | T8.330 | T8.360 | T8.390 | T8.420 |
|--|--------|--------|--------|--------|--------|--------|
| <b>Brakes</b>  |        |        |        |        |        |        |
| Exhaust brake  | ○      | ○      | ○      | ○      | ○      | ○      |
| Electronic park brake                                    | ●      | ●      | ●      | ●      | ●      | ●      |
| Hydraulic trailer brakes                                 | ○      | ○      | ○      | ○      | ○      | ○      |
| Optional pneumatic trailer braking system                | ○      | ○      | ○      | ○      | ○      | ○      |
| Optional pneumatic and Hydraulic trailer braking system  | ○      | ○      | ○      | ○      | ○      | ○      |
| <b>Cab</b>   |        |        |        |        |        |        |
| Cab with FOPS - OECD code 10 level 1                     | ●      | ●      | ●      | ●      | ●      | ●      |
| Cab category level - EN 15695                            | 2      | 2      | 2      | 2      | 2      | 2      |
| High visibility RHS window                               | ●      | ●      | ●      | ●      | ●      | ●      |
| HID lighting pack  | ○      | ○      | ○      | ○      | ○      | ○      |
| Auto Comfort™ seat with seat belt                        | ○      | ○      | ○      | ○      | ○      | ○      |
| Auto Comfort™ leather seat with seat belt                | ○      | ○      | ○      | ○      | ○      | ○      |
| 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                   | ●      | ●      | ●      | ●      | ●      | ●      |
| Comfort Ride™ cab suspension                             | ○      | ○      | ○      | ○      | ○      | ○      |
| Headland Turn Sequence (HTS)                             | ●      | ●      | ●      | ●      | ●      | ●      |
| Fender mounted external controls                         | ●      | ●      | ●      | ●      | ●      | ●      |
| A pillar Performance Monitor with enhanced key pad       | ●      | ●      | ●      | ●      | ●      | ●      |
| IntelliView™ III colour monitor with ISO 11783 connector | ●      | ●      | ●      | ●      | ●      | ●      |
| IntelliView™ IV colour monitor with ISO 11783 connector  | ○      | ○      | ○      | ○      | ○      | ○      |
| IntelliSteer® guidance ready                             | ●      | ●      | ●      | ●      | ●      | ●      |
| Optimum cab noise level - 77/311 EEC (dB(A))             | 68     | 68     | 69     | 69     | 69     | 69     |
| Factory fit rotating beacons (1 / 2)                     | ○      | ○      | ○      | ○      | ○      | ○      |
| <b>Weights</b>   |        |        |        |        |        |        |
| Minimum unballasted / shipping weights                   |        |        |        |        |        |        |
| Standard front axle (kg)                                 | 10560  | 10685  | 11345  | 11345  | 11345  | 11460  |
| Terraglide™ suspended front axle (kg)                    | 11080  | 11025  | 11865  | 11865  | 11865  | 11975  |
| Max. permissible weight at 50kph (kg)                    | 17500  | 17500  | 17500  | 17500  | 18000  | 18000  |

● 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



## DIMENSIONS

| All models with rear tyre size****                      | 620/70R42   | 650/85R38   | 710/70R38   | 710/70R42   | 800/70R38   | 900/60R42**** |
|---|-------------|-------------|-------------|-------------|-------------|---------------|
| A Overall length inc. weight pack and rear linkage (mm) | 6369        | 6369        | 6369        | 6369        | 6369        | 6369          |
| B Min. width (mm)                                       | 2534        | 2534        | 2534        | 2534        | 2534        | 2534          |
| C Height at centre of rear axle to top of cab (mm)      | 2468        | 2468        | 2468        | 2468        | 2468        | 2468          |
| D Overall height (mm)                                   | 3339        | 3267        | 3325        | 3376        | 3368        | 3395          |
| E Wheelbase Ultra Command / Auto Command (mm)           | 3450 / 3500 | 3450 / 3500 | 3450 / 3500 | 3450 / 3500 | 3450 / 3500 | 3450 / 3550   |
| F Track width (min. / max.) (mm)                        | 1727 / 2235 | 1727 / 2235 | 1727 / 2235 | 1727 / 2235 | 1727 / 2235 | 1727 / 2237   |
| G Ground clearance (depends on hitch or tow hook) (mm)  | 378         | 306         | 364         | 415         | 407         | 409           |

\*\*\* Only when fitted with Heavy-duty rear axle

\*\*\*\* Rear tyres other than those mentioned are available: 620/70R42, 650/85R38, 710/70R38, 710/70R42, 800/70R38, 480/95R50, 710/75R42, 900/60R42, 900/60R42, 900/70R38

# NEW HOLLAND TOP SERVICE: CUSTOMER SUPPORT AND CUSTOMER INFORMATION



**TOP AVAILABILITY.**  
If you need information, or have an out of hours question, ring our toll-free number\*. All day, every day, we are just a call away.

**TOP SPEED.**  
Express parts delivery: when you need it, where you need it!

**TOP PRIORITY.**  
Fast-track solution during the season: because your harvest can't wait!

**TOP SATISFACTION.**  
We drive and track the solution you need, keeping you informed: until you are 100% satisfied!



**TOP SERVICE**  
**00800 64 111 111**

\* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call **01 2421881** and this will be charged at your standard network rate.

**For more details, ask your New Holland dealer!**

AT YOUR OWN DEALER



**YOUR SUCCESS - OUR SPECIALTY**

Visit our web site for UK: [www.newholland.com/uk](http://www.newholland.com/uk) - for ROI: [www.newholland.com/ie](http://www.newholland.com/ie)

The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications. Bts Adv. - Printed in Italy - 10/13 - TP01 - (Turin) - **130014/INB**