



NEW HOLLAND T7

T7.170 | T7.185 | T7.200 | T7.210 | T7.220 | T7.235 | T7.250 | T7.260 | T7.270



YOUR NEEDS VARY CONSTANTLY. T7 ADAPTS CONTINUOUSLY



MORE PRODUCTIVITY AND POWER

T7 tractors boast New Holland's cutting-edge ECOBlue™ SCR technology for Tier 4A compliance. This means that the 6.7 litre Nef engine benefits from exceptional breathability for a significant performance advantage. T7 tractors now offer up to 19hp(CV) more power and 139Nm of torque over the previous T7000 range. With Engine Power Management, up to 51hp extra is available for optimum productivity.



ABSOLUTE DRIVING PLEASURE

T7 tractors are designed to make operation even easier. The SideWinder™ II armrest reduces fatigue and increases operating pleasure, even at the end of long working days. Award-winning ABS SuperSteer™ technology enhances safety and improves turning efficiency. The Horizon™ cab offers exceptionally low noise levels of just 69dB(A) and brilliant all-round visibility. For a touch of operating luxury, the heated and extended rear mirrors can be adjusted from the comfort of the cab and help to eliminate awkward and potentially dangerous blind spots.



LOWER OPERATING COSTS

T7 tractors benefit from Nef engines that use ECOBlue™ SCR emission reduction technology. Matched with the advanced Auto Command™ transmission, fuel use is cut by up to 10%, as proved by independent testing. 600 hour engine service intervals continue to set the standard.



MAXIMUM VERSATILITY

The nine-model T7 series has a power and transmission choice for every application. Combined with their exceptional power to weight ratios of up to 25.8kg/hp(CV), these tractors offer exceptional versatility. From draft to top work, spraying to transport, a T7 tractor will do it all.



EXACTLY WHAT IT SAYS ON THE BONNET

T7 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 'T7' refer to the tractor's category and the following three, for example '270', refer to the maximum Engine Power Management horsepower. What does that mean to you? You can buy your T7 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)]

T7.170	171
T7.185	188
T7.200	203
T7.210	212
T7.220	218
T7.235	234
T7.250	250
T7.260	260
T7.270	269



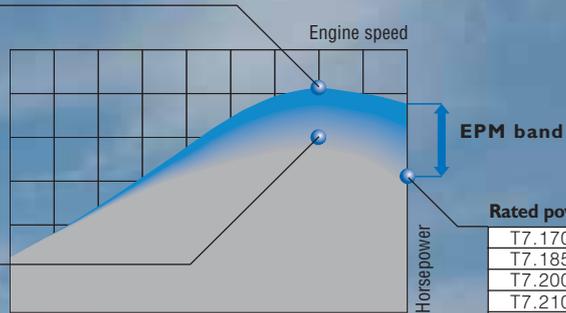
These are maximum engine powers that the T7 range can deliver for mobile PTO and high speed haulage tasks.

Max power [hp(CV)]

T7.170	144
T7.185	159
T7.200	171
T7.210	181
T7.220	188
T7.235	203
T7.250	218
T7.260	234
T7.270	249



For draft work, such as tillage equipment, the T7 will deliver these maximum power values.



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

Rated power [hp(CV)]

T7.170	125
T7.185	140
T7.200	155
T7.210	165
T7.220	167
T7.235	185
T7.250	200
T7.260	215
T7.270	228

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



A LARGER FAMILY FOR DEMANDING PROFESSIONALS

New Holland T7 tractors can be specified to match your specific business needs.

Spanning rated powers from 125hp(CV) to 228hp(CV), the nine model T7 range can be fitted with a choice of semi-powershift, full-powershift or the range topping continuously variable Auto Command™ transmission.

All models can be fitted with a New Holland loader, together with the option of a fully integrated front linkage and PTO.



Blue Power
Un-limited edition.

MAKE YOUR T7 AS INDIVIDUAL AS YOU

New Holland created the acclaimed Blue Power models to celebrate the range's unmatched success in the prestigious Tractor of the Year award. Now, you can enjoy a little taste of this success, as selected models can be specified with luxurious Blue Power details including chrome elements and the distinctive, midnight blue colour. Municipal and industrial versions are also available, which boast specific features including colour schemes and multi-purpose tyres, which are perfect for utility and highway applications. These models continue to benefit from a segment-leading power to weight ratio of a mere 25.8kg/hp(CV) and ECOBlue™ SCR emissions technology, which can reduce your fuel consumption by up to 10%.

CLASSIC ARMREST



SIDEWINDER™ II ARMREST



AN ARMREST TO SUIT YOU

Range Command™ and Power Command™ tractors' can be specified either with a classic armrest or New Holland's advanced SideWinder™ II armrest, complete with CommandGrip™ handle and IntelliView™ III or IV monitor, as an option. SideWinder II is standard on Auto Command™ tractors and benefits from the advanced force based CommandGrip for speed and direction control.



HORIZON™ CAB MORE SPACE, BETTER VISIBILITY



EVERYTHING IN ITS PLACE

Keeping your cab neat and tidy has never been simpler. Elasticated straps have been added to the instructor seat backrest, perfect for keeping paperwork or invoices safe. The additional net, on the front of the instructor seat, is ideal for tucking gloves away.

DESIGNED FOR COMFORT AND PRODUCTIVITY

Step up into a standard T7 Horizon™ cab, and regardless of its specification, you will find it has been designed to fit you perfectly. Note how the seat and steering wheel adjust to suit you. All-round visibility is about as good as it gets. Noise levels are exceptionally low, helping to reduce fatigue. Enjoy how the seat, cab and axle suspension cushion the ride. From air-conditioning to optional full climate control, the Horizon cab will do its best to keep you comfortable.



FROM DUSK TO DAWN

A full range of work lights are fitted to all models as standard. These can be angled to suit the application, offering a broad spread of light, turning night into day. They are easily controlled from a dedicated switch panel in the cab. HID, high intensity xenon lights, are offered as an option for round the clock operating visibility.



CONTROL CENTRE

The air conditioning controls, lighting panel, additional storage slots and the radio have all been grouped in an ergonomic cluster. A Bluetooth RDS/MP3 radio is fitted as standard. Not only can you take your phone calls handsfree, you are also able to listen to your favourite tunes either directly from your MP3 player or via a USB memory stick.



EYES IN THE BACK OF YOUR HEAD

The optional enlarged wing mirrors feature an electronically adjustable top section which has mirrors similar to those found on commercial vehicles for the best possible view of the road during high-speed transport. The lower section has been designed to counteract blind spots and you can precision place it just where you like. Want more? They're heated too, to get rid of moisture or frost in a flash!



HEADLAND TURN SEQUENCING

Automated features are only of use when the operator feels comfortable setting them up and using them. New Holland Headland Turn Sequencing has been refined and developed over several years to match ease of operation with in-field efficiency. The system allows the operator to record and store the sequence of operations at the headland. These are then 'played back' automatically when HTS is activated. Simple and a great way to reduce fatigue over extended working periods.



THE MOST COMFORTABLE SEAT ON THE FARM

Comfort is guaranteed thanks to the standard deluxe, air-suspension seat. For operators who spend extended hours in the tractor, the enhanced comfort of the heated, semi-active Auto Comfort™ seat is worth considering. Fitted with a large air reservoir to counteract ground undulations, when combined with Comfort Ride™ cab suspension, you'll enjoy the smoothest ride, ever. For an added touch of luxury select the full-leather option.

SIDEWINDER II: THE ULTIMATE ERGONOMIC FARMING EXPERIENCE

The T7 Auto Command tractors offer sophisticated features that are easy and intuitive to access. How? Well, we listened to customers and developed the SideWinder™ II armrest to make everything simpler. All key controls are accessed from the armrest. Throttle, transmission and hydraulics. Everything you need to control is intuitively selected. More advanced features can be quickly accessed. It does not take long to master a T7 tractor.



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



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 as well as full compatibility with the New Holland IntelliSteer® guidance system.



- Rear linkage raise/lower.
To activate front linkage raise/lower push the button on the rear of the CommandGrip simultaneously with the raise/lower function.
- Optional IntelliSteer® auto-guidance, automated steering engagement.
- Forward reverse shuttle switch.
- Fingertip control for up to two remote valves.
- Headland turn sequencing, HTS.
Press to record, store and activate automated headland turn.

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





FARMING LUXURY

The T7 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 and deep pile branded carpet are standard on Auto Command models and are available as an option on all other ranges. For an added touch of luxury, select the optional leather seat. The optional tinted rear windscreen, available on SideWinder II models, will reduce glare and will keep you even cooler on the hottest afternoons. You can even specify a heated front and rear windscreen.

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.



- Personalized positioning of the hydraulic joystick and rear linkage mouse available as a factory-fit option.
- 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.
- Three point hitch levelling and top link extension at the touch of a button.
- Auto PTO will disengage and reengage both the front and rear PTOs during a headland turn.
- Engage and disengage the front suspension instantly.
- Multifunction joystick. The joystick can be set to operate the front linkage, loader or remote valves.
- Droop control. Select a lower maximum running speed for the engine to save fuel.
- Electronic remotes. Easy to reach paddles provide fingertip hydraulic operation. Flow and timing can be simply adjusted through the IntelliView™ touch screen.
- Rear linkage mouse. Lift heavy mounted implements with absolute precision.
- 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

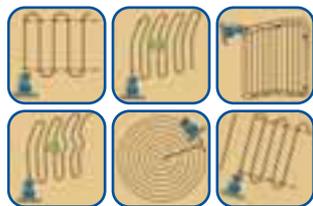
ALL WIRED UP READY FOR YOUR CHOSEN GUIDANCE SYSTEM

Series T7 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 T7 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 IntelliView™ III, and ultra-widescreen 26.4cm IntelliView™ IV colour touchscreen monitors can be used to manage the optional IntelliSteer® auto-guidance system. The IntelliView™ monitors enable fingertip programming of a variety of guidance paths, from straight A-B runs to the most complex adaptive curves. You can also personalize your settings simply and easily and also transfer data using PLM® software packages.

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 T7 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.



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.



NH 372 RECEIVERS

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



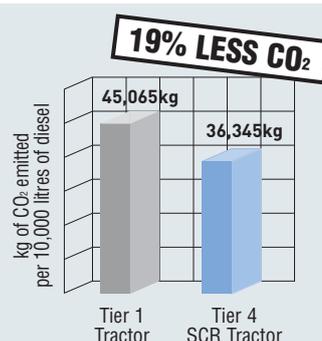
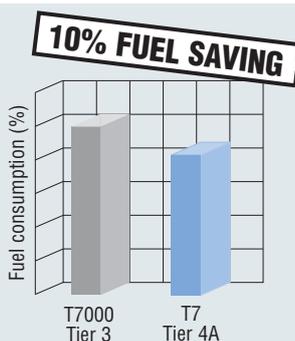
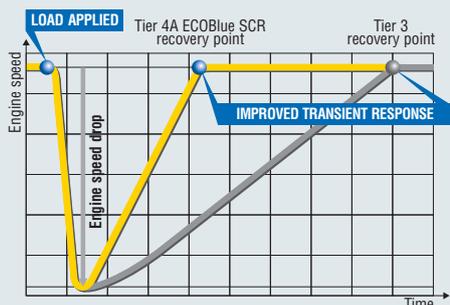
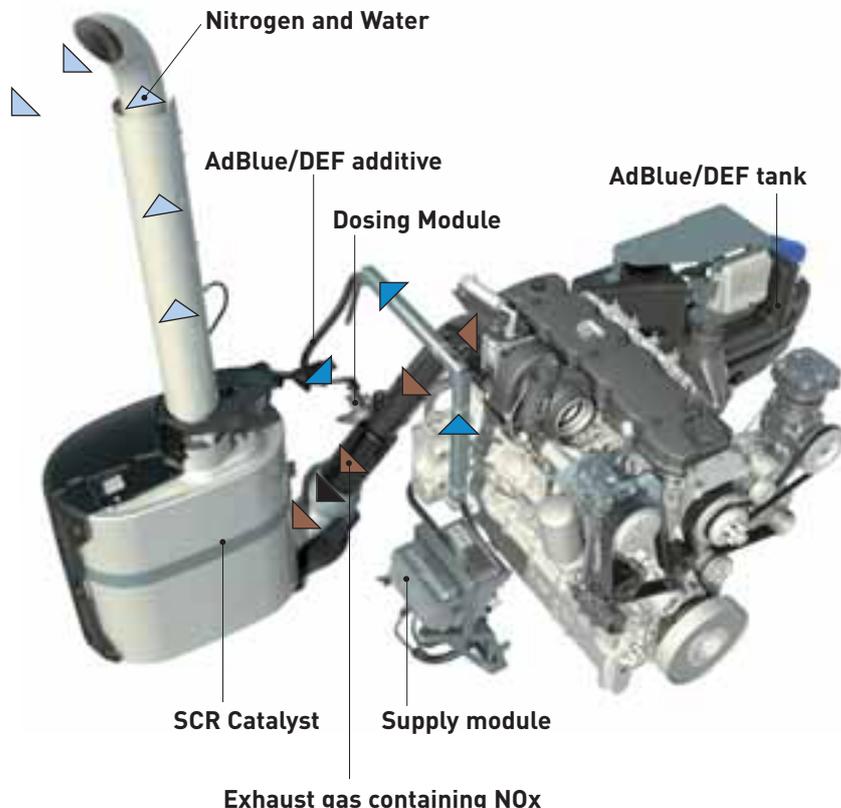
RTK BASE STATION

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

POWER. RESPECT. FOR YOU. FOR YOUR FARM. FOR THE FUTURE.



T7 tractors are powered by ECOBlue™ SCR Nef 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.



MAINTAINING PERFORMANCE. ALWAYS

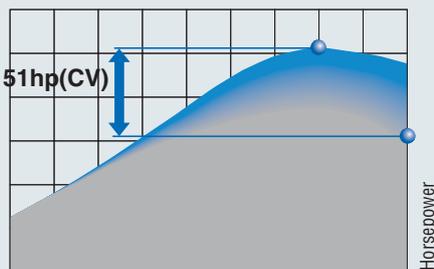
Here at New Holland we're passionate about transient response. You might think so what. But it's your productivity guarantee. Put simply, as your Nef engine only breathes clean fresh air it can react even quicker when placed under load, following a gear change or when encountering tough soil. Significantly 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.

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 T7 range's fuel consumption by up to 10%, bringing about a substantial cut in you farm's carbon emissions. Visit www.carbonid.newholland.com to find out just how much carbon you could save!

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. In many applications, this will enable a fixed forward speed to be maintained in difficult terrain.



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



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 T7.220 tractor, EPM will deliver up to 51hp(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 specialist: 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 CO₂ emissions of any automotive manufacturer in Europe. Cleaner. Everywhere.

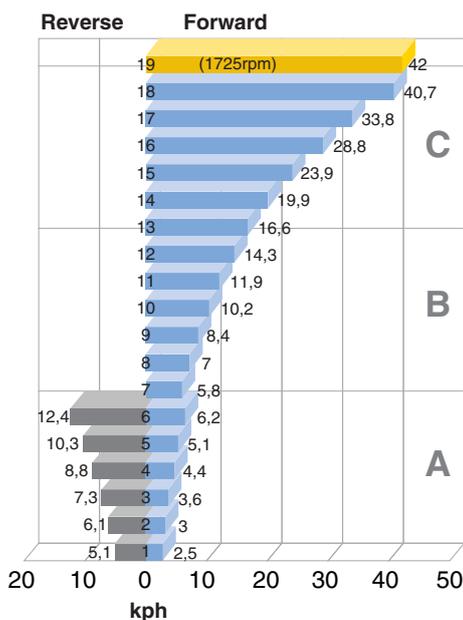
Proven: FPT Industrial has pioneered SCR technology since 1995 and has already produced over 450,000 SCR engines during the last eight years for the agricultural, construction and haulage industries. Reliability. Confirmed.

PUSH BUTTON SIMPLICITY. YEARS OF PROVEN TECHNOLOGY.

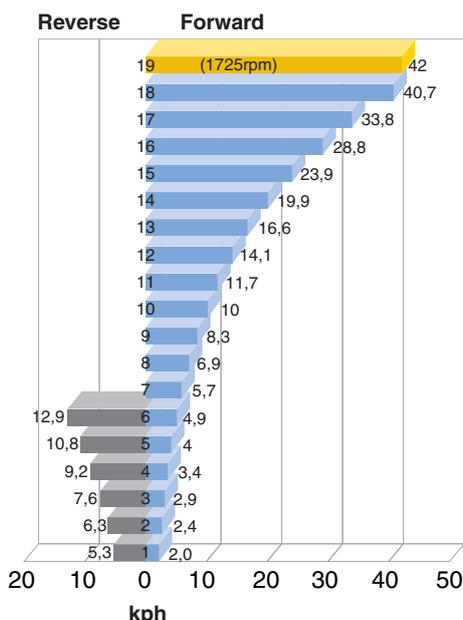
Range Command is a simple, rugged and well proven transmission. It provides clutch-free gear changes within each working range. It is the ideal choice for general farm applications. Power Command is a full-powershift transmission: you select the gear speed you want by simply pushing up or downshift buttons. Only New Holland offers such a simple transmission choice.



Range Command™ transmission*



Power Command™ transmission*



**SEMI-POWERSHIFT UP TO T7.210.
FULL POWERSHIFT
FROM T7.170 TO T7.260.**

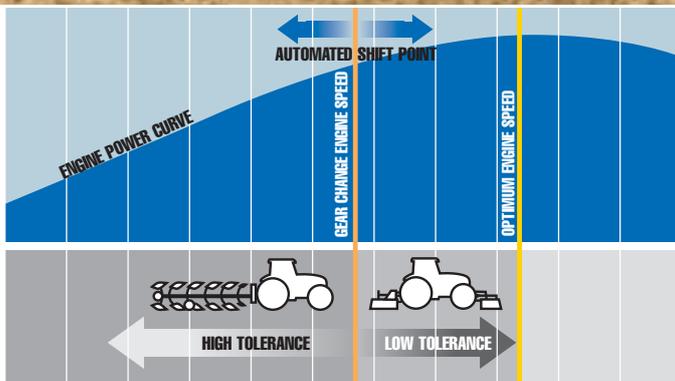
Range Command and Power Command are based around the same gear offering. You can choose between a standard 40kph 18x6 or 28x12 creep speed transmission or opt for an extra high ratio 19x6 or 29x12 'direct drive' alternative. This can deliver either 40kph at a reduced engine speed for economy or a high 50kph transport speed.

* T7.200 19x6 40kph ECO model shown with 650/65R42 tyres fitted



A SMOOTHER SHIFT IN FIELD AND TRANSPORT

IntelliShift™ gear change management ensures T7 tractors deliver a seamless powershift between each and every ratio. Programmed to scrutinise transmission load, speed and transmission oil temperature, IntelliShift delivers smooth changes all day long.



WORK TOGETHER: AUTOMATION, COMFORT AND PRODUCTIVITY

Easy to set up and brilliantly effective, Auto Transport and Auto Field modes can really reduce the effort required to work a T7 tractor over a long working day. With Auto Transport, the tractor will seamlessly shift ratios like an automatic car. It will even sense if the tractor is being pushed by a loaded trailer while descending a hill. If it does, it holds the current gear to provide engine braking. Auto Field manages both the engine speed and transmission to optimise performance and economy. In PTO applications, where a constant forward speed is the priority, the drop in PTO speed before forward speed is reduced can be manually regulated in 5% intervals. This can be easily controlled at a glance via the gear display or the IntelliView™ monitor. In draft applications, Auto Field will allow the engine speed to drop to fully exploit the available torque rise before selecting a lower ratio under load.

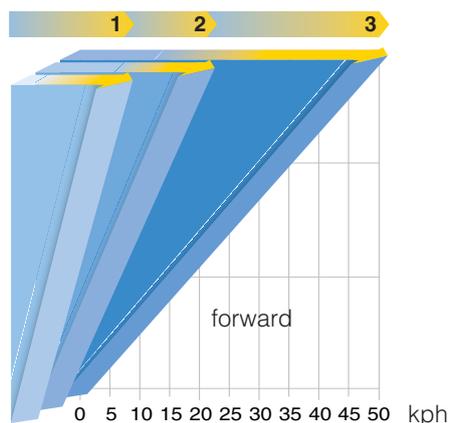
AN EASY TO USE SHUTTLE THAT REMEMBERS

Range and Power Command models feature an innovative memory shuttle system that'll save you money and speed up cycle times. Your T7 will automatically shuttle between your chosen forward and reverse gears. Simple. Furthermore, the clutchless forward reverse shuttle, operated via the steering column or the CommandGrip™ handle, can be programmed to automatically manage transmission shifts during a direction change. As a further option, an electronic park brake can be specified. This is operated by engaging a dedicated position on the shuttle lever, securing the tractor when neutral is selected.

INNOVATIVE AUTO COMMAND™ TRANSMISSION OFFERS ADVANCED NEW HOLLAND FEATURES

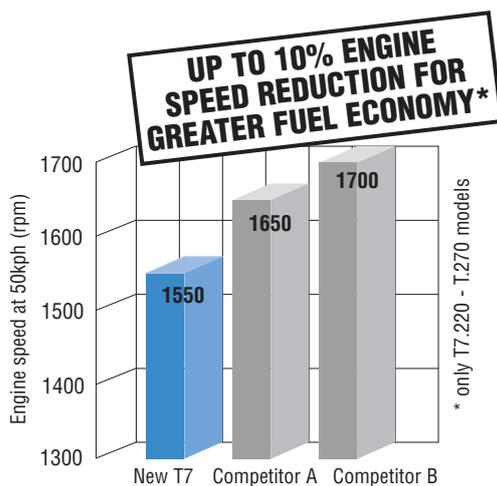
Designed and built by New Holland over 10,000 multi award-winning Auto Command™ continuously variable transmissions (CVT) have been built. The Auto Command™ transmission benefits from four direct drive points with 100% mechanical efficiency. These points have been precision engineered to ensure that they perfectly match the most frequently used speeds during heavy draft work, secondary cultivation activities, high speed in-field work, such as baling or mowing, and high speed transport activities. Advanced double clutch control further enhances efficiency. 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 20m/h right through to 50kph and regulate it to the nearest 0.01kph. 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 New Holland engines. With 50kph ECO, the engine can run at a fuel efficient 1550rpm.



- 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.



ACTIVE STOPSTART

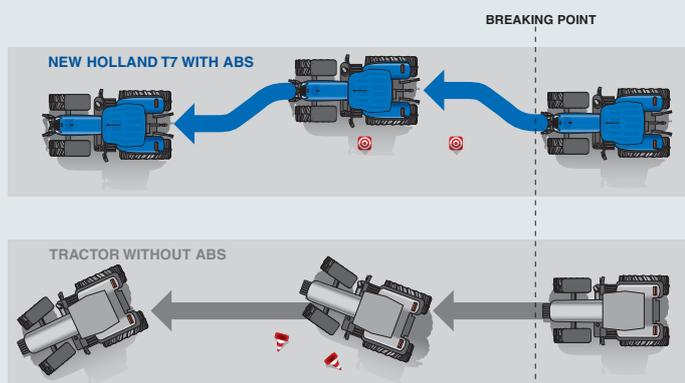
A key safety feature of Auto Command is Active StopStart. When the tractor is brought to a standstill, the transmission prevents the tractor moving backwards or forwards. Even with a heavy load. When the transmission takes up drive there is no risk of roll back on steep inclines. For safe parking, an electronic brake is easily engaged via the shuttle lever.

BALANCING FUEL ECONOMY AND PRODUCTIVITY

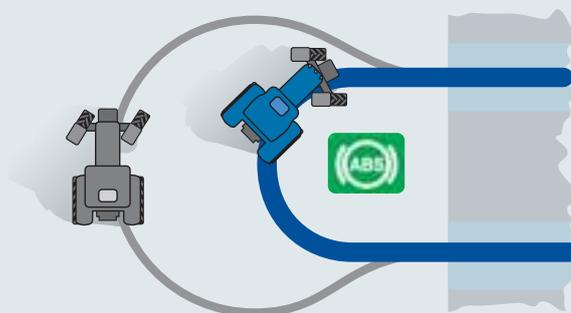
When working in Auto and Cruise modes, use the droop control dial, situated to the right of the operator, to reduce the engine speed at which maximum forward speed is obtained. The result: you reach 50kph at much lower engine revs, saving you fuel. In PTO mode, regulate the acceptable reduction in PTO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

FASTER TURNS. BETTER TRACTION. IMPROVED SAFETY. GREATER PERFORMANCE.

Axle strength and weight increase with engine power. This ensures a good power to weight ratio is offered by all models, not just those with highest rated output. T7.170 to T7.210 models have a gross vehicle weight of up to 11,000kg at 50kph, this increases to 13,000kg on the T7.220 and above.



More productivity



ADVANCED BRAKING TECHNOLOGY

The antilock braking system for the T7 range manages each wheel's brakes individual to improve stopping power when transporting heavy equipment. If that wasn't enough, ABS SuperSteer™ also allows the tractor to turn on a sixpence by pivoting on a controlled and slowed down rear inside wheel. On Power Command™ models, a hill holder engages the brakes to prevent the tractor rolling back during hill starts. Furthermore, a heavy duty braking option, together with an exhaust brake can also be specified.

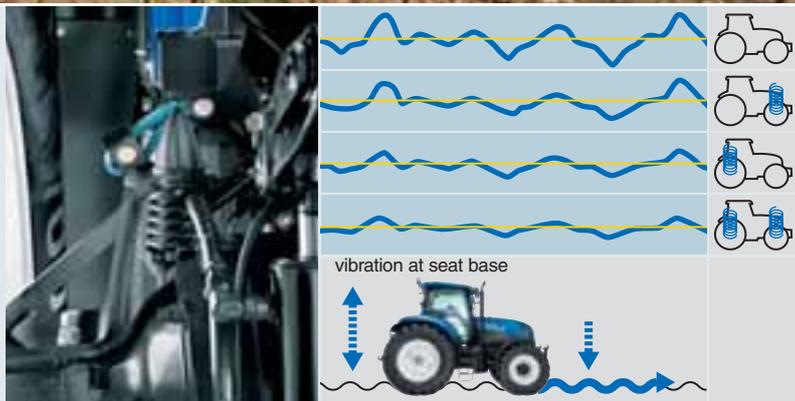
ADVANCED TRACTION MANAGEMENT

The New Holland Terralock™ system is well established. The operator simply selects the traction package needed for a specific application. Terralock will then manage drive to the front axle and engage and release the differential locks automatically. During a headland turn or moving from work to transport, Terralock will ensure the differentials and four wheel drive are unlocked without operator intervention.



LESS TIME TURNING BOOSTS YOUR OUTPUT

New Holland leads the field in reducing the time it takes to turn on the headland. Offering a tight 65 degree turn angle, the SuperSteer™ front axle option delivers rowcrop agility, beating any tractor in the T7's category. The Fast Steer™ system, compatible with all axle types, means full lock to lock turns are made even more quickly and with minimal effort. You simply hold down the Fast Steer steering rim and the steering wheel is transformed into a proportional "joystick".



TERRAGLIDE™ FRONT AXLE AND COMFORT RIDE™ CAB SUSPENSION. YOUR COMFORT PARTNERS

Automatic two stage Comfort Ride™ cab suspension has established itself as a key advance in operator comfort. Designed to complement the cushioned ride offered by the standard air suspension seat, Comfort Ride helps reduce fatigue. Terraglide™ front axle suspension is recommended in operations that include fast top work and extended transport duties. Terraglide, with integral hub braking, is standard on tractors specified with a 50kph transmission.

FEATURES TO BOOST YOUR PRODUCTIVITY



MAKING IT EASIER TO WORK WITH FRONT MOUNTED IMPLEMENTS

The optional, fully integrated, factory fitted front linkage and PTO has been engineered by design to offer the ultimate in operational simplicity. The SideWinder™ II models feature a front management system to prevent PTO damage, together with drop rate controls and a fast raise/lower when speed is of the essence using the dedicated buttons on the front and rear of the CommandGrip™. The front linkage can even be programmed to operate with HTS. The linkage arms fold up when not in use or can be used to carry the full standard weight pack.



STRONG, EFFICIENT AND POWERFUL

The maximum lift capacity on T7.170 to T7.210 tractors is 8,275kg, climbing to a massive 10,463kg on the T7.220 and above. The rear linkage and hydraulics are designed to work with heavy mounted equipment over extended periods. The system also incorporates integral dynamic ride control shock load protection. This will reduce bounce when travelling with a heavy linkage load at transport speeds. Fender mounted controls for the rear linkage, a rear remote and the PTO are available.



AUTO PTO OPERATION

Auto PTO can be selected to automatically disengage the PTO as the front or rear linkage is raised above a pre-set position. This protects the PTO shaft and tractor. The system will also reengage drive as the linkage is lowered.

DIRECT DRIVE FOR FUEL EFFICIENCY

All T7 tractors are fitted with a direct drive PTO to minimise power loss between engine and implement. The PTO is engaged via a push-pull control, with advanced Soft Start management. This modulates engagement of high inertial attachments to protect the driveline. Speed selection is via mechanical levers; SideWinder II T7.220 and above feature electronic speed selection. Four speeds: 540, 540E, 1000 and 1000E are available.

HYDRAULIC POWER TO MEET YOUR DEMANDS

CLOSED CENTRE LOAD SENSING HYDRAULICS

Hydraulic efficiency makes an important contribution to the overall performance of the tractor. T7.170 to T7.210 models are fitted with a 113 or 125 litres per minute hydraulic pump, this increases to 120 or 150 litres per minute on the T7.220 and above. T7 Auto Command models benefit from a priority valve which guarantees optimum steering response in demanding hydraulic applications. For T7 Range Command™ and Power Command™ models, a separate 65 litres per minute pump takes care of the steering. Full hydraulic power is always available at the remote valves and lift linkage, but only as much as is needed. The variable displacement pump only works on demand, which reduces fuel consumption.

CLASSIC ARMREST



SIDEWINDER™ II ARMREST



ELECTRONIC OR MECHANICAL - YOU DECIDE

The Classic armrest incorporates mechanical controls for the remote valves. SiderWinder™ II armrest models have electronic controls, with two controls on the CommandGrip™ handle for ease of use. A hydraulic control joystick can be specified. This can be set to operate front or rear valves.



Model		770TL	780TL	790TL
Max. lift height (m)		4.2	4.4	4.7
Max. lift capacity (kg)		2804	2937	3079
T7.170		●	○	–
T7.185		●	○	–
T7.200		○	●	–
T7.210		○	●	–
T7.220		–	●	○
T7.235		–	●	○
T7.250		–	○	●
T7.260		–	○	●
T7.270		–	○	●

● Recommended ○ Optional – Not available
 * Not compatible with SuperSteer™ front axle



PURPOSE DESIGNED FOR PRODUCTIVITY

Purpose designed New Holland 700TL front loaders are available on T7 tractors. Excellent visibility throughout the entire lift cycle is maintained courtesy of the standard high visibility roof panel for outstanding productivity and operator comfort.

Loader intensive operations will specify the optional Active Fast Tip, which fully empties buckets, even of sticky material, with no extra effort and without reliability-impacting banging. Active Extra Scoop keeps the bucket full throughout the entire lift cycle with an auto-adjusting bucket angle to keep every profitable grain safe.

New Holland 700TL loaders can be specified in three models. Lift capacities range from 2804kg to 3079kg and maximum lift heights span 4200mm to 4700mm. (Dependent upon tyre size.)

ADJUST THE FLOW ON UP TO NINE REMOTES

The electronic remote valves fitted on SideWinder™ II tractors each have individual flow control. Hydraulic flow and timing to each valve can be individually adjusted using simple 'pop-up' menus on the IntelliView™ touch-screen.

All T7 models fitted with the classic armrest boast up to four deluxe mechanical rear remote valves, whereas models equipped with the SideWinder™ II armrest benefit up to five electro-hydraulic rear remotes. All models in the T7.170 to T7.210 range offer up to three mid-mount valves, which is upped to four for the T7.220 to T7.270 models.



360°: T7

The new T7 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!



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

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

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

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

• Cab air filter can be easily changed.

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

• The 48 litre AdBlue® tank's filler neck is narrower than that of the standard fuel tank, which prevents inadvertent filling with fuel. It only needs to be filled once every two refills of the fuel tank.

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



WILL I BE ABLE TO FIND ADBLUE® EASILY?

The answer is yes! It will be available on your doorstep, through CNH Industrial 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.

DEALER INSTALLED ACCESSORIES

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





FINANCE TAILORED TO YOUR BUSINESS

CNH Industrial 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 Industrial 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.

NEW HOLLAND APPS

iBrochure

NH Weather

NH News

Farm Genius

PLM Calculator

PLM Academy



Experience New Holland
What's App!

Scan here to download the Apps



NEW HOLLAND STYLE

Want to make New Holland a part of your everyday life? Browse the comprehensive selection on 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

T7.170 T7.185 T7.200 T7.210 T7.220 T7.235 T7.250 T7.260 T7.270

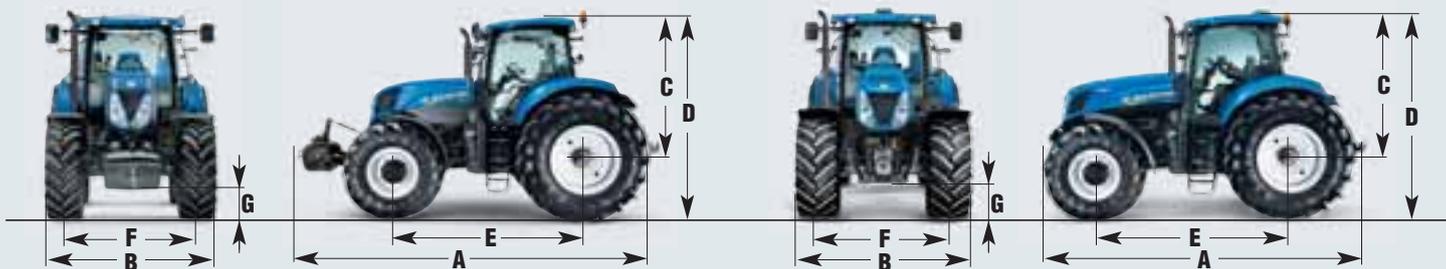
Armrest type	T7.170		T7.185		T7.200		T7.210		T7.220		T7.235		T7.250		T7.260		T7.270	
	Classic	SideWinder II																
New Holland engine*	Nef																	
No. of cylinders/Aspiration/Valves	6/T/4																	
Emission level	Tier 4A/Stage 3B																	
ECObLue™ SCR system (Selective Catalytic Reduction)	●		●		●		●		●		●		●		●		●	
Fuel system - High pressure Common Rail	●		●		●		●		●		●		●		●		●	
Approved biodiesel blend**	●		●		●		●		●		●		●		●		●	
Capacity (cm³)	B20																	
Bore and stroke (mm)	104x132																	
Max. EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	126/171		138/188		149/203		156/212		160/218		172/234		184/250		191/260		198/269	
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	106/144		117/159		126/171		133/181		138/188		149/203		160/218		172/234		183/249	
Rated EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	118/160		129/175		140/190		147/200		151/205		162/220		173/235		181/246		192/261	
Rated horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	92/125		103/140		114/155		121/165		123/167		136/185		147/200		158/215		168/228	
Rated engine speed (rpm)	2200		2200		2200		2200		2200		2200		2200		2200		2200	
Max. EPM torque - ISO TR14396 (Nm)	741@1500		810@1500		866@1500		912@1500		960@1500		1019@1500		1082@1500		1120@1500		1160@1500	
Max. torque ISO TR14396 (Nm)	612@1500		679@1500		740@1500		766@1500		825@1500		862@1500		927@1500		995@1500		1089@1500	
Torque rise standard / EPM (%)	53 / 45		52 / 45		49 / 42		45 / 43		54 / 47		46 / 45		45 / 44		45 / 43		50 / 39	
Reversible fan	○		○		○		○		○		○		○		○		○	
Exhaust brake	○		○		○		○		○		○		○		○		○	
Diesel tank capacity Standard / Optional (Litres)	270/330		270/330		330		330		395		395		395		395		395	
DEF/AdBlue® tank capacity (Litres)	48		48		48		48		48		48		48		48		48	
Service interval (hours)	600		600		600		600		600		600		600		600		600	
Range Command™ transmission																		
IntelliShift™ system	●		●		●		●		●		●		●		●		●	
Armrest type	● ○		● ○		● ○		● ○		● ○		● ○		● ○		● ○		● ○	
Auto transmission functions	●		●		●		●		●		●		●		●		●	
Range Command™ Semi-Powershift (40 kph)	○		○		○		○		○		○		○		○		○	
Number of gears / with Creeper (FxR)	18x6 / 28x12		18x6 / 28x12		18x6 / 28x12		-		-		-		-		-		-	
Min. speed / Min. speed with Creeper (kph)	2.4 / 0.40		2.4 / 0.40		2.2 / 0.37		-		-		-		-		-		-	
Range Command™ Semi-Powershift (40kph ECO or 50 kph)	○		○		○		○		○		○		○		○		○	
Number of gears / with Creeper (FxR)	19x6 / 29x12		19x6 / 29x12		19x6 / 29x12		19x6 / 29x12***		-		-		-		-		-	
Min. speed / Min. speed with Creeper (kph)	2.4 / 0.40		2.4 / 0.40		2.2 / 0.37		2.0 / 0.34		-		-		-		-		-	
Power Command™ transmission																		
IntelliShift™ system	●		●		●		●		●		●		●		●		●	
Armrest type	● ○		● ○		● ○		● ○		● ○		● ○		● ○		● ○		● ○	
Auto transmission functions	●		●		●		●		●		●		●		●		●	
Power Command™ Full-Powershift (40 kph)	○		○		○		○		○		○		○		○		○	
Number of gears / with Creeper (FxR)	18x6 / 28x12																	
Min. speed / Min. speed with Creeper (kph)	1.9 / 0.31		1.9 / 0.31		1.8 / 0.29		1.8 / 0.29		1.98 / 0.33		1.98 / 0.33		1.98 / 0.33		1.98 / 0.33		1.98 / 0.33	
Power Command™ Full Powershift (40kph ECO or 50 kph)	○		○		○		○		○		○		○		○		○	
Number of gears / with Creeper (FxR)	19x6 / 29x12																	
Min. speed / Min. speed with Creeper (kph)	1.9 / 0.31		1.9 / 0.31		1.8 / 0.29		1.8 / 0.29		1.98 / 0.33		1.98 / 0.34		1.98 / 0.35		1.98 / 0.36		-	
Auto Command™ Continuously Variable Transmission																		
Armrest type	- ●		- ●		- ●		- ●		- ●		- ●		- ●		- ●		- ●	
Active StopStart function	-		-		-		-		-		-		-		-		-	
Force base propulsion control	-		-		-		-		-		-		-		-		-	
Auto Command™ Continuously Variable Transmission (40 kph ECO)	-		-		-		-		-		-		-		-		-	
Min. speed/Max. speed (kph)	- 0.02/40@1550rpm		- 0.02/40@1550rpm		- 0.02/40@1550rpm		- 0.02/40@1550rpm		- 0.03/40@1450rpm									
Auto Command™ Continuously Variable Transmission (50 kph ECO)	-		-		-		-		-		-		-		-		-	
Min. speed / Max. speed (kph)	- 0.02/50@1700rpm		- 0.02/50@1700rpm		- 0.02/50@1700rpm		- 0.02/50@1700rpm		- 0.03/50@1550rpm									
Electrical																		
12 volt alternator Standard/Optional (Amps)	120/150 150/200		120/150 150/200		120/150 150/200		120/150 150/200		150 150/200		150 150/200		150 150/200		150 150/200		150/200	
Battery capacity (CCA / Ah)	960 / 132		960 / 132		960 / 132		960 / 132		1300 / 176		1300 / 176		1300 / 176		1300 / 176		1300 / 176	
Axles																		
4WD front axle	●		●		●		●		●		●		●		●		●	
Terraglide™ front axle suspension	○		○		○		○		○		○		○		○		○	
SuperSteer™ front axle	○		○		○		○		○		○		○		○		○	
Steering angle Standard / Terraglide™ / SuperSteer™ axle (°)	55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65		55 / 55 / 65	
Fast Steer™ system	○		○		○		○		○		○		○		○		○	
Terralock™ functions	●		●		●		●		●		●		●		●		●	
Dynamic front fenders	○		○		○		○		○		○		○		○		○	
Bar rear axle	○		○		○		○		○		○		○		○		○	
Turning radius with SuperSteer™ front axle (mm)	4950		4950		4950		4950		5705		5705		5705		5705		5705	
Turning radius with Standard / Terraglide™ suspension front axle (mm)	5450		5450		5450		5450		6100		6100		6100		6100		6100	
Hydraulics																		
Closed Centre Load Sensing (CCLS)	●		●		●		●		●		●		●		●		●	
Main pump flow Standard / MegaFlow™ option**** (Lpm)	113 / 125*****		113 / 125*****		113 / 125*****		113 / 125*****		120 / 150		120 / 150		120 / 150		120 / 150		120 / 150	
Electronic Draft Control (EDC)	●		●		●		●		●		●		●		●		●	
Remote valves																		
Max. no. rear valves	4 5		4 5		4 5		4 5		4 5		4 5		4 5		4 5		4 5	
Joystick control	○		○		○		○		○		○		○		○		○	
Max. no. mid mount valves	3		3		3		3		4		4		4		4		4	
Linkage																		
Max. lift capacity at ball ends (kg)	8257		8257		8257		8257		10463		10463		10463		10463		10463	
Max. lift capacity through the range (610 mm behind ball ends) (kg)	6616		6616		6616		6616		9266		9266		9266		9266		9266	
Front linkage lift capacity at ball ends (through the range) (kg)	3568		3568		3568		3568		3785		3785		3785		3785		3785	
Front loader ready	○		○		○		○		-		-		-		-		-	
Seat mounted integrated loader joystick	●		●		●		●		-		-		-		-		-	
Brakes																		
Range and Power Command electronic park brake	○		○		○		○		○		○		○		○		○	
Auto Command electronic park brake	-		-		-		-		-		-		-		-		-	
Hydraulic trailer brakes	○		○		○		○		○		○		○		○		○	
Optional pneumatic trailer braking system	○		○		○		○		○		○		○		○		○	
Optional ABS braking system	-		-		-		-		-		-		-		-		-	
Optional ABS SuperSteer™ system	-		-		-		-		-		-		-		-		-	

● 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
 *** Only 40kph ECO @ 1890 on 580/70R42 tyres **** Engine speed for Range & Power Command @ 2200rpm and Auto Command @ 1800rpm ***** MegaFlow™ option only available on Auto Command versions

MODELS

T7.170 T7.185 T7.200 T7.210 T7.220 T7.235 T7.250 T7.260 T7.270

Armrest type	T7.170		T7.185		T7.200		T7.210		T7.220		T7.235		T7.250		T7.260		T7.270	
	Classic	SideWinder II	Classic	SideWinder II	Classic	SideWinder II	Classic	SideWinder II	Classic	SideWinder II	Classic	SideWinder II						
PTO																		
Auto Soft Start	●		●		●		●		●		●		●		●		●	
Engine speed at:																		
540/1000 (rpm)	1969/1924		1969/1924		1969/1924		1969/1924		1893/1950		1893/1950		1893/1950		1893/1950		1893/1950	
540E/1000 (rpm)	-		-		-		-		1569/1893		1569/1893		1569/1893		1569/1893		1569/1893	
1000/1000E (rpm)	-		-		-		-		1893/1700		1893/1700		1893/1700		1893/1700		1893/1700	
540/540E/1000 (rpm)	1969/1546/1893		1969/1546/1893		1969/1546/1893		1969/1546/1893		-		-		-		-		-	
540E/1000/1000E (rpm)	1592/1893/1621		1592/1893/1621		1592/1893/1621		1592/1893/1621		-		-		-		-		-	
540/540E/1000/1000E (rpm)	-		-		-		-		1931/1598/1912/1583		1931/1598/1912/1583		1931/1598/1912/1583		1931/1598/1912/1583		1931/1598/1912/1583	
Electronic PTO selection	-		-		-		-		-		-		-		-		-	
Auto PTO management	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Front PTO (1000rpm)	○		○		○		○		○		○		○		○		○	
Cab																		
Four pillar 360° Horizon™ cab with FOPS - OECD code 10 level 1	●		●		●		●		●		●		●		●		●	
Horizon™ cab category level - EN 15695	2		2		2		2		2		2		2		2		2	
High visibility roof hatch	○		○		○		○		○		○		○		○		○	
High visibility RHS door	-	●	-	●	-	●	-	●	-	●	-	●	-	●	-	●	-	●
Opening RHS door	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○
Heated front and rear windscreen	○		○		○		○		○		○		○		○		○	
HID lighting pack	○		○		○		○		○		○		○		○		○	
Deluxe air suspension seat with seat belt	●		●		●		●		●		●		●		●		●	
Auto Comfort™ seat with seat belt	○		○		○		○		○		○		○		○		○	
Auto Comfort™ heated seat with seat belt	○		○		○		○		○		○		○		○		○	
Auto Comfort™ heated leather seat with seat belt	-		-		-		-		○		○		○		○		○	
Instructors seat with seat belt	-		○		○		○		○		○		○		○		○	
Luxury Pack (Leather steering wheel and carpet)	○		○		○		○		○		○		○		○		○	
CommandGrip™ handle	-	●	-	●	-	●	-	●	-	●	-	●	-	●	-	●	-	●
Electronic adjustment of SideWinder™ II armrest	-	●	-	●	-	●	-	●	-	●	-	●	-	●	-	●	-	●
Air conditioning	●		●		●		●		●		●		●		●		●	
Automatic climate control	○		○		○		○		○		○		○		○		○	
Air recirculation filters	●		●		●		●		●		●		●		●		●	
MP3 Bluetooth radio (hands free phone calls)	○		○		○		○		○		○		○		○		○	
Telescopic shatterproof mirrors	●		●		●		●		●		●		●		●		●	
Wide angle telescopic shatterproof mirrors	○		○		○		○		○		○		○		○		○	
Comfort Ride™ cab suspension	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Headland Turn Sequence (HTS)	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Fender mounted external PTO & linkage controls	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
Fender mounted external remote valve control	-	○	-	○	-	○	-	○	-	○	-	○	-	○	-	○	-	○
Performance monitor with enhanced key pad	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
IntelliView™ III colour monitor with ISO 11783 connector	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
IntelliView™ IV colour monitor with ISO 11783 connector	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Up to 3 viewing cameras (IntelliView™ III monitor only)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
IntelliSteer® guidance ready	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
PLM® Connect telematics	-	○	-	○	-	○	-	○	-	○	-	○	-	○	-	○	-	○
Range and Power Command optimum cab noise level - 77/311EEC dB(A)	70																	
Auto Command optimum cab noise level - 77/311EEC dB(A)	69																	
Factory fit rotating beacons (1 / 2)	○		○		○		○		○		○		○		○		○	
Weights (Range & Power Command / Auto Command)																		
Minimum unballasted/shipping weights																		
Standard front axle (kg)	5750/5800		5750/5800		5950/6000		5950/6000		6950/7300		6950/7300		6950/7300		6950/7300		7300	
Terraglide™ suspended front axle (kg)	6050/6100		6050/6100		6250/6300		6250/6300		7300/7632		7300/7632		7300/7632		7300/7632		7632	
SuperSteer™ front axle (kg)	6030/6080		6030/6080		6230/6280		6230/6280		7100/7432		7100/7432		7100/7432		7100/7432		7432	
Max. permissible weight at 50kph (Class 3) (kg)	10000		10000		10000		10000		-		-		-		-		-	
Max. permissible weight at 50kph (Class 4) (kg)	10500/11000		10500/11000		10500/11500		10500/11500		13000		13000		13000		13000		13000	



DIMENSIONS

T7.170 - T7.210

T7.220 - T7.270

With rear tyre size*****		520/70R38	650/65R38	650/65R42	650/65R38	650/60R42	710/60R42
A Overall length inc. weight pack and rear linkage (mm)		5347	5347	5347	5773	5773	5773
B Minimum width (mm)		2446	2446	2446	2470	2470	2470
C Height at centre of rear axle to top of cab (mm)		2215	2215	2215	2140	2140	2140
D Overall height (mm)		3040	3090	3140	3065	3115	3165
E Wheelbase (mm)		2734	2734	2734	2884	2884	2884
Terraglide™ suspended axle (mm)		2789	2789	2789	2884	2884	2884
SuperSteer™ axle (mm)		2880	2880	2880	2977	2977	2977
F Track width (min. / max.) (mm)		1630/2234	1734/2234	1734/2234	1806/2236	1806/2236	1806/2236
G Ground clearance (depends on hitch or tow hook) (mm)		515	540	565	423	473	523

***** Rear tyres other than those mentioned are available: T7.170 - T7.210, 520/70R38, 600/65R38, 650/60R38, 580/70R38, 650/65R38, 710/60R38, 18.4R38, 20.8R38, 18.4R42. For T7.200 and T7.210 models 20.8R42, 650/65R42 and 580/70R42 are also available. T7.220 - T7.270, 520/85R38, 580/70R38, 650/75R38, 710/70R38, 460/85R42, 580/85R42, 580/70R42, 620/70R42.

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!



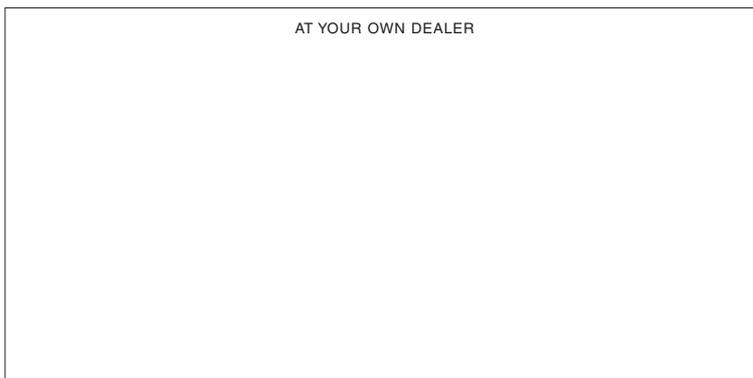
TOP SATISFACTION

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



For more details, ask your New Holland dealer!

* 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.



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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 - 12/14 - TP01 - (Turin) - **130010/INB**

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