

T5000. A PERFECT MATCH BETWEEN PROVEN TECHNOLOGY AND MODERN ENGINEERING



A SPECIFICATION TO MATCH YOUR DEMANDS

COMPACT SIZE

New Holland has long appreciated the value of packing as much potential power into as compact tractor package as possible. There will always be a demand for a tractor that is a strong but agile platform for a front loader but with enough PTO power to drive a modern feeder wagon.

BENEFIT FROM OUR EXPERTISE

Matching modern power to proven technology, T5000 tractors offer the perfect balance for all types of field work. This is the benefit of a tractor that has evolved to meet the changing demands of modern agriculture.

MAXIMUM VERSATILITY



PRODUCTIVITY AND POWER



10



QUALITY AND RELIABILITY



SPECIFICATIONS



A PERFECT BALANCE BETWEEN SIZE AND POWER



COMPACT ENOUGH FOR YARD WORK

New Holland understands customers need a relatively compact tractor for yard duties. With an 700TL front loader fitted, T5000 tractors combine power and agility with rugged, easy to use performance. On 16.9R34 tyres, the cab height is as low as 2536mm and overall width is as narrow as 2012mm. A compact T5000 can squeeze into the tightest spots.





OPTIMISED FOR VERSATILITY

All T5000 tractors can be specified with mid-mount hydraulic valves. Newly designed for faster response, these valves and the factory mounted sub frame can be matched quickly and easily to a New Holland 700TL front loader. The result is a tractor and loader combination that is perfectly balanced. Ample hydraulic power, of up to 80l/min, delivers great performance; with excellent control ensuring loads can be handled with mm perfect precision.

LIGHT AND POWERFUL FOR VERSATILITY

Compact and agile tractors offer more potential performance in the field. With a power to weight ratio of 37.6kg/hp, a T5070 packs the most powerful punch in its category.

This performance is a key to versatility, enabling a T5000 tractor to be equally adept at light top work duties to include mowing, top dressing and spraying. The T5050 and T5060 can be ballasted up to a maximum of 6800kg, whereas the maximum for the T5070 is up to 7400kg. These tractors are ideally suited to ploughing and heavy draft work.



STABILITY AND SAFETY IN TRANSPORT

A modern tractor has to be safe and stable at higher transports speeds. All T5000 models can be specified with a 40kph transmission with front axle brakes and the dynamic ride control on EDC as further options. In certain markets, choices of hydraulic or pneumatic trailer braking systems are offered for added security in difficult terrain.

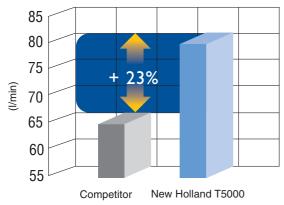


A SPECIFICATION TO MEET YOUR NEEDS

New Holland has long recognised the need to offer customers a broad choice within a tractor series. All T5000 models can be specified to suit the differing demands of livestock and smaller farm users through to large farm and contract operations. Customers looking for a T5000 class of tractor have a common demand for a smaller but still versatile unit. By offering a choice of transmission, hydraulic output, 2WD or 4WD drive and cab and ROPS variants, New Holland has a T5000 tractor with a specification to meet every need.

INCREASED PERFORMANCE KEEPS T5000 AHEAD





MORE FLOW FOR YOU MONEY

New Holland T5000 offers enhanced hydraulic flow rates of up to 80l/min. Using the new advanced control valve option to link surplus flow from the power steering circuit with the main 63l/min hydraulic pump. This ensures full power is always available to the steering system but with extra flow coming on stream for the main hydraulics without the need for a more powerful main pump. The result? More hydraulic muscle without excess fuel use and costly complexity. T5000 tractors deliver up to 23% more flow than some competitive designs.



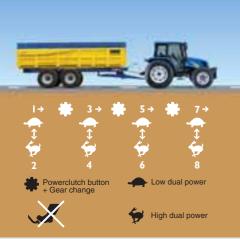
BRILLIANT AGILITY AND HIGH CAPACITY

The new high specification driven front axle on T5000 tractors has a class leading 60 degree turn angle. This gives these tractors a turn radius as low as 4050mm. There is no compromise in capacity either, a heavy-duty front axle coming as standard on the complete T5000 range. No other tractor in this class combines so much agility and strength



FULL TRACTION FOR MAXIMUM PRODUCTIVITY

The new front axle on four-wheel drive T5000 tractors is fitted with a fully locking differential. Not to be confused with limited slip or self-locking designs, the fully locking differential ensures full power is delivered equally to both front wheels in adverse conditions. Linked to the locking rear differential, the system ensures power reaches all wheels for optimum traction.





SHIFT RATIOS WITH POWER CLUTCH

Series T5000 tractors specified with the 24x24 Dual Command™ transmission are offered with a Power Clutch option that operates the clutch without the need to use the floor pedal. Operated via a push button on the main transmission lever, Power Clutch can be used to shift through the 8 speeds in each of the three main ranges. When baling or mowing, swapping to a higher or lower speed is made faster and easier for seamless productivity.

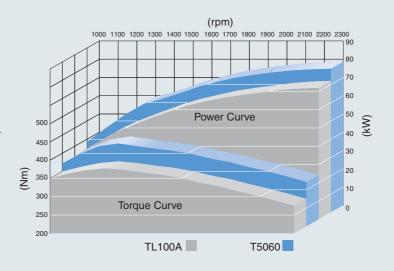
SMOOTH AND FAST CHANGE OF DIRECTION

The entry level 12x12 Shuttle
Command™ transmission is fitted with
an easy to operate Shuttle; dip the
clutch pedal and move the dedicated
shuttle lever between forward and
reverse. A speed matched change in
direction is achieved quickly and easily.

The new 12x12 or 20x20 Powershuttle as well as the 24x24 Dual Command™ transmission allows the operator to quickly change direction without using the clutch. This makes the Powershuttle transmission ideal for loader work and for fast direction changes on the headland.

PURPOSE DESIGNED FOR AGRICULTURE

All T5000 tractors are powered by New Holland NEF turbocharged 4.5 litre four-cylinder engines with advanced intercooling. They offer exceptional performance. Just look at the increase in power and torque when compared to the outgoing TL-A series. Power of the T5060 is up 5% over the TL100A and torque climbs a massive 15% from 370Nm to 425Nm. Economically is also improved with fuel consumption dropping as low as 216g/kWh for the T5050. To extend daily endurance the fuel tank for the T5050, T5060 and T5070 has a capacity 167 litres. New Holland. Clean running engine efficiency comes as standard.



READY FOR 100% BIODIESEL

All T5000 tractors will run on B20 Biodiesel without modification. Once fitted with a suitable filter kit. all current production New Holland engines, including those with advanced Common Rail fuel injection, can run on 100% Biodiesel. This includes the advanced Tier 3 mechanical injection New Holland NEF engine in T5000 tractors. Talk to your New Holland dealer for full details.

LOW SPEED, HIGH PERFORMANCE

Rated power is delivered at 2300rpm, 200rpm less than TL-A and maximum torque at 1300rpm, 100rpm less than TL-A. What is the benefit? Driveability for a start. Torque reserves are as high as 40%, a real T5000 bonus when working heavy loads in the field and in transport as there is a greatly reduced need to swap ratios in changing terrain.

For lighter duties, a T5000 tractor can be operated at a lower engine speed than TL-A to reduce noise and improve fuel consumption. For economy and performance, T5000 has it covered.





A TRANSMISSION TO MATCH THE APPLICATION

Five main transmissions are available. Shuttle Command™12x12 is the ideal choice for general applications. Powershuttle 12x12 makes it easy to carry out fast direction changes without using the clutch. For specialist applications, Shuttle Command™ 20x12 or Powershuttle 20x20 with Super Creeper offer forward speeds as low as 0.2kph and Dual Command™ 24x24 offers a 'Hi-Lo' full load powershift. This allows the operator to reduce the selected speed by 15% and to increase torque at the wheels by 18%.









UP TO THREE REAR AND TWO MID-MOUNT REMOTES

Up to three remote valves can be specified, with two having individual flow adjustment that can easily adjusted via controls accessed through the rear cab window. In addition, two midmount valves with flow control can be fitted with an integral joystick control. This can be used to operate an 700TL front loader or front linkage.

MECHANICAL OR ELECTRONIC? YOU CHOOSE

Series T5000 tractors can be specified with a choice of mechanical or electronic draft control. The mechanical system uses Flexion BarTM lower link sensing for precise draft control and comes as standard with Lift-O-MaticTM system. This proven New Holland system will lift and return an implement to work using a single control.

The EDC electronic draft control option benefits from a newly designed layout that is similar to that used in the outstanding T6000 tractor series. The main raise lower control is positioned within a simple quadrant that is comfortable and easy to use. A single raise-lower switch makes it simple to lift and return an implement to work during a headland turn.

A LIFT CAPACITY TO SUIT YOUR NEEDS

New Holland has designed the rear linkage of T5000 tractors so they are able to work with heavy equipment. T5000 can be specified with twin assistor rams to boost lift capacity to a massive 5740kg. To put it simply, a T5000 series tractor can have the capacity to raise a load greater than its own standard weight. Tractors with EDC have dynamic ride control. This improves comfort when transporting heavy mounted equipment on the road.

PUTTING THE OPERATOR AT THE HEART OF THE TRACTOR

When looking over a T5000 tractor, it will become clear that the operator is put at the heart of the design. Both ROPS and cab models offer a spacious flat floor with suspended pedals.

All controls are ergonomically positioned to make it easy to not just reach them but find and operate them too. Even the rear window can be positioned to allow control box cables to access the cab easily.

Cab models have slim pillars to allow the operator to see all-round. There is a massive 5.3m² of glazing in the cab, so it should be no surprise that a T5000 tractor fitted with a loader offers great visibility throughout the lifting range.

Other features that can be fitted include fender mounted linkage and PTO controls, a wide choice of seating options and air conditioning.

T5000. Comfort and ease of use come as standard



LESS NOISE TO REDUCE FATIGUE

In cab noise levels of T5000 tractors are 75dBA. This has been achieved by engineering noise and vibration out of the engine and driveline as well as mounting the ROPS platform and cab on purpose developed isolation mounts.



A FRESH, BRIGHT INTERIOR

Step into the cab of a T5000 tractor and the development over the outgoing TL-A series is clear. The interior is finished in a lighter colour, and the dash features new dials that are even clearer and easy to read. Standard features include turn indicator warning buzzer, low fuel level warning light and a digital display of the tractor speed and driver reminder services intervals are due.



ADJUSTS TO SUIT THE OPERATOR

In addition to offering a full range of seating positions, T5000 tractors have a steering column that adjusts the wheel for both angle and reach. This is an important T5000 advantage as it genuinely enables operators of all sizes to get comfortable.

PERFORMANCE MONITOR FOR MORE INFORMATION

The comprehensive main dash can be fitted with a Performance Monitor. This adds details to include area worked, distance travelled, hours completed in a day and area covered per hour. In addition, the monitor will show wheel slip and the rear PTO speed. The tractor's maintenance programme lists details that include hours to the next service and battery voltage.

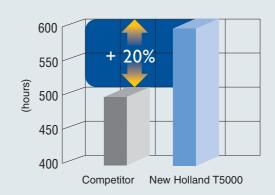
BUILT TO REDUCE YOUR OPERATING COSTS

New Holland T5000 tractors may well have evolved from the existing TL-A series, but they have undergone the same extensive testing as pioneered for series T6000 and T7000 tractors. This includes 8000 hours of endurance testing based around the extended 600 hour service interval that is now standard on all T5000 models. New Holland has also completely redesigned the electrics of T5000, using the latest advances in wiring circuits to further enhance reliability.



LONGER SERVICE INTERVALS. SHORTER BILLS

All T5000 models are engineered to have 600 hour engine service intervals using conventional oils. This is the longest routine service interval in the industry, and 20% longer than the standard 500 hours offered by leading competitive designs. The extended service interval has been tested to ensure there is no compromise in performance or longevity. Choose New Holland to save money and downtime.



ENHANCED VISIBILITY

Series T5000 tractors can be specified with powerful additional lights to allow safe working in fading light. The extra lights are positioned to allow the operator to adjust them to suit the application. This can include adjusting the lights to enhance visibility when operating an 700TL front loader. This makes working a silage block cutter or loading a feed wagon on short winter days safer and more productive.

IT IS THE DETAIL THAT MAKES T5000 SPECIAL

New Holland has refined the way in which it manufactures its tractors. This has lead to detail developments that make the tractors easier to service. The fully opening engine hood is an example. Using a structural sump is another; there are no chassis rails to obstruct maintenance access. All major filters are easy to reach.



OPTIMISED FOR PTO WORK

The rear PTO has an independent driveline to ensure maximum power passes to the implement. Optional rear fender PTO buttons allows stop and start control from either side. Robust and easy to operate, the PTO is offered with choice can include ground speed and 540, 540E and 1000 with an in-cab speed selector. Both 6-and 21-spline PTO shafts are available.

SOFT START TO PROTECT YOU PTO AND IMPLEMENTS

New Holland introduced Soft Start PTO engagement to help protect both the tractor and implement. Now well proven, the Soft Start option on T5000 models modulates the engagement of drive to prevent sudden shock loads transferring to the implement. This helps reduce maintenance costs, reliably engaging drive time after time.

NEW HOLLAND OFFERS SO MUCH MORE

New Holland T5000 tractors are built to offer great versatility. This extends to offering a range of DIA dealer installed accessories. These include the purpose designed front linkage and PTO systems plus a range of New Holland 700TL loaders. The EZ-Guide 500 and EZ-Guide 250 guidance systems can also be fitted economically to all T5000 tractors.

A key point with these additional DIA options is that they are purpose developed to match the tractor. This ensures the front linkage is fully integrated and is matched to the capacity of the front axle. The ergonomics of the linkage operation is carefully considered, ensuring it is easy to operate.

The same depth of thought applies to the 700TL loaders. These are designed for the T5000. They have been tested with T5000. Customer feedback has been used to develop and refine the loaders to ensure they are a perfect match for T5000. The result? 700TL loaders offer the best combination lift power, ease of operation and usability in the business.



MORE CHOICE THAN JUST LIFT AND CAPACITY

New Holland 700TL loaders span lift capacities from 2060kg to 2304kg and lift heights from 3530mm to 3860mm. The loaders may be specified with a choice of manual levelling or mechanical self-levelling. The latter can be offered with enhanced features like Active Scoop and Active Fast Tip which boost bucket loading and discharge. All loader options are subject to tractor model specification.

Model	730TL	740TL	750TL
T5030	•	_	_
T5040	0	•	0
T5050	_	•	0
T5060	_	0	•
T5070	_	0	•

EASY TO FIT - EASY TO REMOVE

As an option, 700TL loaders can be fitted with Easylock single point hydraulic coupling. This makes fitting and removing the loader even faster and easier. The loader arms connect via simple hitch that makes fitting and removal fast, safe and straightforward.



DESIGNED TO FIT T5000

A key feature of the T5000 front linkage system is the way in which it is controlled from the cab. The PTO engagement system mirrors that of the rear control, a simple joystick making lifting and lowering the linkage easy too. The front linkage capacity of 3070kg is well within the capacity limits of the robust T5000 front axle.



SINGLE MONO BLOCK WEIGHT

Purpose made for the T5000, the 400kg mono block weight package is designed to fit a front or rear linkage. This can make swapping over ballast much faster and easier than using conventional individual wafer weights. When fitted on the rear linkage, the mono block is an ideal counterweight for an 700TL front loader.



EZ-Quids/250

EZ-GUIDE 250

Tractor guidance comes in a wide range of packages, but as an entry level system EZ-Guide 250 has to be one of the best. Taking position from GPS satellites, the system can be used to help steer a path parallel to one stored in the memory, or the path most recently driven. The screen can show the area covered, and any overlaps or misses. Ideal for use when spraying or top dressing. At the end of the day, comprehensive task reports and coverage maps can be transferred to a desk top computer.

EZ-Guide 250 can be used in combination with EZ-Steer, the entry level hands free steering control, and can be upgraded to a higher level of accuracy with an optional antenna.

NEW HOLLAND TOP SERVICE: CUSTOMER SUPPORT AND CUSTOMER INFORMATION



TOP AVAILABILITY.

and any other issues.

Managed in partnership with New Holland dealers and New Holland Parts and Service teams, New Holland Top Service provides you with total support and up to date information, and is available to you 24/7 through the free phone* number 00800 64 111 111.

You can call the free phone* number at any time to seek advice on items such as the New Holland dealer network, requests for brochures, product specifications, product problems,



TOP SPEED.

For product issues the New Holland Top Service team will work with your dealer and the New Holland Parts and Service organisations to quickly source any parts required and resolve any technical issue. To ensure parts reach you when you need them, New Holland dealers have the support of well established ordering and delivery systems, and can rely on a 24/7 service from our Parts Depots. To ensure a sustained high level of parts service, advanced product training sessions are regularly organised for dealer staff.



TOP PRIORITY.

During the harvest season, New Holland understands that any loss of productivity can be very expensive. For this reason extra support is available for top of the range, high productivity equipment in warranty. The New Holland Top Service Manager can draw parts from any facility within the New Holland Parts and Manufacturing networks, including assembly lines, to guarantee a fast resolution. Using our priority logistics service, parts will be delivered rapidly to get your machine back to work as quickly as possible.



TOP SATISFACTION.

The New Holland Top Service team will track and chase every query to a satisfactory conclusion. Queries will only be closed after a final call to ensure you are fully satisfied with the solution. Feedback from these calls will be used in regular reviews to improve the process continuously.



* 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.









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 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.

FINANCE TAILORED TO YOUR BUSINESS

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

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.

at ball ends with arms horizontal

(kg) 3070 3070

3070

3070

3070

MODELS		T5O3O	T5O4O	T5O5O	T5O6O	T5070
РТО						
Electro Hydraulic PTO engagement		0	0	0	0	0
Soft Start PTO activation		0	0	0	0	0
Rear fender mounted controls		0	0	0	0	0
Ground Speed		0	0	0	0	0
540		0	0	0	0	0
540 / 540E		•	•	•	•	•
540 / 540E / 1000		0	0	0	0	0
Operator environment						
Suspended Platform (with ROPS)		•	•	•	•	_
Cab		0	0	0	0	0
Air Conditioning		0	0	0	0	0
Air Suspension seat		0	0	0	0	0
A pillar mounted exhaust		•	•	•	•	•
MP3 Bluetooth Radio		0	0	0	0	0
Cab glass area	(m²)	5.3	5.3	5.3	5.3	5.3
Min. noise level	dB(A)	75	75	75	75	75
Dimensions on standard tyres						
A Wheelbase 2WD	(mm)	2342	2342	2342	2342	_
A Wheelbase 4WD	(mm)	2350	2350	2350	2350	2350
B Overall length 4WD	(mm)	4120	4120	4120	4120	4120
C Height to top of ROPS (Up / Down)	(mm)	2691/2149	2741/2199	2741/2199	2741/2199	2741/2199
C Height to top of Cab	(mm)	2486	2536	2536	2536	2536
D Height at centre rear axle to top of cab	(mm)	1786	1786	1786	1786	1786
E Ground Clearance (4WD)	(mm)	438	488	488	488	488
F Front wheel track setting 2WD	(mm)	1450-2050	1494-2094	1494-2094	1494-2094	_
F Front wheel track setting 4WD	(mm)	1443-2151	1443-2151	1443-2151	1443-2151	1443-2151
F Rear wheel track setting	(mm)	1430-2128	1430-2132	1430-2132	1430-2132	1430-2132
Weights						
Weights*** (2WD/4WD)	(kg)	3750/4050	3750/4050	3890/4250	3890/4250	-/4250
Max. Permissible weight	(kg)	6200	6500	6800	6800	7400
Standard tyres						
Front (2WD/4WD)		7.50-16/11.2R24	9.00-16/13.6R24	10.00-16/380/70R24	10.00-16/380/70R24	440/65R24
Rear		16.9R30	16.9R34	480/70R34	480/70R34	540/65R34

[•] Standard O Optional - Not Available

* Developed by FPT Industrial ** Conditions Apply *** With driver (85kg) and full fuel tank









AT YOUR OWN DEALER



YOUR SUCCESS - OUR SPECIALTY

Visit our web site for UK: www.newholland.com/uk - for ROI: www.newholland.com/ie