

NEW HOLLAND T9

T9.45O | T9.5O5 | T9.56O | T9.615 | T9.67O



YOU'LL BE HARD PRESSED TO FIND THIS MANY HORSES SO WELL TRAINED

At New Holland we have put all our tractor building experience into making the T9 tractor series more comfortable and even easier to drive. We have not neglected your core demands either. High capacity axles, advanced transmission control and ultra-efficient power units are housed in a chassis size to match your business needs. Just take a look at what T9 series tractors have to offer.

MORE POWER AND PRODUCTIVITY

T9 tractors boast New Holland's cutting-edge engine technology. This means that the Cursor 13 powerplant benefit from exceptional breathability for a significant performance advantage. With Engine Power Management, up to 71hp(CV) is available in demanding hydraulic, PTO and transport applications for optimum productivity.

ABSOLUTE DRIVING PLEASURE

New Holland put the operator right at the heart of the tractor. Easy to use controls are matched to brilliant all-round visibility. Optional four-point cab suspension is available for the smoothest ride.

MAXIMUM VERSATILITY

New Holland T9 tractors come in two chassis sizes; slim engine hood 900mm (36 inch) standard frame up to 557hp(CV) and 1100mm (44 inch) broad acre models with wide frames and power up to 669hp(CV).

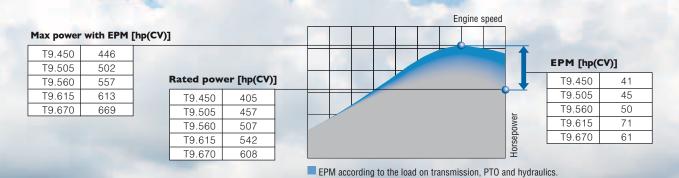
S LOWER OPERATING COSTS

A sound investment delivers the best returns. Operating costs for the new T9 tractors have been significantly reduced when compared to existing models.



EXACTLY WHAT IT SAYS ON THE BONNET

T9 tractors offer improved performance and these productivity enhancing characteristics are immediately obvious to all users. How? Quite simply, it is on the bonnet. The first two digits 'T9' refer to the tractor's category and the following three, for example '670', refer to the maximum Engine Power Management horsepower. What does that mean to you? You can buy your T9 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.





A GREAT VIEW FROM THE MOST COMFORTABLE AND QUIETEST CAB IN THE BUSINESS

CAB THAT WORKS WITH YOU, DAY IN, DAY OUT

Step into the spacious cab through the frameless door. Settle into the seat and rest your arm on the SideWinder™ II armrest. Work the buttons on the CommandGrip™ handle and remote valve paddles. Swap through the menus on the IntelliView™ IV touchscreen monitor. Fire up the engine and feel its smooth quiet power. Welcome to New Holland.

THE MOST COMFORTABLE SEAT ON THE FARM

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

SETTLE IN AND ENJOY THE RIDE

New Holland Comfort Ride™ cab suspension, offered on all T9 series tractors, is revolutionary. All four corners of the cab are suspended on spring and damper units with a sophisticated anti-sway system to ensure you get a smooth and stable ride. Captive pin mounts provide full roll over protection.





Operators who extensively use large rear equipment will be able work in absolute comfort, thanks to the seat's 40° swivel angle. Moreover, the SideWinder™ II armrest moves with the seat, so the controls are always where you need them, no need for stretching or fumbling. Comfortable rear visibility. Check.









FROM DUSK TO DAWN

Cab roof, engine hood and fender worklights are easily controlled from a dedicated switch panel. The operator can set up the lights to match a broad range of applications for safer, more productive operation.

SET YOUR PERSONAL WORKING ENVIRONMENT

Set your preferred in-cab working temperature. The automatic climate control system will maintain this setting, adjusting to suit ambient conditions. Pull down cab blinds to keep out the sun.

HIGH QUALITY AUDIO

The integrated radio allows the operator to play their own MP3 music recordings as well as receive crystal clear radio signals. Full access to weather radio channels is also available.

SIDEWINDER II. DESIGNED AROUND YOU.

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 our 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 also be quickly accessed. Get in. Settle down. Job done.





EASY ACCESS TO ADVANCED FEATURES

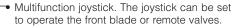
Push the symbol. Activate the feature. The Integrated Control Panel, ICP, makes it simple to access advanced operating features. No need to scroll through menus to set up Terralock traction management, Headland Turn Sequencing (HTS), Auto PTO or ESM Engine Speed Managment.







- Personalized positioning of the hydraulic joystick and rear linkage mouse available as a factoryfit option. Also two additional paddles control hydraulic remote valves 5 and 6, and can be installed instead of the hydraulic joystick.
- Automatic engine braking activation.
- Throttle up to your desired engine speed, select Engine Speed Management, and the speed is fixed.
- Press the Headland Turn Sequencing (HTS) button to record and replay the functions you use most frequently.
- Engage the rear and front differential locks, true traction.
- Three point hitch levelling and top link extension at the touch of a button.



- → Electronic remotes. Easy to reach paddles provide fingertip hydraulic operation. Flow and timing can be simply adjusted through the IntelliView™ touch screen.
- EDC mouse. Lift heavy mounted implements with absolute precision.
- Full access to further advanced controls under the padded armrest.



INTELLISTEER® AUTO GUIDANCE. MAXIMIZING EFFICIENCY AND PRODUCTIVITY.



T9 Series 4WD tractors are ideal for precision work in even the most demanding situations. They are designed to make full use of New Holland Precision Land Management technology to dramatically improve operator performance and comfort. All at the touch of a button.

ALL WIRED UP AND READY FOR YOUR CHOSEN GUIDANCE SYSTEM

You can specify your T9 Series tractor with a fully integrated New Holland-designed and -developed IntelliSteer® automatic steering system. The system uses DGPS or RTK technology to help ensure parallel pass-to-pass accuracy as precise as +/- 2.5cm*.

FULLY INTEGRATED INTELLISTEER® GUIDANCE

Your guidance system choice depends on your intended applications and the need to integrate with existing systems. All T9 IntelliSteer® options operate via factory installed systems that facilitate installation

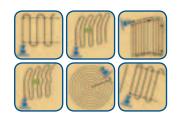




ISOBUS COMPATIBLE

T9 series tractors are ISOBUS compliant and have the ability to control ISO-compliant implements using the PLM® ISO task controller with the IntelliView™ IV touchscreen display mounted in the tractor's armrest.





INTELLIVIEW - VISIBLE INTELLIGENCE

The IntelliViewTM IV display provides a single display solution for controlling key tractor functions and IntelliSteer® auto guidance to control mixed fleets of implements, and other precision applications such as-applied mapping and implement control systems including PLM® IntelliRateTM Control and the PLM® ISOBUS task controller. It allows you to program a variety of guidance patterns, personalize your settings and easily transfer information from your tractor to your Farm Management Software.

* Using RTK correction signal.



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 that 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 T9 from the comfort of your office through the utilization of the mobile network. You can stay in touch with your machines at all times, and you can even send and receive real-time information that saves time and enhances productivity. The entry-level PLM® Connect Essential package offers the most frequently used features or upgrade to the PLM® Connect Professional package for full machine monitoring and control. In short, PLM® Connect will help you to reduce your fuel bills and improve fleet management and security in one simple package.









LEVELS OF ACCURACY AND REPEATABILITY

New Holland offers a wide range of accuracy options, allowing you to choose which accuracy level best fits your needs. IntelliSteer® auto guidance gives precise sub-inch accuracy and reliability using RTK.











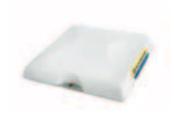
ON AND OFF SIMPLICITY

A single button on the CommandGrip™ controller activates the IntelliSteer® system. It doesn't get easier than that.



FULL LASER LEVELLING INTERFACE

The T9 tractor electrohydraulic system is "plug and play" compatible with a wide range of third-party laser-controlled leveling systems.



NH 372 RECEIVERS

This receiver is GLONASS enabled and has the ability to track up to 44 satellites at any one time, greatly increasing your satellite coverage and uptime. It is compatible with WAAS, OmniSTAR®, CenterPoint™ RTX™, or RTK corrections. When using RTK for high-precision sub-inch accuracy, an RTK radio mounts under the receiver.



RTK BASE STATION

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





New Holland's high-horsepower diesel engines feature the groundbreaking engineering of sister company FPT Industrial. They offer the next level of performance and fuel economy, and industry-exclusive options like engine braking to reduce wear and increase control. New Holland wants your work to be more productive and profitable, and these engines were developed to make that happen.

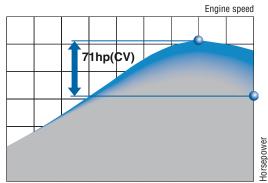


ENGINE SPEED MANAGEMENT

In applications where a constant hydraulic flow or PTO speed are required, the operator can select Engine Speed Management. This will ensure this selected engine speed is constantly maintained under changing loads.

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 T9.615 tractor, EPM will deliver up to 71hp(CV) extra but only when it is needed to maintain performance.

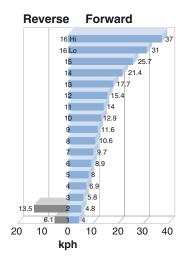


EPM according to the load on transmission, PTO and hydraulics.

Cooled air to secondary intercooler High pressure turbocharger Clean air from engine air filter Dense cooled air Air to water primary intercooler Low pressure turbocharger

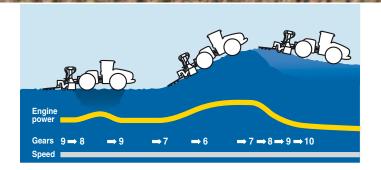
DESIGNED AND BUILT BY FPT INDUSTRIAL

Purposely developed for agriculture, the twostage turbocharged engines of the T9.615 and T9.670 tractors are all part of the proven New Holland efficiency package. The aim? To deliver improved power and sustained output in varying load conditions. So you get all power you need from less fuel.



THE FULL POWERSHIFT, NOW EVEN TOUGHER

The powershift benefits from a control system using the CommandGrip™ multi-function controller on the SideWinder™ II armrest. This provides fingertip access to pushbutton shifting and automated Ground Speed Management. A Hi-Lo Dual Power is fitted to gear 16, allowing for an increase in maximum transport speed from 19- to 23-mph.



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 optimize performance and economy. Simple to set up and extremely efficient, GSM is proven and dependable.

FIXED FORWARD SPEED? GSM TAKES CARE OF IT.

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





FULL COMMAND IN TRANSPORT

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



QUICK AND SMOOTH: EASY SHUTTLING

Use the shuttle for quick direction changes. This is ideal when packing silage to improve operating efficiency. When shuttling between forward and reverse, the transmission always defaults to the first reverse gear. On T9 scraper models, you can select either the first or second reverse gear. To reduce shock loads on the transmission, the shuttle clutch pack is fully modulated for a smooth change in travel direction.

WE HAVE THE TRACTOR THAT ANSWERS YOUR NEEDS

You told us you wanted a row crop articulated tractor that had a tapered engine bonnet for improved forward visibility. In-board planetary drive axles for narrow wheel width settings. Take a look at the standard frame T9.450 to T9.560 with rated powers of 400hp(CV) to 500hp(CV) in a row crop package. For broad acre work, you said you needed greater performance. The wide frame T9.615 and T9.670 produce rated powers of 550hp(CV) and 600hp(CV) in a new, beautifully balanced chassis. More power to the wheels for improved productivity.





THE RIGHT BALANCE

Without effective ballasting, performance, fuel use, soil compaction and productivity can all suffer. At New Holland, we have established ballast guidelines that make it easier to optimize ballast, with purpose developed weight packs that can be tailored to match your needs.



AXLES BUILT FOR THE JOB

Regardless of frame size, T9 tractor axles are engineered and built to stand up to even the most demanding conditions. These tough axles handle high torque loads with ease, and also offer absolute operator comfort. How? They feature planetary input gears for the ultimate in quiet operation.





TRUE TRACTION

With a high-powered articulated T9 tractor you have the benefit of true 4WD. On both axles, the differential lock is hydraulically activated and locks the differential for positive drive. New Holland's differential lock provides two independently controlled systems for both the front and rear axles. The result is improved traction, especially in adverse conditions. When conditions get tough, you and your New Holland T9 keep going.









THE RIGHT WHEELS AND TYRES FOR YOUR APPLICATION

All T9 models can be operated with single, dual and triple configurations. Standard-frame T9 tractors can now be fitted with RCI50 (Group 49) extra-tall tires for improved ground contact.

MORE STOPPING POWER

Both the transport and park brakes are more powerful. A trailer braking circuit is available as an option. An automatic engine braking option is also available. It activates during transport, allowing the engine to slow the tractor when engine rpm exceeds the throttle handle setting.

ROBUST DESIGN MEETS PERFECT BALANCE

ROBUST ARTICULATED CHASSIS

New Holland T9 Series 4WD tractors use an exceptionally robust articulated Tri-Point chassis. Engineered to reduce maintenance and provide exceptional strength, the Tri-Point system ensures a well-balanced weight transfer between the front and rear axles. Significantly less ballast is required, whether the tractor is used for drawbar or three-point hitch applications. A decrease in ballast also helps owners reduce compaction. T9 scraper tractors use the same Tri-Point chassis. No costly modifications are needed.

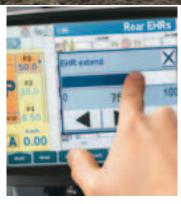




IMPRESSIVE HYDRAULIC FLOW

T9 tractors are available with a standard or high flow pumps. These offer respective capacities of up to 159Lpm and 216Lpm. For demanding hydraulic applications, an optional MegaFlow™ pump is available which delivers an extra 212Lpm of hydraulic flow to one bank of remotes. For those who require the ultimate in hydraulic flow, the $MegaFlow^{TM}$ II option is available, this ensures that total hydraulic flow is available to all remotes. A large coupler is available for applications that demand unrestricted oil flow.





FLOW CONTROL USING THE INTELLIVIEW

The IntelliView™ touchscreen makes setting flow rates to individual valves simplicity itself. 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.







→8 sec













HEADLAND TURN SEQUENCE

Headland Turn Sequence (HTS) has been refined and developed by New Holland to ensure ease of use and set-up. For complex applications, including operating the very widest tillage equipment, HTS really can reduce operator fatigue. Of equal importance, the operator can use HTS to manage some operations but leave others to manual control. The choice is theirs. Set up is simply a case of recording the desired operations at the headland. The actions can then be repeated, automatically, by pressing the dedicated button on the CommandGripTM handle.





UP TO EIGHT ELECTRONIC REMOTES

T9 remote valves are easy to identify with color-coded couplers and levers. All eight remotes can be controlled without moving away from the SideWinder™ II armrest, allowing you to identify and work each remote with exact precision. Four remote levers are on the armrest and two valves are controlled either using the two additional paddles located to the right of the IntelliView™ monitor, by using the CommandGrip™ handle or by using the electronic joystick. Flow, timing and detent settings can be set to precisely match the job. Each valve can also be programmed with the Headland Turn Sequencing (HTS).

360°: T9



DEALER INSTALLED ACCESSORIES

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



BEYOND THE PRODUCT

TRAINED TO GIVE YOU THE BEST SUPPORT

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

UNLIMITED SUPPORT FOR UNLIMITED SATISFACTION

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



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

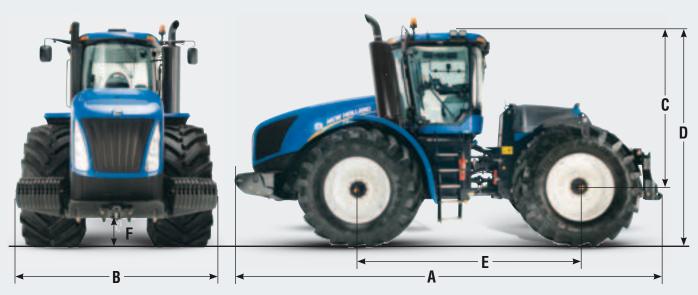




MODELS	T9.450	T9.505	T9.560	T9.615	T9.670
New Holland Engine*	FPT Cursor 13	FPT Cursor 13	FPT Cursor 13	FPT Cursor 13	FPT Cursor 13
				Two stage Turbo	Two stage Turbo
No. of cylinders / Aspiration / Valves / Emission level	6 / WT / 4 / Tier 2***	6/ WT / 4 / Tier 2***	6 / WT / 4 / Tier 2***	6 / WT / 4 / Tier 2***	6 / WT / 4 / Tier 2***
Capacity (cm³)	12700	12700	12700	12700	12700
Bore and Stroke (mm)	135x150	135x150	135x150	135x150	135x150
Max. EPM horsepower -					
ISO TR14396 - ECE R120 [kW/hp(CV)]	328/446	369/502	410/557	451/613	492/669
Max. horsepower -					
ISO TR14396 - ECE R120 [kW/hp(CV)]	328/446	369/502	410/557	439/597	492/669
Rated EPM horsepower -					
ISO TR14396 - ECE R120 [kW/hp(CV)]	328/446	365/496	403/548	440/598	477/648
Rated horsepower -					
ISO TR14396 - ECE R120 [kW/hp(CV)]	298/405	336/457	373/507	399/542	447/608
Rated engine speed (rpm)	2100	2100	2100	2100	2100
Max. torque - ISO TR14396 (Nm)	1899 @ 1400rpm	2136 @ 1400rpm	2374 @ 1400rpm	2540 @ 1400rpm	2848 @ 1400rpm
Torque rise (%)	40	40	40	40	40
Viscous coupled cooling fan	•	•	•	_	_
Hydraulically driven cooling Fan	_	_	-	•	•
Earth friendly engine oil filter	•	•	•	•	•
Automatic exhaust brake	0	0	0	0	0
Diesel capacity (Litres)	1230	1230	1230	1729	1729
Service interval (hours)	600	600	600	600	600
Transmission					
IntelliShift™ system	•	•	•	•	•
Ground Speed Management system (GSM)	•	•	•	•	•
16 x 2 Ultra Command™ full powershift (40kph)	•	•	•	•	•
Road Hi - Lo in 16th gear	•	•	•	•	•
Electrical					
12 volt alternator (Amps)	200	200	200	200	200
Battery capacity (CCA)	2x1000	2x1000	2x1000	2x1000	2x1000
Axles	2/1000	2/1000	2000	2/1000	2/1000
Articulation angle (°)	42	42	42	38	38
Turning radius (mm)	4900	4900	4900	5700	5700
Front and rear differential locks	0	0	0	0	0
Hydraulics					
Closed Centre Load Sensing (CCLS)	•	•	•	•	•
Main pump flow Standard / High flow option (Lpm)	159 / 216	159 / 216	159 / 216	159 / 216	159 / 216
MegaFlow [™] option pump flow Standard / High flow	1007 210	1007 210	100 / 210	1007 210	100 / 210
	371 / 428	371 / 428	371 / 428	371 / 428	371 / 428
MegaFlow™ II option pump flow Standard / High flow	0717 420	0717 420	0717 420	0717 420	0117 420
(Total flow available across all remotes) (Lpm)	371 / 428	371 / 428	371 / 428	371 / 428	371 / 428
Remote Valves	0717420	0/1/420	0117 420	0717420	0117 420
Type	Electro hydraulic	Electro hydraulic	Electro hydraulic	Electro hydraulic	Electro hydraulic
Max. no. rear valves	8	8	8	8	8
Rear Linkage	0	0	0	0	0
Rear linkage category	IV-N / III	IV-N / III	IV-N / III	IV-N	IV-N
Max. lift capacity through the range	10-10 / 111	10-10 / 111	10-10 / 111	10-10	1 V - IV
	9071	9071	9071	8900	8900
(610mm behind ball ends) (kg) Rear PTO	0	 		<u> </u>	0900
		O 2000	O 2000	O 2000	2000
Engine speed at 1000rpm (rpm)	2000	2000	2000	2000	2000
Automatic exhaust hrake					
Automatic exhaust brake	•	•	•	•	•
Electronic park brake	0	0	0	0	0
Hydraulic trailer brakes	0	0	0	0	0

MODELS	T9.450	T9.505	T9.560	T9.615	T9.670
Cab					
360° 4 pillar cab with FOPS - OECD Code 10 Level 1	•	•	•	•	•
Cab category level - EN 15695	2	2	2	2	2
High visibility RHS window	•	•	•	•	•
HID lighting pack	0	0	0	0	0
Auto Comfort™ seat with seat belt	•	•	•	•	•
Auto Comfort™ leather seat with seat belt	0	0	0	0	0
Instructors seat with seat belt	0	0	0	0	0
SideWinder™ II armrest	•	•	•	•	•
CommandGrip™ handle	•	•	•	•	•
Electronic adjustment of SideWinder™ II armrest	•	•	•	•	•
Air conditioning	•	•	•	•	•
Automatic climate control	•	•	•	•	•
Air recirculation filters	•	•	•	•	•
MP3 Radio with weather channel	0	0	0	0	0
Telescopic mirrors	0	0	0	0	0
Electronic remotely adjustable mirrors	0	0	0	0	0
Comfort Ride™ cab suspension	0	0	0	0	0
Headland Turn Sequence (HTS)	•	•	•	•	•
Remote control for rear linkage	0	0	0	0	0
A pillar Performance Monitor with enhanced key pad	•	•	•	•	•
IntelliView™ III colour monitor with ISO 11783 connector	•	•	•	•	•
IntelliSteer® guidance ready	0	0	0	0	0
Factory fit rotating beacons (1 / 2)	0	0	0	0	0
Weights					
Min. unballasted / shipping weights					
(no rear linkage or PTO fitted) (k	g) 15042	15626	16895	18068	20134
Max. permissible weight (k	g) 22453	22453	22453	25401	25401

[•] Standard O Optional - Not available * Developed by FPT Industrial ** Conditions apply *** Tier 4 available where legislation requires



MODELS T9.450 - T9.560 T9.615 - T9.670

Dimensions			
With tyre size****		710/70R42 - Singles	710/70R42 - Singles
A Overall length inc. front weight pack and rear drawbar	(mm)	7393	7615
B Min. width across bar axle	(mm)	3048	3048
C Height at centre of rear axle to top of cab	(mm)	2794	2903
D Overall height	(mm)	3843	3963
E Wheelbase	(mm)	3759	3911
F Ground clearance (depends on drawbar)	(mm)	443	447

^{****} Tyres other than those mentioned are available: 620/70R42, 710/70R42, 800/70R38, 900/60R42







AT YOUR OWN DISTRIBUTOR



www.newholland.com Visit our website: Send us an e-mail:

africa.topservice@newholland.com middleEast.topservice@newholland.com



