



NEW HOLLAND T6000

RANGE COMMAND™ AND POWER COMMAND™ TRACTORS

T6070 | T6080 | T6090



LIGHT AND AGILE. POWERFUL AND PRODUCTIVE.

MAXIMUM VERSATILITY

Are you looking for a tractor with the best power to weight ratio on the market? Light weight and exceptional power delivery are key T6000 design features. Want more? How about superb manoeuvrability, brilliant all-round visibility and ease of operation. Demand versatility? Consider the excellent PTO performance and the perfect spread of gear speeds for fast top work. Now match this to safe, fast and easy to access transport performance. How's that for versatility?

PRODUCTIVITY AND POWER

With Power Boost, you get so much more. Rated horsepower on all T6000 Range Command™ or Power Command™ models automatically increases to meet challenging PTO, hydraulic and transport applications. Up to 36 hp(CV) more power and 68 Nm more torque provides the reserves of power you need to get the job done. On time, every time.



ULTIMATE COMFORT

T6000 Range Command™ and Power Command™ tractors are available with both the proven standard armrest that makes spending long hours in the cab a pleasurable experience. These models offers gear lever, hand throttle and electronic draft controls on the adjustable armrest console. Very ergonomic and easy to use layout of the adjustable armrest gives to operator the absolute comfort.

QUALITY AND RELIABILITY

In depth product quality is a top New Holland priority at the Basildon Tractor Plant in the United Kingdom. Just look at the interior of our latest T6000 tractor cabs. By combining the use of durable, premium grade materials with automotive standards of fit and finish, our cab interiors not only look and feel great, but they are crafted to stay that way. By investing in the latest and most advanced production systems, we continue to refine our manufacturing quality control. We deliver the product quality you and your business demands.



MORE POWER. GREATER PRODUCTIVITY. SIMPLE.

New Holland continues to develop the T6000 tractor series to meet your specific needs. With the latest T6090 you have access to a maximum engine power of over 200 hp(CV) for demanding PTO, hydraulic or transport applications. Of equal importance, this same light and compact tractor will rein back the power for less demanding applications. The result? All the power you need but only when necessary. How's that for versatility?



Sustainable Efficient Technology





EVERY CONTROL JUST WHERE YOU NEED IT

Available on both Range Command™ and Power Command™ T6000 tractors, the Classic armrest is a significant step forward in terms of operator control. It is simple to use and understand, and all key functions, from throttle to transmission through to PTO and hydraulics, can be quickly and easily accessed. No need to stretch. No need to look for a group of controls. A simple design that makes driving the tractor a whole lot easier.



WE LOOK AFTER THE POWER. YOU REAP THE BENEFITS.

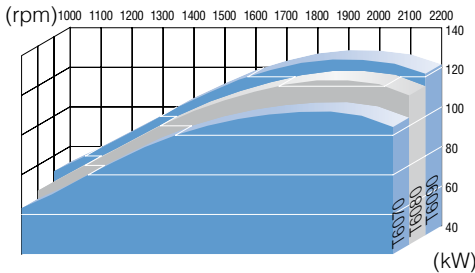
A RANGE OF OUTPUTS TO MATCH YOUR BUSINESS NEEDS

The powerful T6000 Range Command™ and Power Command™ models have a choice of rated power outputs from 142 to 165 hp(CV) and have been engineered by design to respond to your specific farming needs. With intelligent Engine Power Management these outputs can climb respectively to 178 and 201 hp(CV), but only when needed. The result? The New Holland T6000 series has all the power you need without the penalty of heavy fuel use.

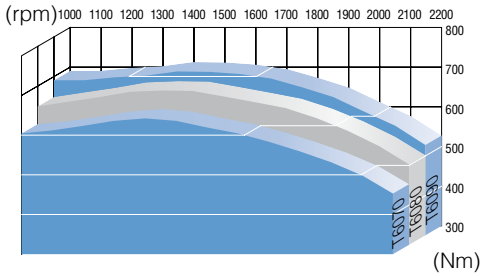
LONGER SERVICE INTERVALS. SMALLER BILLS.

Quality reduces operating costs. This is particularly the case with T6000 series tractors. Tested for over 27000 hours across two continents, the proven engineering allows all models to have 600 hour service intervals, using conventional oils. This is the longest routine service interval in the industry, without any compromise in performance or longevity. Choose New Holland to save money and downtime.

Power Curves

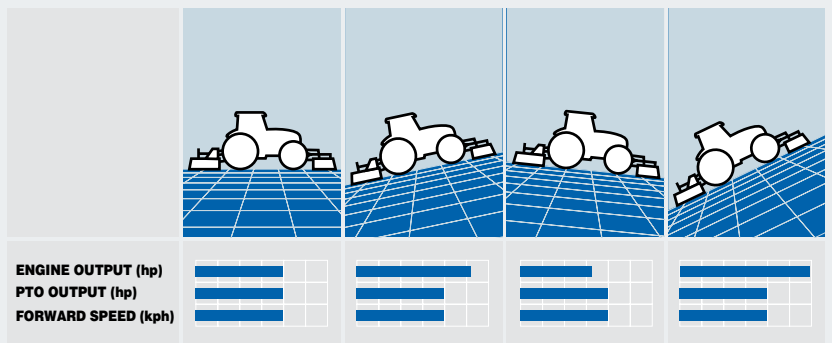


Torque Curves



EPM. REAL POWER BOOST, BUT ONLY WHEN IT'S NEEDED.

New Holland Engine Power Management (EPM), is standard on all T6000 Range Command™ and Power Command™ tractors. EPM will deliver a power boost of up to 36 hp(CV) in demanding transport, PTO and intensive hydraulic applications, automatically reverting back to standard output as conditions ease. The result? You get the extra performance of a high powered tractor, but only when you need it.



SIMPLE ENGINE SPEED MANAGEMENT (ESM). TAKING THE HASSLE OUT OF THROTTLE CONTROL.

A versatile tractor needs to be equally suited to PTO and heavy draft applications. With ESM, the advanced engine management system will precisely fuel the engine so it will accommodate fluctuations in engine load whilst maintaining the desired engine speed. For convenience, two engine speeds can be memorised. The operator can then simply toggle between the speeds using a button on the transmission controller.

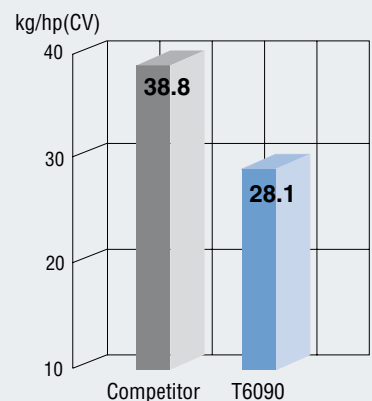


WHY CHOOSE A LIGHTER TRACTOR?

Drilling, top dressing, mowing, spraying and transport. Each places a different demand upon the tractor, but none of them require heavy draft capabilities. So why buy a big, heavy tractor to do these various tasks? A T6090 can deliver over 200 hp(CV), but it weighs the same as a tractor that develops nearer 125 hp(CV). Who says high power and high weight always go together?



CLASS-LEADING POWER TO WEIGHT RATIO



PUSH BUTTON SIMPLICITY. YEARS OF PROVEN TECHNOLOGY.

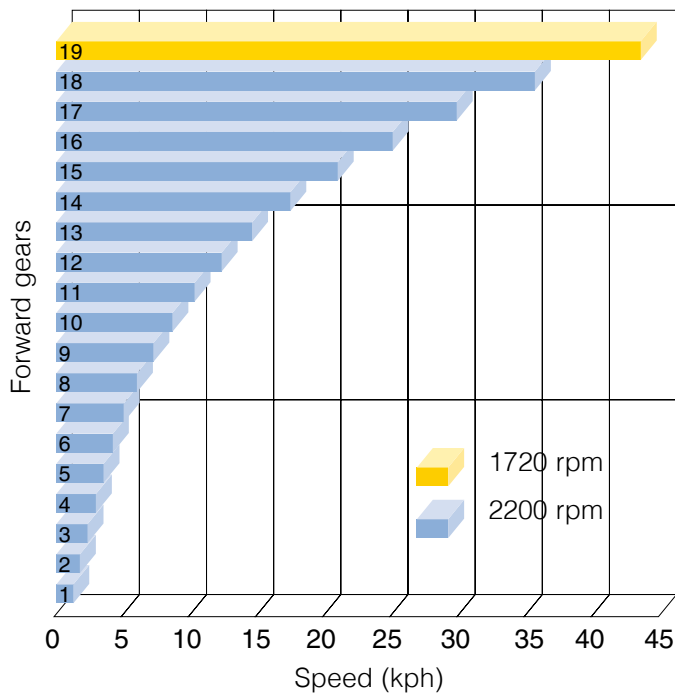
Range Command™ is a simple, rugged and well proven transmission. It provides clutch-free gear changes within each working range. It is the ideal choice for general farm applications. Power Command™ is a full-powershift transmission: there is no loss in drive, no range shifting, just press the shift button. Only New Holland offers such a simple transmission choice.



SMOOTH SPEED TRANSITION

New Holland IntelliShift™ has been developed to improve the quality of shift between ratios. Load, engine speed and oil temperature are all taken into consideration - making each shift as smooth as possible.

19x6 40 KPH ECO TRANSMISSION



CHOOSING THE RIGHT TRANSMISSION IS AS EASY AS CHANGING GEAR

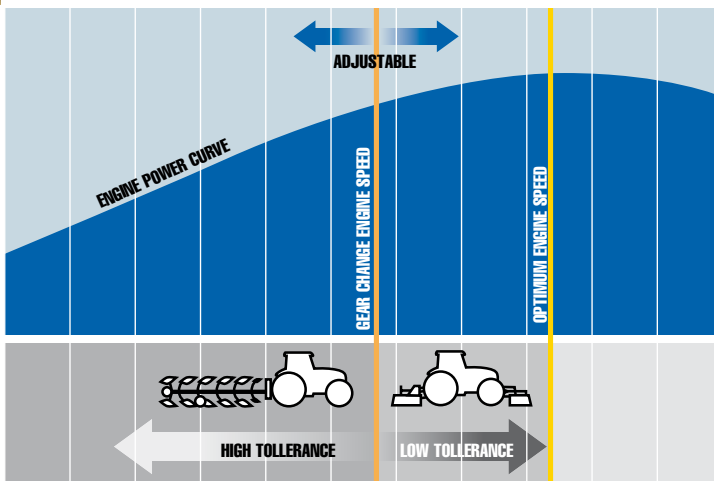
Range Command™ and Power Command™ are based around the same gear offering. You can choose a 19x6 40 kph ECO transmission that not only provides 40 kph at a reduced engine speed, but also uses an 'overdrive' design to minimise parasitic losses; the combined result, less fuel is used. For those requiring higher haulage speeds, option for a 19x6 50 kph Direct Drive transmission and for specialist work you can add a 29x12 creeper transmission.

WORK TOGETHER: AUTOMATION, COMFORT AND PRODUCTIVITY

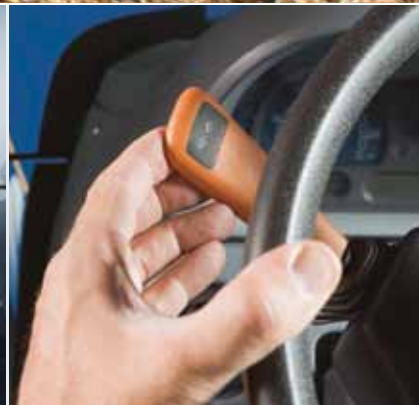
Easy to set up and brilliantly effective, Auto Transport and Auto Field modes can really reduce the effort required to work a T6000 tractor over a long working day. With Auto Transport, the tractor will seamlessly shift ratios like an automatic car. It will even sense if the tractor is being pushed by a loaded trailer while descending a hill. If it does, it holds the current gear to provide engine braking. Auto Field allows the operator to dictate how much engine rpm fall there should be before an auto shift is made. Set it to a low level to maintain an even engine speed while carrying out PTO work, or a higher level to utilise the torque back up when ploughing.

EASY SHUTTLE

The clutchless forward reverse shuttle, operated via the steering column and on button selection of gears from the hand lever mounted on the adjustable right hand side armrest allows easy direction and speed change.



FASTER TURNS. BETTER TRACTION. GREATER PERFORMANCE.



LESS TIME TURNING BOOSTS YOUR OUTPUT

New Holland leads the field in reducing the time it takes to turn on the headland. A narrow engine design and dynamic front fenders help make the most of the tight turn angle. The programmable shuttle system can also help shave seconds off your turnaround time. The Fast Steer™ system 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”.



TERRALOCK™ MANAGEMENT SYSTEM TAKES CARE OF TRACTION

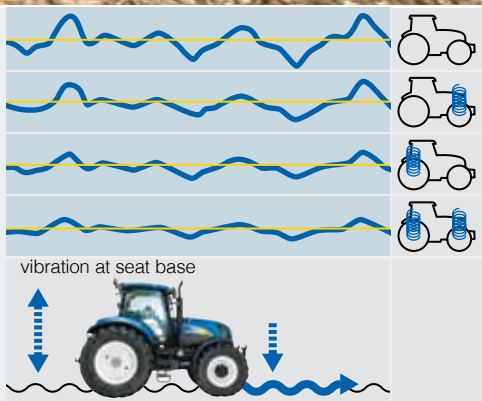
Terralock™ is another New Holland feature that has been developed and refined over several tractor generations. It is simple to set up and operate. Once selected, the system will automatically manage engagement of drive to the front axle and the locking of both front and rear differentials. Forward speed and steering angle information dictate when the differential locks and if required the four wheel drive disengages. Terralock™ not only reduces your workload at the headland but also your turning circle and minimises soil smearing.

HEAVY-DUTY AXLES

They may be light, but do not mistake this for lacking in strength. All T6000 tractors come with axles that are matched to their power. Axle strength and weight increase with engine power, this ensures a good power to weight ratio on all models, not just the high powered ones.

BRAKE OPTIONS

All 50kph models include front axle brakes and pneumatic trailer brakes as standard.



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. The integrated Terraglide™ front axle suspension is recommended in operations that include fast top work and extended transport duties.

FEATURES TO BOOST YOUR PRODUCTIVITY



MAKING IT EASIER TO WORK WITH FRONT MOUNTED IMPLEMENTS

New Holland T6000 tractors are designed to incorporate a fully integrated, factory fitted front linkage and PTO. Automated HTS works with both the front and rear systems, and combined with rear Auto PTO, make it so much simpler to carry out multiple tasks with front and rear mounted equipment. The linkage arms fold up when not in use or can be used to carry the full standard weight pack.



AUTO PTO. DOES EXACTLY WHAT IS SAYS.

Engaging and disengaging the PTO at the right time as the rear linkage is lowered can be critical; get the timing wrong, and the PTO shaft may be damaged. Auto PTO can be set to automatically engage and disengage drive to the PTO. Once set, it will use the position of the rear linkage to manage the PTO drive. Engagement is fully modulated to protect both tractor and implement.

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.

STRONG, EFFICIENT AND POWERFUL

Measured at 610 mm from the ball ends, the Cat III rear linkage has a continuous lift capacity of 6616 kg. Rated at a massive 8257 kg, 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.



HYDRAULIC POWER TO MEET YOUR DEMANDS



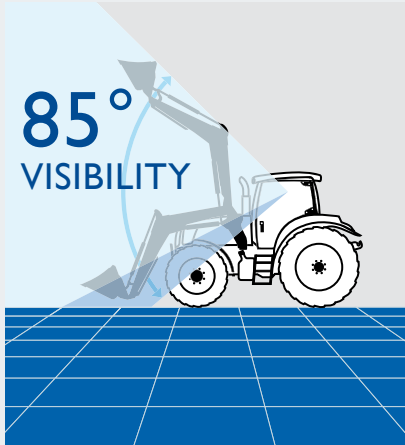
CLOSED CENTRE LOAD SENSING HYDRAULICS

Hydraulic efficiency makes an important contribution to the overall performance of the tractor. With T6000 Range Command™ and Power Command™ tractors, the main hydraulic piston pump delivers up to 113 litres per minute, a separate 65 litre per minute pump takes care of the steering and engagement of the differentials. Full hydraulic power is always available at the remote valves and lift linkage, but only as much as is needed. The CCLS pump only works on demand as you require, reducing fuel consumption.



REMOTE VALVES TO SUIT YOUR NEEDS

Four rear remote valves are available, with mechanical operation with individual flow control. In addition, up to three remotes can be fitted in the middle of the tractor to operate a front linkage or loader. The mid-mount remotes are operated via an integral joystick control in the cab.



PURPOSE DESIGNED FOR PRODUCTIVITY

New Holland 700TL loaders are purpose-designed for Range Command™ and Power Command™ tractors. From the operator's seat, visibility remains excellent when the loader is both at ground level and, thanks to the standard high visibility roof panel, when raised progressively to its full lift height. This is an important design advantage of both the tractor and 700TL loader and a key to ensuring the combination can deliver full productivity. New Holland 700TL loaders can be specified in four models. Lift capacities range from 2304 kg to 2808 kg and maximum lift heights span 3860 mm to 4051 mm. (Dependent upon tyre size)

ADJUST THE FLOW ON UP TO FOUR REMOTES

The mechanical remote valves fitted on New Holland Range Command™ and Power Command™ tractors each have individual flow control.



QUIET, COMFORTABLE AND OFFERING A GREAT VIEW

Step up into a standard T6000 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. The standard armrest puts all key controls just where you have told us you want them. All-round visibility is about as good as it gets. Noise levels are stringently controlled, helping to reduce fatigue. From air-conditioning to optional full climate control, the horizon cab will do its best to keep you comfortable.



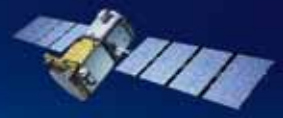
BRIGHT LIGHTS FOR DARK NIGHTS

A full range of worklights are fitted to all models as standard. These can be angled to suit the application. Offering a bright and broad spread of light, the worklights are easily controlled from a dedicated switch panel. HID high intensity lights are offered as an option.

RADIO AND BLUETOOTH

All T6000 tractors offers Bluetooth RDS/MP3 radio as an option. Not only you can take your phone calls handsfree, also you'll be able to listen to your top tunes either directly from your MP3 player or via USB memory stick.





NEW HOLLAND OFFERS SO MUCH MORE

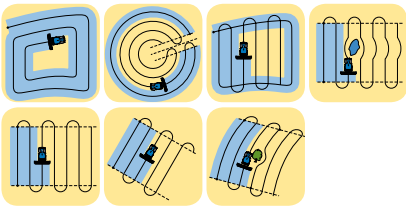
INTELLISTEER™ AUTOMATIC STEERING SYSTEM

Series T6000 Range Command™ and Power Command™ can be specified with a fully integrated New Holland designed and developed IntelliSteer™ Automatic Steering System. Using DGPS or RTK Technology and fully integrated control systems the IntelliSteer™ system helps ensure parallel pass to pass accuracy of up to 1-2 cm*. The IntelliSteer™ system is ideal for seeding and planting in the most demanding situations and dramatically improves operator performance and comfort. An additional benefit of using RTK correction with the IntelliSteer™ system is the guaranteed year to year repeatability, which is becoming more important with today's modern farming techniques. All this and more at the touch of a button.

* Using RTK correction signal.

INTELLIVIEW™ - VISIBLE INTELLIGENCE

IntelliView™ IV Monitor can be used to set up the optional New Holland auto guidance systems, and includes a visual interface that can be employed when operating the IntelliSteer™ system. IntelliView™ IV Monitor have a touchscreen display which allows the programming and personalisation of settings to be easily performed.



NH 372 RECEIVER

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



RTK BASE STATION

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



NAVIGATION CONTROLLER II

The Navigation Controller II is the main control system which continually corrects for roll, pitch, and yaw by using state of the art 6-axis solid state inertial sensors to give you a true on-ground position.

INTEGRATED CONTROL SYSTEMS

The New Holland IntelliSteer™ System uses built in steering angle sensors to keep the Navigation Controller II informed of wheel direction. 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.



BEYOND THE PRODUCT

TRAINED TO GIVE YOU THE BEST SUPPORT

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through on-line courses as well as intensive practical field based courses.

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

UNLIMITED SUPPORT FOR UNLIMITED SATISFACTION

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



**DO NOT RISK YOUR MACHINE'S LIFE.
ALWAYS CHOOSE CNH INDUSTRIAL GENUINE PARTS!**



MODELS	T6070	T6080	T6090
New Holland engine*	NEF	NEF	NEF
No. of cylinders / aspiration / valves / emission level	6 / T / 4v / Tier 3	6 / T / 4v / Tier 3	6 / T / 4v / Tier 3
Fuel system - high pressure common rail	●	●	●
Approved Biodiesel blend**	B100	B100	B100
Capacity (cm ³)	6728	6728	6728
Bore and stroke (mm)	104x132	104x132	104x132
Rated power - ISO TR14396 - ECE R120 [kW/hp(CV)]	104/142	114/155	121/165
Rated power - ISO TR14396 - ECE R120 Engine Power Management [kW/hp(CV)]	123/167	135/183	140/190
Max. power - ISO TR14396 - ECE R120 [kW/hp(CV)]	112/152	124/169	128/174
Max. power - ISO TR14396 - ECE R120 Engine Power Management [kW/hp(CV)]	131/178	142/193	148/201
Rated engine speed (rpm)	2200	2200	2200
Max. torque ISO TR14396 (Nm)	643 @ 1400 rpm	690 @ 1400 rpm	710 @ 1400 rpm
Max. torque ISO TR14396 Engine Power Management (Nm)	678 @ 1600 rpm	748 @ 1600 rpm	778 @ 1600 rpm
Torque rise standard / with Engine Power Management (%)	42 / 27	37 / 28	35 / 28
Viscous coupled cooling fan	●	●	●
Fuel tank capacity (Litres)	285	285	285
Service interval (hours)	600	600	600
Transmission			
IntelliShift™ system	●	●	●
Range Command™ Semi Powershift (40 kph)***			
Speed range / speed range with creeper (F x R)	18 x 6 / 28 x 12	18 x 6 / 28 x 12	19 x 6 / 29 x 12
Minimum speed / minimum speed with creeper (kph)	2.4 / 0.40	2.2 / 0.37	2.2 / 0.66
Auto transmission functions	●	●	●
Power Command™ Full Powershift (40 kph)			
Speed range / speed range with creeper (F x R)	18 x 6 / 28 x 12	18 x 6 / 28 x 12	18 x 6 / 28 x 12
Minimum speed / minimum speed with creeper (kph)	1.9 / 0.31	1.8 / 0.29	1.8 / 0.29
Auto transmission functions	●	●	●
Axles			
4WD front axle	●	●	●
Terraglide™ front axle suspension	○	○	○
Steering angle Standard / Terraglide™ (°)	55 / 55	55 / 55	55 / 55
Fast Steer™ system	○	○	○
Terralock™ functions	●	●	●
Dynamic front fenders	○	○	○
Turning radius with standard/suspension front axle (mm)	5450	5450	5450
Hydraulics			
CCLS Closed Centre Load sensing	●	●	●
Main pump flow / pump pressure (Lpm / Bar)	113 / 210	113 / 210	113 / 210
Electronic Draft Control (EDC)	●	●	●
Remote Valves			
Type: Deluxe Non-Configurable detents	●	●	●
Type: Configurable detents	○	○	○
Max. no. rear valves	4	4	4
Joystick control	○	○	○
Max. no. mid mount valves	3	3	3
Linkage			
Max. lift capacity at ball ends - 100 mm rams (kg)	8257	8257	8257
Max. lift capacity through the range (610 mm behind ball ends) - 100 mm rams (kg)	6616	6616	6616
Front linkage lift capacity at ball ends (through the range) (kg)	3568	3568	3568
PTO			
Auto Soft Start	●	●	●
Engine speed at: 540 / 540E / 1000 rpm (rpm)	1969 / 1546 / 2120	1969 / 1546 / 2120	1969 / 1546 / 2120
Auto PTO management	○	○	○
Front PTO (1000 rpm)	○	○	○

MODELS
T6070
T6080
T6090

Brakes				
Hydraulic trailer brakes		○	○	○
Pneumatic tractor brakes (Std with 50 kph)		○	○	○
Cab				
4 pillar horizon cab		●	●	●
High visibility roof hatch		○	○	○
High visibility RHS door		○	○	○
Opening RHS door		○	○	○
HID lighting pack (dealer fitted)		○	○	○
Deluxe air suspension seat		●	●	●
Auto Comfort™ seat		○	○	○
Instructors seat		○	○	○
Air conditioning		●	●	●
Automatic climate control		○	○	○
Air recirculation filters		●	●	●
MP3 Bluetooth radio (Hands free phone calls)		○	○	○
Telescopic shatterproof mirrors		●	●	●
Comfort Ride™ cab suspension		●	●	●
Headland Turn Sequence		○	○	○
Fender mounted external PTO & linkage controls		○	○	○
Fender mounted external remote valve control		○	○	○
Performance monitor with enhanced key pad		●	●	●
IntelliView™ IV large screen		○	○	○
IntelliSteer™ guidance ready		○	○	○
Optimum cab noise level EC 77/311	dB(A)	70	70	70
Factory fit rotating beacons (1 / 2)		○	○	○
Weights				
Minimum unballasted / shipping weights:				
Standard front axle	(kg)	5450	5650	5650
Terraglide™ suspended front axle	(kg)	5750	5950	5950
Max. permissible weight	(kg)	10000	15000	15000

● Standard ○ Optional – Not available * Developed by FPT Industrial ** Conditions Apply *** 40 ECO kph on T6090 only

**** Rear Tyres other than those mentioned are available: 520/70R38, 600/65R38, 650/60R38, 580/70R38, 650/65R38, 710/60R38, 18.4R38, 20.8R38, 580/70R42, 650/65R42, 18.4R42, Note: R42 tyres only available on T6080 & T6090.


MODELS
T6070
T6080
T6090

Dimensions with rear tyre size****				
		600/65R38	580/70R42	650/65R42
A Overall length inc. weight pack and rear linkage	(mm)	5347	5347	5347
B Minimum width	(mm)	2230	2180	2384
C Height at centre of rear axle to top of cab	(mm)	2215	2215	2215
D Overall height	(mm)	3040	3140	3140
E Wheelbase: Standard axle	(mm)	2734	2734	2734
Terraglide™ suspended axle	(mm)	2789	2789	2789
F Track width (min. / max.)	(mm)	1560/2234	1600/2234	1734/2234
G Ground clearance	(mm)	486	586	586

NEW HOLLAND.
A REAL SPECIALIST IN YOUR
AGRICULTURAL BUSINESS.



AT YOUR OWN DISTRIBUTOR



Visit our website: www.newholland.com
Send us an e-mail: africa.topservice@newholland.com
middleEast.topservice@newholland.com



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. (Turin) - 12/15 - **MEA5124N/INB**

New Holland prefers **AMBRA** lubricants