



# NEW HOLLAND TD5

TD5.75 | TD5.90 | TD5.100 | TD5.110





# ADVANCED FEATURES, OUTSTANDING COMFORT AND FARMING VALUE

## A MODERN TAKE ON A TRADITIONAL FAVOURITE

The TD5 truly is a modern take on a traditional favourite. The four model series includes two brand new range-topping 98 and 110hp variants that offer reliable power that simply gets the job done. This entry level series is bursting with advanced modern features. Want more? How about head turning, distinctive New Holland design cues that not only look good but enhance productivity. Beauty or functionality? The TD5 has both in spades.

## EASE OF OWNERSHIP

The TD5 has been designed for work. Maximum service intervals of 500 hours and ground level daily maintenance access points mean that you'll spend more time doing what the TD5 does best: working. Want more? How about fuel efficient reliable mechanical engines that are 100% biodiesel compliant. You could even power your TD5 with fuel you've grown on your farm.

## ABSOLUTE DRIVING PLEASURE

You'll soon be itching to spend even longer in your tractor. The VisionView™ cab offers productivity and safety enhancing panoramic visibility of all implements, including loaders at full extension courtesy of the high visibility roof panel. Powerful air conditioning keeps you cool even on the hottest days and the ROPS version is a breath of fresh air with a specifically designed robust yet comfortable platform.







### EXACTLY WHAT IT SAYS ON THE BONNET

The TD5 range's performance is immediately obviously to all users. How? Quite simply it's on the bonnet. The '5' refers to the tractor's category and the following two or three numbers, for example '110', refer to the maximum engine power, rounded to the nearest five. The 'D' denotes deluxe traditional tractors. What does that mean to you? You can buy your TD5 safe in the knowledge that its performance, reliability and proven 'D' heritage will perfectly match your requirements. Trust New Holland for ultimate productivity peace of mind.



### VERSATILITY

The TD5 is a jack of all trades and master of all. It is equally at home performing loader work, in ROPS guise for ultimate economical productivity and can even be specified with two or four wheel drive axles to best suit your farm. Versatility comes as standard.



### POWER AND PRODUCTIVITY

If you want a tractor that works as hard as you, then you've just found what you're looking for. A tailored engine offering packs an efficient and reliable punch up to 100hp and maximum torque of 430Nm gives you operating flexibility. The TD5 flies like a butterfly and stings like a bee thanks to an outstanding power-to-weight ratio of a mere 33.6kg/hp that will slash your fuel bills and compaction as well as increasing traction. Numerous advanced features including a hydraulic column-mounted Powershuttle further improve productivity.



## COMFORTABLE CABS FOR HARD WORKING FARMERS

### A PERFECT VIEW OF YOUR FARM

Front. Back. Side to side. Top to Bottom. The 5.5m<sup>2</sup> of glass gives you a 360° crystal clear view to make every pass and every mile count. Improved visibility means a higher degree of operating precision; that's why New Holland developed the high visibility roof panel. This handy skylight offers perfect loader visibility at full extension without the need to crane your neck. Even when the rain is lashing down, you'll have a perfect view of the road or field ahead courtesy of the optional parallel front windscreen wiper.



### SPACE. COMFORT. ADJUSTMENT.

Step up into the VisionView™ cab and enjoy the operating environment that has been built to increase your productivity. Precision adjust the steering column from the comfort of your natural driving position by depressing the dedicated floor mounted pedal. The super-flat floor means you can put your feet just where you want and makes keeping the cab clean even easier. This little big cab offers acres of space for heightened comfort during long working days. Just in case you want to leave, both the extra-wide opening left and right doors guarantee easy access when feeding cattle in narrow sheds.





### DAY LONG COMFORT

The mechanical suspension seat features a fully integrated armrest for day long comfort. There is also ample space for a full size instructor seat with seatbelt. Go on, share the TD5 fun! The ROPS version features a hard wearing yet comfortable vinyl operator and instructor seat.



### RADIO-READY

All models are radio-ready as standard and are compatible with all traditional cartridge radios. Simply select your design and install. Music to your ears.



### CONTROL THE CLIMATE OF YOUR CAB

An all-new concept in air conditioning has been developed for the TD5 with nine vents that have been precision placed around the cab to offer you complete comfort whatever the season. Don't get hot under the collar, super-fast defrosting vents direct a powerful stream of air down onto the front windscreen to ensure speedy start-up during the most extreme winters. The B pillar mounted controls fall perfectly to hand and can be intuitively adjusted on the move.



### A PLACE FOR EVERYTHING AND EVERYTHING IN ITS PLACE

Keeping your tractor fully stocked yet neat and tidy has never been easier. Two large storage compartments are perfect for gloves in the winter and weighbridge docket in the summer. A dedicated cup holder means a refreshing drink is only ever an arm's length away. A dedicated slot, just below the radio is perfect for holding your mobile telephone or even an MP3 player with easy access to the auxiliary plug.



### INTEGRATED LIGHTING PACKAGE

A full range of fully integrated work lights are fitted to all models and can be angled to suit the application. Shedding a broad spread of light perfect for evening cultivation, the rear work lights are integrated into the redesigned roof for even easier access to low sheds and when working in areas of overhanging foliage. The intuitive controls are located on the B pillar.

## EVERYTHING YOU NEED, AND NOTHING YOU DON'T

### ROPS VARIANT WITH FOPS PROTECTION

All models are available in ROPS format and can be specified with a safety enhancing optional FOPS compliant canopy. Operators will still be able to enjoy all of the comfort and ergonomic excellence of the cab version thanks to specific weather proof trim and specifically engineered components.





## FUNCTIONALITY HAS NEVER BEEN SO COMFORTABLE AND BEAUTIFUL

New Holland kept things simple when designing the all-new VisionView™ cab and ROPS platform. Put simply, you spend long hours at the wheel, so we placed you, the farmer at the heart of the design. The upgraded materials and automotive levels of fit and finish enrich your operating experience. The light grey trim brings the outside in, and contributes to the bright and airy, yet modern and durable feeling. Advanced, hard-wearing design that will last as long as your farm.



### PTO CONTROLS

All PTO controls have been clustered to your left. Speed selection is courtesy of an easy to reach lever. Hydraulically-assisted PTO activation guarantees silky smooth engagement as well as improving safety thanks to the auto-disengaged functionality upon key-off, which prevent accidents when you turn your tractor back on.

### ERGONOMICALLY GROUPED FOR OUTSTANDING PRODUCTIVITY

The principal tractor functions, such as the hand throttle, all transmission and linkage controls as well as hydraulic remote regulation have been grouped together on the right hand console making the 'find that control game' a thing of the past. Both the fully integrated loader joystick, which is ergonomically positioned and the column mounted shuttle lever fall perfectly to hand for increased loader productivity and reduced fatigue.

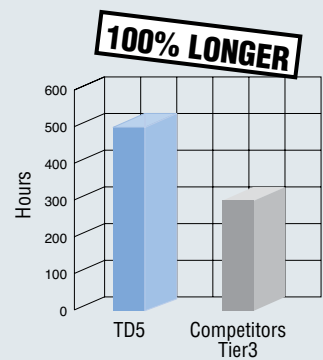
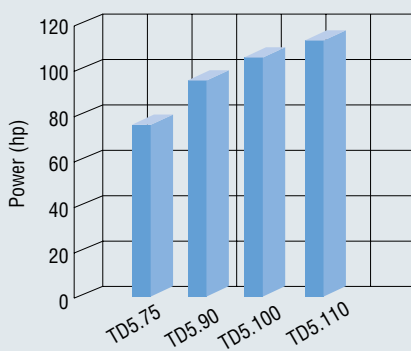
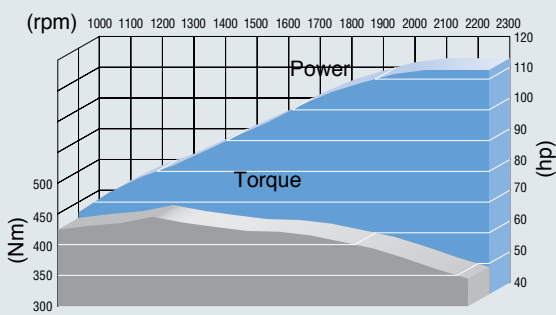
## POWERFUL, EFFICIENT ENGINES



The entire TD5 range is powered by smooth running and quiet mechanical engines which have been specifically tailored to not only the TD5 range, but to each individual model based on its specific usage profile. All models feature a peppy four-cylinder power unit for frugal operation developed by FPT Industrial. Maximum power outputs of up to 110hp, torque figures reaching 430 Nm and a power-to-weight ratio of a mere 33.6kg/hp guarantee productivity. Throw in reliable and robust operation and you've got power all sewn up.







### TURBOCHARGED AND INTERCOOLED EFFICIENCY

TD5 tractors offer the perfect balance of modern thinking and proven design. The latest generation of turbochargers offer ultimate efficiency insurance. Furthermore, powerful intercoolers maintain performance even on scorching summer days by maintaining a constant flow of cool air for enhanced combustion efficiency. Reducing your operating costs. Always.

### A RANGE OF POWER

The extended four model line-up features two brand new, range topping models that develop maximum outputs of 106 to 113hp, so you know that you've always got the power on tap to keep you going. Maximum torque is obtained at a mere 1400rpm. So what? 1400rpm means greater engine flexibility, increased efficiency for lower fuel bills and quieter running. It's a win-win solution.

### REDUCING EXPENSIVE MAINTENANCE

Industry leading service intervals of up to 500 hours mean you spend more time working and less time in the workshop.

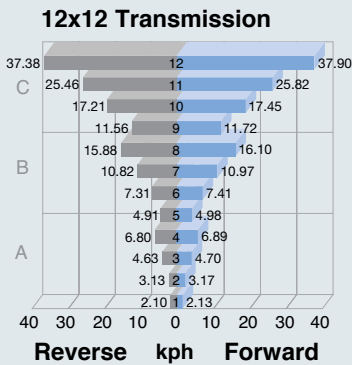


## CHOOSE THE RIGHT TRANSMISSION

New Holland knows that every farmer has their own individual requirements and that intelligent innovation also means offering tried and tested solutions to improve efficiency. Therefore you can configure your TD5's transmission to suit your needs.





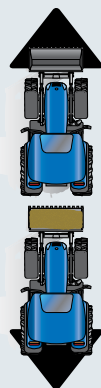


### 12X4 SYNCHRO COMMAND

The Synchro Command™ transmission offers entry level simplicity in an unbeatable robust package. With 12 forward and four reverse gears, together with a top speed of 30kph, traditional farming just got more efficient.

### FAST AND SLOW, YOU'VE GOT IT COVERED

The 12x12 Shuttle Command was developed for farms that require precise forward/reverse speed matching. Featuring four speeds in the working range, you can fine tune your speed to a variety of implements. The 20x20 Creeper variant offers forward speeds as low as 0.32km/h, the ideal choice for specialist applications such as vegetable growers.



### LOADER FRIENDLY TRACTORS

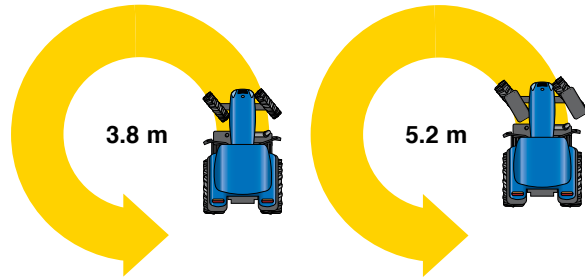
The column mounted hydraulic Powershuttle ensures silky smooth direction changes which are perfect for precision loader work. The ergonomically placed lever falls naturally to hand and can be operated whilst holding the steering wheel for even greater safety. Available on the TD5.90 – TD5.110 models specified with the 12x12 Hydraulic Powershuttle transmission and not in conjunction with the Creeper option, this productivity enhancing feature will reduce fatigue and improve safety.



2WD axle



4WD axle



### TWO OR FOUR: YOU DECIDE

The TD5 range can be specified with either two or four wheel drive axles to ensure that your tractor meets your individual requirements. The two wheel drive option available on the TD5.75 and TD5.90 models offers a tight 3.8 metre turning circle, perfect for traditional farms with tight yards. The four wheel drive variant is still nimble, with a 5.2 metre turning diameter and all the additional traction you've come to expect.

### WIDE TYRE OFFERING

The TD5 is the only tractor in its class that is compatible with R38 tyres. The result? Better traction in heavy draft applications, as well as reduced ground compaction due to an enlarged tyre footprint. Want more? How about higher ground clearance when cultivating high value vegetables.



### STOP IN ULTIMATE SAFETY

You can undertake high speed road transport with fully laden trailers with the ultimate peace of mind thanks to a significant 15% improvement in overall braking performance. Updated transport safety also comes courtesy of automatic four wheel drive engagement to assist braking. Road transport on hilly roads. Not a problem! When carrying out draft work, the extended wheelbase improves in-field traction and stability.



## PURPOSE DESIGNED FOR PRODUCTIVITY

New Holland knows that full integration is far better than something that has been tacked on as an afterthought. That is why the TD5 was designed with front loaders in mind. The TD5 is fully compatible with most ranges of front loaders.



### FOPS: FOR LOADER PEACE OF MIND

Both cab and ROPS versions, when fitted with the optional canopy, offer FOPS (fall on protection system) technology to guard against injury from falling objects.





### LOOK UP AND WHAT DO YOU SEE?

Your loader of course! The high visibility roof panel has been engineered by design to offer you the perfect view of your loader at full extension. Comfort is further enhanced, as you'll have a perfect view of the bucket from ground level to full lift height, from the comfort of your seat. Dazzling sun? Simply pull across the integrated sun visor to shade yourself from the harshest rays.



### QUICK ATTACH ADVANTAGE

Attachments can be quickly and easily connected courtesy of the optional quick coupling technology. Just one coupling safely secures the attachments for reduced time in the yard and more time on the job. Do you always need your loader? Reduce your operating costs by removing it when it's not required, after all, it's got its own built-in stands for safe storage and a single quick-attach connector further speeds up the process.

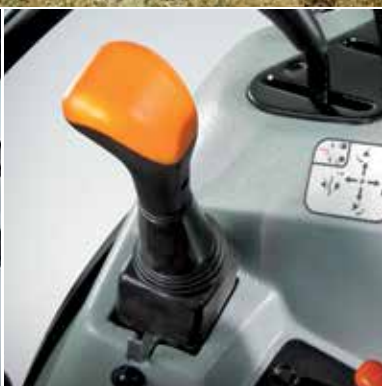




## THE RIGHT HYDRAULIC PACKAGE FOR YOU

### HYDRAULICS THAT SIMPLY GET THE JOB DONE

The TD5's hydraulic offering has been engineered by design to offer you operational flexibility no matter what the task. A high hydraulic flow of 50 litres/minute is more than sufficient for general farming tasks and it breezes through demanding applications, such as bale wrapping, with ease. A dedicated 29 litre/minute steering pump ensures that the steering stays super light without compromising loader cycle times.



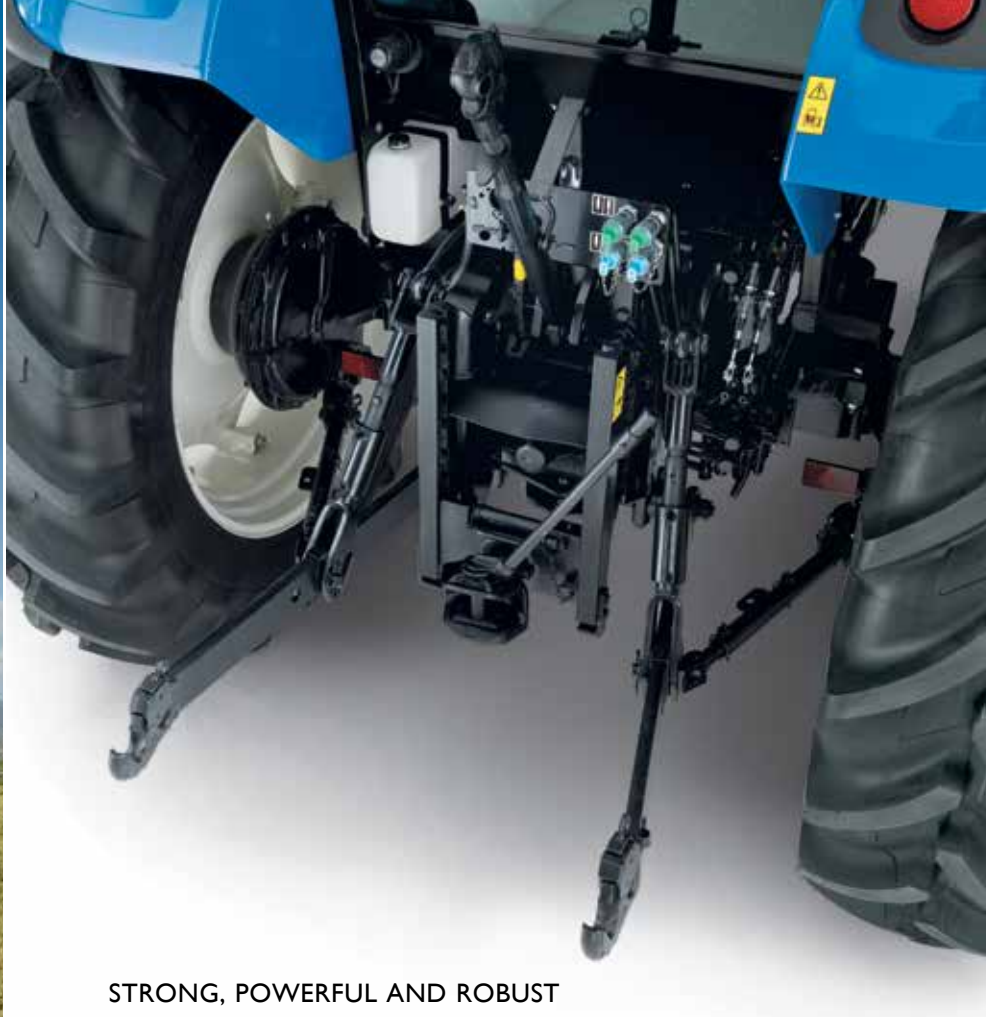
### MID MOUNT REMOTES FOR INCREASED PRODUCTIVITY

The TD5 can be specified with two mid-mount remote valves that are controlled via the ergonomically positioned joystick. You can also specify up to three rear hydraulic remotes that are activated via smooth-engagement cab-based levers.

### MECHANICAL DRAFT CONTROL

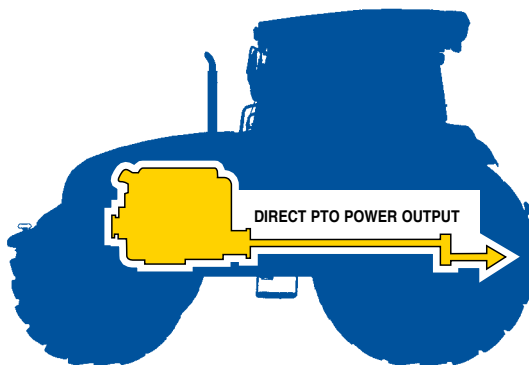
The Flexion Bar™ lower link sensing draft control offers proven reliability to maintain even cultivation depth and when returning an implement to work during a headland turn sequence. This simple, easy to operate system uses dedicated controls located to the right of the operator. Exclusive Lift-O-Matic™ Plus technology offers fingertip fast raising and lowering of implements to a pre-set position at the headlands.





### STRONG, POWERFUL AND ROBUST

The rear linkage has been subjected to a stringent testing and rigorous quality control process to guarantee you top performance and reliability. The category two rear linkage has a maximum lift capacity of 3000kg for TD5.75 tractors and a massive 3565kg for the remaining models, meaning you can work with the heaviest rear mounted implements with ease. For even more productive farming, specify the optional quick attach rear links for super-fast hitching from the comfort of the cab.



### ECONOMY PTO SPEED

The direct drive PTO system reduces power losses from the engine and the number of wearing parts within the transmission for increased productivity and reliability. Engaged by a dedicated in-cab lever, the PTO clutch allows the operator to feed power to a driven implement gradually. A choice of PTO speeds are available, including groundspeed, 540 and 540 ECO, which is achieved at a low engine speed of 1535rpm for reduced fuel consumption and in-cab noise.

## 360°: TD5

The new TD5 has been designed for the ultimate in ease of daily maintenance. All service points are easy to access from ground level and super long service intervals mean these tractors will spend more time in their natural environment, doing what you want them to!



Engine and hydraulic oil are checked without opening the bonnet for faster checking and simpler servicing.



• Single piece, lockable bonnet opens wide for full servicing access.

• Refill the washer bottle in comfort through the rear window.

• Replace or clean the air filter by simply removing from the easy access side roof panel mounted position.

• Check, clean or replace the air filter quickly and easily by undoing just three clips.

• The cooling package slides out for simple and efficient cleaning.

• Refill the lockable 110 litre fuel tank from ground level.



### **GUIDANCE: YOUR PRECISION FARMING SOLUTION**

The EZ-Guide 250 solution is your answer to precision farming. Fitted with an enhanced high definition display, you can also use an additional GPS receiver to make operations such as fertiliser spreading even easier and more accurate thanks to 'row' guidance functionality. The system is easy to set up and operate, and you can quickly transfer data to your PC thanks to a USB flash drive port.





### **FINANCE TAILORED TO YOUR BUSINESS**

New Holland Blue Leaf Finance is well established and respected within the agricultural sector. Advice and finance packages tailored to your specific needs are available. With Blue Leaf Finance 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.



### **DEALER INSTALLED ACCESSORIES**

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

MODELS		TD5.75	TD5.90	TD5.100	TD5.110
<b>Engine*</b>		S8000	S8000	S8000	S8000
No. of cylinders / Aspiration / Valves / Emission level		4/TCA/2/Tier 3	4/TCA/2/Tier 3	4/TCA/2/Tier 3	4/TCA/2/Tier 3
Capacity (cm <sup>3</sup> )		3908	3908	39008	3908
Bore and stroke (mm)		104 x 115	104 x 115	104 x 115	104 x 115
Approved Biodiesel blend		B100**	B100**	B100**	B100**
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]		56/75	65/88	78/98	82/110
Rated horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]		56/75	65/88	78/98	82/110
Rated engine speed (rpm)		2300	2500	2300	2300
Max. torque - ISO TR14396 (Nm)		298@1400	356@1400	390@1400	430@1400
Torque rise (%)		30	44	30	29
Vertical exhaust		●	●	●	●
Horizontal exhaust		○	○	○	○
Diesel tank capacity (Litres)		110	110	110	110
Service interval (hours)		500	500	500	500
<b>Synchro Shuttle™ transmission (30kph/40kph)</b>		○	○	○	○
Number of gears (F x R)		12 x 12	12 x 12	12 x 12	12 x 12
Minimum speed (kph)		1,84	1,82	1,82	1,82
Gears in the 4-12 km/h working range		6	6	6	6
<b>Synchro Shuttle™ transmission [Optional Creeper (30kph)]</b>		○	○	○	○
Number of gears (F x R)		20 x 12	20 x 12	20 x 12	20 x 12
Minimum speed with Creeper (kph)		0,33	0,33	0,33	0,33
Gears in the 4-12 km/h working range		6	6	6	6
<b>Hydraulic Powershuttle transmission (30kph)</b>		●	●	●	●
Number of gears (F x R)		12 x 12	12 x 12	12 x 12	12 x 12
Minimum speed (kph)		1,82	1,82	1,79	1,79
Gears in the 4-12 km/h working range		6	6	6	6
<b>Electrical</b>					
14 volt alternator (Amps)		65	120	120	120
Standard battery capacity (CCA / Ah)		920 / 120	920 / 120	920 / 120	920 / 120
<b>Axles</b>					
2WD front axle		○	○	-	-
4WD front axle		●	●	●	●
Steering angle 2WD / 4WD (°)		55 / 40	55 / 40	- / 40	- / 40
Limited slip front diff. lock		○	○	○	○
Electro hydraulic diff. lock engagement		○	○	○	○
Electro hydraulic 4WD engagement		○	○	○	○
Turning radius 2WD / 4WD (mm)		3800 / 5290	4440 / 5510	- / 5580	- / 5580
<b>Hydraulics</b>					
Fixed displacement		●	●	●	●
Main pump flow (Lpm)		36	50	50	50
Steering and services pump flow (Mechanical shuttle / Hydraulic Shuttle) (Lpm)		29	29	29	29
Lift-O-Matic™ system		●	●	●	●
Flexion Bar™ lower link sensing Mechanical Draft Control (MDC)		●	●	●	●
<b>Remote valves</b>					
Type		Deluxe	Deluxe	Deluxe	Deluxe
Max. no. rear valves		3	3	3	3
Max. no. rear remote outlets		6	6	6	6
Max. no. mid mount valves		2	2	2	2
Max. no. mid remote outlets		4	4	4	4
Mid mount joystick control		○	○	○	○
<b>Linkage</b>					
Rear linkage category		I / II	II	II	II
Max. lift capacity at ball ends (kg)		3000	3565	3565	3565
Max. lift capacity through the range (610 mm behind ball ends) (kg)		2260	2700	2700	2700
<b>PTO</b>					
Servo assisted PTO engagement		○	○	○	○
Engine speed at: 540 (rpm)		2200	2200	2200	2200
540 / 540E (rpm)		2200 / 1535	2200 / 1715	2200 / 1535	2200 / 1535
540/1000 (rpm)		2200 / 2261	2200 / 2381	2200 / 2261	2200 / 2261
Ground speed		●	●	●	●
<b>Brakes</b>					
Hydraulic trailer brakes		○	○	○	○
Optional pneumatic tractor brakes		-	○	○	○



## MODELS

**TD5.75**
**TD5.90**
**TD5.100**
**TD5.110**

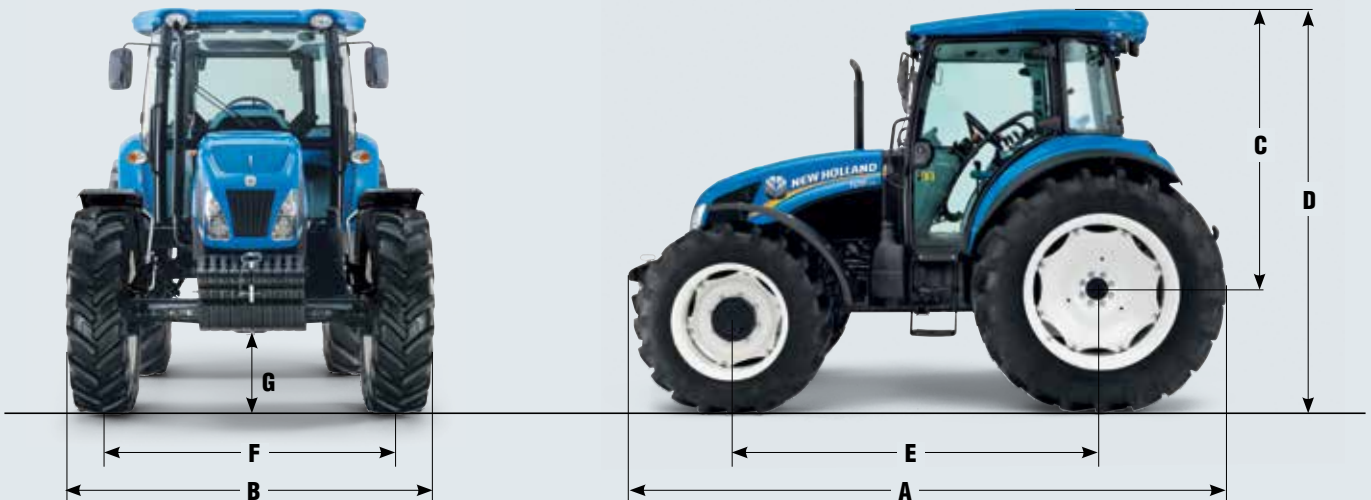
Operator Environment					
Suspended platform with mid mounted foldable ROPS		●	●	●	●
VisionView™ cab with FOPS - OECD Code 10 Level 1		○	○	○	○
VisionView™ cab category level - EN 15695		2	2	2	2
High visibility roof panel		●	●	●	●
Rear window wiper / washer		●	●	●	●
Standard mechanical suspension seat with seat belt		●	●	●	●
Instructor seat with seat belt (Cab/ROPS)		● / ○	● / ○	● / ○	● / ○
Tilting steering column		○	○	○	○
Air conditioning (Cab)		●	●	●	●
Air recirculation filters		○	○	○	○
Radio ready		●	●	●	●
Telescopic shatterproof mirrors		○	○	○	○
Optimum VisionView™ cab noise level - 77/311EEC (dB(A))		78	78	78	78
Factory fit rotating beacon		○	○	○	○
Brakes					
Minimum unballasted / shipping weights:					
2WD front axle with ROPS	(kg)	2600	3250	–	–
4WD front axle with ROPS	(kg)	2800	3650	3650	3650
2WD front axle with cab	(kg)	2840	3500	–	–
4WD front axle with cab	(kg)	3080	3900	3900	3900
2WD Max. permissible weight at 30kph	(kg)	5200	5600	–	–
4WD Max. permissible weight at 40kph	(kg)	5400	6000	6500	6500

● Standard ○ Optional – Not available

\* Developed by FPT Industrial

\*\* Conditions apply

## DIMENSIONS



## MODELS

**TD5.75**
**TD5.90 - TD5.110**

Dimensions on rear tyres***		16.9 R30	18.4 R34	16.9 R38	16.9 R38
<b>A</b> Overall length inc. front support to rear linkage****	(mm)	4200	4290	4290	4290
<b>B</b> Min. width with standard fender	(mm)	1920	1920	1920	1920
<b>C</b> Height at centre of rear axle to top of ROPS	(mm)	2006	2006	2006	2006
Height at centre of rear axle to top of ROPS folded	(mm)	1340	1340	1340	1340
Height at centre of rear axle to top of cab	(mm)	1890	1890	1890	1890
<b>D</b> Min. overall height to cab roof	(mm)	2590	2665	2690	2690
<b>E</b> Wheelbase: 2WD front axle	(mm)	2274	2488	–	–
4WD front axle	(mm)	2224	2422	2422	2422
<b>F</b> Track width (min./max.)	(mm)	1425-1925	1625-2025	1625-2025	1625-2025
<b>G</b> Ground clearance	(mm)	392	442	492	492

\*\*\* Rear Tyres other than those mentioned are available: 16.9 R30, 18.4R30, 12.4R36, 16.9 R34, 18.4 R34, 13.6R36, 13.6R38, 16.9 R38. \*\*\*\* Front weights included

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when you need it,  
where you need it!



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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!

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