

T6000

T6020 | T6050 | T6070



ENGINEERED BY DESIGN TO MEET YOUR NEEDS

MAXIMUM VERSATILITY

New Holland knows that no two farms are alike, and that you need a tractor to suit your individual needs. With the T6000 range you'll find your perfect partner. Need a tractor that can effortlessly switch between livestock, open field and transport applications? Well, look no further! The T6000 can be matched to your exact needs.

PRODUCTIVITY AND POWER

Want a tractor that offers you the best of both worlds? The T6000 range is the natural choice. Featuring New Holland NEF engines that offer rated torque of up to 625Nm at only 1250rpm, you get exceptional fuel economy, which means more money in your pocket. For demanding hydraulic applications, up to 113Lpm of flow mean you get your task done on time, every time.



ULTIMATE COMFORT

Long days just fly by thanks to the Horizon™ cab's industry-leading levels of comfort. Demand visibility? Try 5.87m² of glass for a perfect 360° view. New Holland is also setting the industry benchmark with enviable ergonomics: everything is where you told us you needed it. All major controls are at your fingertips, right where you expect them to be. Together with cab suspension and a vast range of seat options, this takes operator comfort to a whole new level.

QUALITY AND RELIABILITY

Product quality is a New Holland top priority. Want proof? The T6000 range has been engineered by design to offer the ultimate levels of reliability, by matching the very best of proven technology with the Industry's latest and most efficient manufacturing processes. If that wasn't enough, over 27,000 hours of testing over two continents will ensure that your T6000 will always be ready when you are. The use of durable, premium grade materials in our cab interiors mean that they not only look and feel great, but they are crafted to stay that way.



T6000 RANGE, TAILOR MADE FOR YOUR FARMING REQUIREMENTS

New Holland has developed a vast, yet tailored product offering to perfectly match your requirements. Featuring hydraulic performance of up to 113Lpm for even the most demanding applications. Want more? A lift capacity of up to 7864kg? How about perfect visibility of your front loader, even at its maximum height? With the T6000, you'll be able to find the tractor that suits your needs.



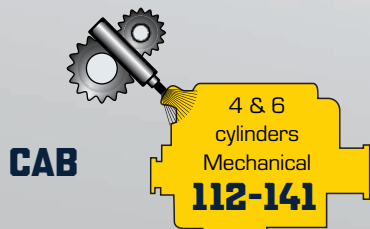
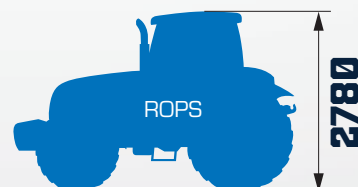
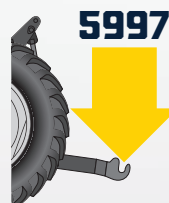
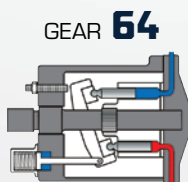
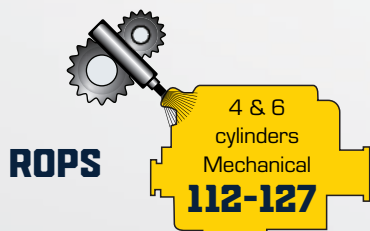
MAX. ENGINE
POWER RANGE
[hp(CV)]

TRANSMISSION
CHOICE

HYDRAULIC
FLOW
[Lpm]

MAX LIFT
CAPACITY
[kg]

ROOF
HEIGHT
[mm]





ENGINEERED TO REDUCE OPERATING COSTS

Advanced engineering design means lower maintenance demands. All T6000 tractors offer class-leading 600 hour service intervals using conventional oils without compromising longevity. Choose New Holland to save money, downtime and to protect the environment.

DEPENDABLE MECHANICAL ENGINES

Developed by FPT, these engines feature two valves per cylinder with mechanical fuel injection. Maximum torque is available at very low operating speeds, making them ideal for yard and loader work. However, they also shine in the field, with the performance in reserve for demanding PTO applications, such as baling. Brilliant for all round versatility, these efficient engines can lower your operating costs, meaning more money in your pocket.



ROPS: PERFECT BLEND OF MODERN AND AFFORDABLE

Need an easy access go anywhere tractor? The T6000 ROPS is ideal for livestock farmers requirements. The left and right hand steps make for safe and quick way onto the operators platform-ideal for feeding out or post driving when getting on and off the tractor frequently, particularly when wearing protective gear or leggings. The open floor makes cleaning a breeze.



T6000 CAB: A SPECIFICATION THAT MEETS YOUR NEEDS

The generously equipped Cab will satisfy virtually all of your farming needs. With engine output of up to 141hp, you have the power you need in the field or yard. The Active Electro Command transmission features simple, push-button, gear-shifting of the four powershifts. Optional equipment packages for manoeuvrability, comfort and speed. Hydraulic power is delivered from a massive closed-circuit, load-sensing pump, together with a lift capacity of up to 7864kg, the T6000 Cab will satisfy all your farming needs.

QUIET, COMFORTABLE AND OFFERING A GREAT VIEW

360° VISIBILITY DESIGNED AROUND YOU

Want all round visibility? Then New Holland's industry-leading Horizon cab is the solution, offering a 360° view. In the yard, in the field, or on the road, you have an uninterrupted view of what you are doing. Regardless of specification. What's more, your comfort is New Holland's prime concern, and they know that when you spend long days in the cab, enhanced comfort means a productivity advantage. This is why all the controls have been positioned where you told us you wanted them. Note the seat and steering wheel are fully adjustable to suit you. The choice of air conditioning or full climate control, means you'll stay cool even on the hottest days. Wide open doors guarantee easy cab access, and they can be closed from the operators seat. Small details that make a big difference.





BRIGHT LIGHTS FOR DARK NIGHTS

A full range of work lights are fitted to all models as standard. These can be angled to suit the application, offering a broad spread of light, turning night into day. They are easily controlled from a dedicated switch panel in the cab.



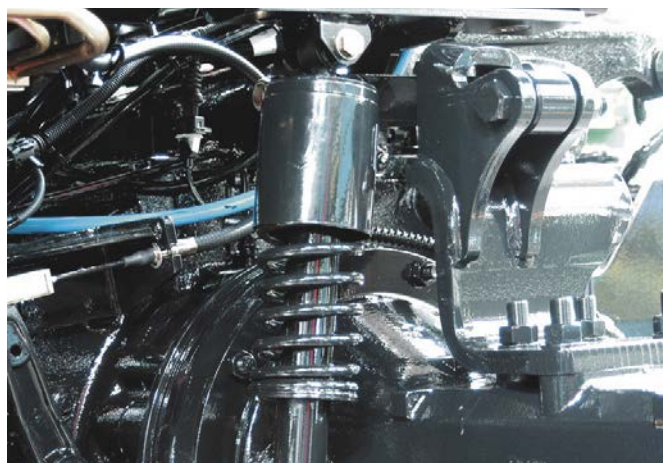
ARE YOU SITTING COMFORTABLY?

Comfort is further guaranteed thanks to the deluxe, air-suspended seat on the T6000 Cab. For the instructor, an optional upholstered seat folds down to provide a work surface when not in use.



MAXIMUM VISIBILITY

Designed to operate with New Holland's front end loader range, the high visibility roof panel comes as standard on the standard and low profile roofs. This means you can still see your load at maximum extension, guaranteeing inch-perfect operation.



COMFORT RIDE™ CAB SUSPENSION

Utilising the modern Horizon™ cab, our suspension system offers unrivalled performance by reducing whole body vibration to the operator. Fitted as standard equipment on T6000 Cab models, all customers can benefit from the utmost comfort.

SELECT THE TRANSMISSION GEARED FOR YOU

New Holland knows that every farm has different requirements, and that intelligent innovation also means offering tried and tested solutions to improve efficiency. A PowerShuttle delivers the essentials for a loader tractor transmission. The semi-power shift Electro Command™ version offers clutchless gear changes to reduce fatigue, and gear shifting is taken care of for you with the addition of the Active Electro Command (T6000 Cab models only). New Holland offers you the most comprehensive transmission choice.





ELECTRO COMMAND™ TRANSMISSION

New Holland knows that every farm has different requirements, and that intelligent innovation also means offering tried and tested solutions to improve efficiency. A PowerShuttle delivers the essentials for a loader tractor transmission. The semi-power shift Electro Command™ version offers clutchless gear changes to reduce fatigue, and gear shifting is taken care of for you with the addition of the Active Electro Command (T6000 Cab). New Holland offers you the most comprehensive transmission choice.



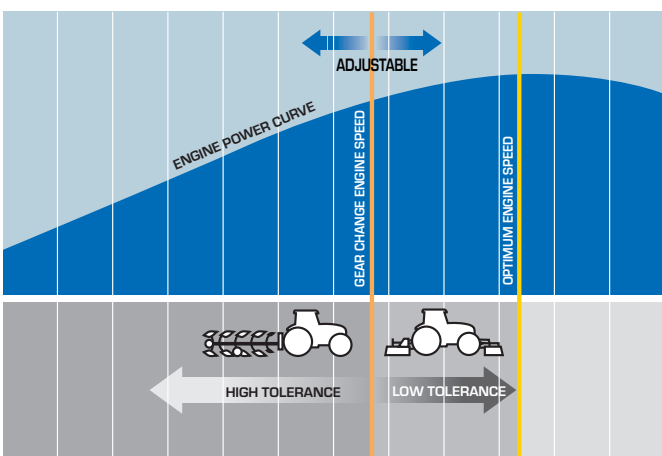
MEMORY SHUTTLE

The Electro Command™ features an innovative, memory shuttle system that'll save you money and speed up cycle times. First select the ratio you need in forward, shuttle and then shift to your desired reverse ratio. From now on, the tractor will automatically shuttle between your chosen forward and reverse gears. Simple.



ELECTRO COMMAND ECO 40KPH OR DIRECT DRIVE 50KPH

On Cab models, the electro command transmission can be specified with an additional 17th forward gear ratio. Directly driven from the engine, bypassing the main gear box, this highly efficient gear allows either a 50kph transport speed, or 40kph at reduced engine speeds. Tractors specified with 50kph are fitted with Terraglide™ front axle suspension, and integrated front wheel hub brakes.



ACTIVE ELECTRO COMMAND FEATURE: AUTOMATION, COMFORT AND PRODUCTIVITY

Easy to set up and brilliantly effective, Auto Transport and Auto Field modes can really reduce the effort required to operate 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 mode allows the operator to dictate how much rpm fall there should be before an autoshift 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 reserves when ploughing. *T6000 Cab models

GREAT MANOEUVERABILITY, IMPROVED TRACTION, HIGHER OUTPUTS

New Holland's range of axles is engineered to perfectly match your requirements. All T6000 tractors can be specified with structurally light but strong front axles to handle a front end loader, or to allow the front to be fully ballasted to optimise traction.





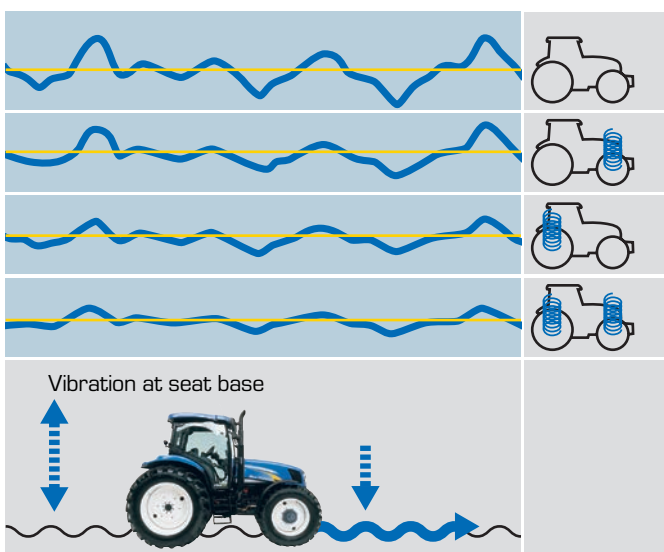
TERRALOCK™: AUTOMATIC TRACTION MANAGEMENT

New Holland's renowned TerraLock solution is simple to set-up and operate. It automatically manages the engagement of drive to the front axle, locking both the front and rear differentials. Forward speed and steering angle information dictate when the differential locks and, if required, four wheel drive disengages. Why? To guarantee the tightest turning circles and to reduce strain on the driveline. TerraLock isn't just a field feature. It reduces driveline stresses and front tyre wear when carrying out loader work. As you manoeuvre, the four-wheel drive disengages as you turn. *T6000 Cab models



MAXIMUM STEERING ANGLE ALL THE TIME

Claiming a good turning circle is one thing, delivering it is another. With steerable (Dynamic) front fenders as an option, you can increase your turn angle by as much as 30%. Increased manoeuvrability and increased output.



TERRAGLIDE, YOUR COMFORT AND STABILITY PARTNER

For maximum comfort at high transport speeds, choose the TerraGlide™ front axle suspension system. How does it work? It cushions the operator from shocks when travelling over uneven surfaces. In the field the advanced suspension system maintains contact between the tyre and the ground to improve traction. The integrated comfort ride cab suspension provides up to a 25% reduction in shock loads reaching the operator. The result? Less fatigue over long working days, as whole body vibrations are reduced significantly.

HYDRAULIC PERFORMANCE TO MEET YOUR DEMANDS

HYDRAULIC POWER AND PTO FLEXIBILITY

The T6000 Cab range boasts a closed centre load sensing (CCLS) hydraulic system that provides up to 113Lpm of hydraulic performance to power even the most demanding implements. Regardless of how hard the tractor is working, the steering will always remain light and easy to use, as it is powered by a separate 47Lpm pump. If that wasn't enough, New Holland has engineered the CCLS system to always operate at peak efficiency. The benefit? Full hydraulic power is always available at the remote valves and lift linkage, but only as much as is needed. The result? Reduced fuel consumption.



MECHANICAL REMOTE VALVES

All T6000 models are specified with up to four remotes, and feature flow control so you can fine tune the hydraulic performance to suit the task in hand. Although mechanically controlled, the valves can be configured to suit different applications. You can remove the detent, have constant pump or a motor mode just by rotating a dial on the valve.



MECHANICAL DRAFT CONTROL

The T6000 ROPS is equipped with New Holland's tried and tested Lift O Matic, this system has a click in/ out lever to raise and lower the linkage between working and max height- almost as good as EDC.



ELECTRONIC DRAFT CONTROL

A single raise/lower switch makes it simple to lift and return an implement to work during a headland turn. How? New Holland's ergonomic mouse is positioned on your right hand side, just where you need it, giving you ultimate precision. To fine-tune the system you can use the intuitive controls that are found underneath the armrest, right where you expect them to be. Independent control of the draft and position control delivers precise depth control without compromising your draft sensing ability.



AUTOMATIC PTO OPERATION

PTO engagement comes courtesy of a single push/pull switch with automatic soft start engagement. This adjusts according to the load to ensure the smooth uptake of power preventing damage when using high inertia implements, including balers.

For the ultimate ease of operation, the automatic PTO can be set to automatically engage and disengage PTO drive. No need to worry about getting your timing wrong and damaging your implement, as it uses the position of the rear linkage to manage the engagement of PTO drive. External PTO controls are also standard.



ECONOMY PTO SPEED

A three speed PTO system enables low power requirement implements to be operated at reduced engine speed. The simple result is reduced fuel consumption.



FAST CYCLE TIMES

All models include a 47Lpm hydraulic steering pump. Unlike some tractors, when you turn the steering wheel we don't take oil away from your loader valve or the remotes. Fast loader cycle times are ensured with a total vehicle flow of up to 160Lpm.



STRONG, EFFICIENT AND POWERFUL

Measured at the ball ends, the Cat. 3 rear linkage has a continuous lift capacity of up to 7864kg. Put simply, this means that a T6000 Cab tractor can lift a load that is greater than their own weight.

T6000 RANGE | SPECIFICATIONS

MODELS

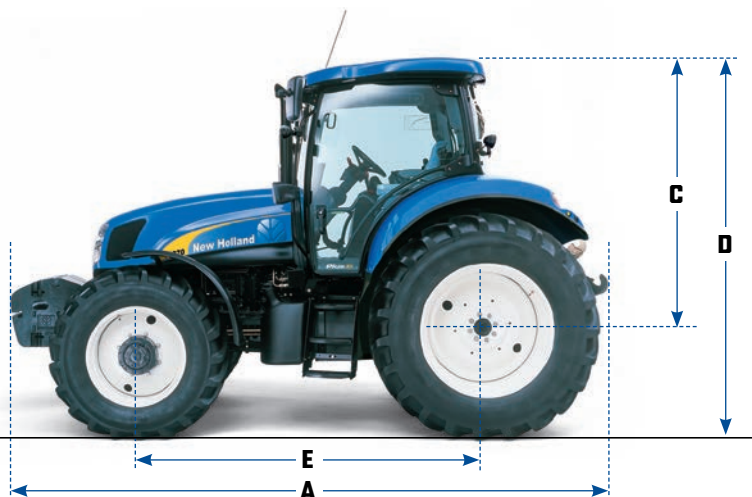
MODELS	T6020		T6050		T6070
Version	ROPS	CAB	ROPS	CAB	CAB
New Holland Engine*	NEF 45		NEF 67		NEF 67
No. of cylinders / capacity / Valves / Emissions Level	4 / 4485 / 2 / Tier III		6 / 6728 / 2 / Tier III		6 / 6728 / 2 / Tier III
Aspiration	Turbocharged		Turbocharged		Turbocharged
Intercooler	●		●		●
Approved Biodiesel Blend	B100**		B100**		B100**
Rated Engine Power - ISO TR14396 - ECE R120 [kW/hp]	82 / 112		93 / 127		104 / 141
Rated Engine Speed (rpm)	2200		2200		2200
Max. Torque ISO TR14396 - ECE R120 at 1400rpm { Nm)	510		555		625
Torque rise (%)	43		38		39
Exhaust aspirated pre cleaner	●		●		●
Fuel tank capacity (l)	176		250		250
Service Interval (hrs)	600		600		600
A pillar mounted exhaust	●		●		●
Alternator (Amps)	120		120		120
Transmission					
Electro Command™ transmission (40kph)	●		●		●
Power Shuttle	●		●		●
Number of gears / with Creeper { F x R)	16 x 16 / 32 x 32		16 x 16 / 32 x 32		16 x 16 / 32 x 32
Minimum speed / Minimum speed with Creeper (kph)	2.23 / 0.19		2.23 / 0.19		2.23 / 0.19
IntelliShift™ System	-	●	-	●	●
Active Electro Command™ auto transmission functions	-	●	-	●	●
Active Electro Command™ transmission (50kph)	-	○	-	○	○
Rear Axle - Flange Type	●		●		●
Front Axle					
4WD Front Axle	●		●		●
Terraglide™ front axle suspension	-	○	-	○	○
Steering angle 4WD	55		55		55
Terralock™ auto 4WD and diff lock functions	-	●	-	●	●
Hydraulically locked front differential	-	●	-	●	●
Dynamic Front Fenders	●		●		●
Turning radius with 4WD / Terraglide™ suspended front axle (mm)	4040		4355		4355
Hydraulic system					
CCLS Closed Centre Load Sensing	-	●	-	●	●
Fixed Displacement Gear Pump	●	-	●	-	-
Main pump flow / Pump pressure { Lpm / Bar)	64 / 180	113 / 210	64 / 180	113 / 210	113 / 210
Steering pump flow { Lpm)	47		47		47
Electronic Draft Control { EDC)	-	●	-	●	●
Dynamic Ride Control	●		●		●
Remote valves					
Deluxe load sensing with flow control	-	●	-	●	●
Max. no. rear valves	3	4	3	4	4
Max. no. mid mount valves	2		2		2
Linkage - Rear					
Max. lift capacity at ball ends (kg)	5997	7864	5997	7864	7864
Swinging Drawbar	●		●		●
PTO					
540 / 540E / 1000	●		●		●
Electro Hydraulic PTO engagement	●		●		●
Auto PTO management	●		●		●

● Standard ○ Optional - Not available
* Developed by FPT - Fiat Powertrain Technologies

T6000 RANGE | SPECIFICATIONS

MODELS

MODELS	T6020		T6050		T6070
Version	ROPS	CAB	ROPS	CAB	CAB
360° Horizon™ cab with FOPS - OECD Code 10 Level 1	-	●	-	●	●
Horizon cab category level 2 - EN 15695	-	●	-	●	●
ROPS frame with canopy	●	-	●	-	-
High visibility sun roof	-	●	-	●	●
Deluxe air suspension seat with seat belt	-	●	-	●	●
Instructors seat with seat belt	-	●	-	●	●
Air conditioning	-	●	-	●	●
Air Recirculation Filters	-	●	-	●	●
Telescopic Shatterproof Mirrors	-	●	-	●	●
Comfort Ride™ cab suspension	-	●	-	●	●
Fender mounted external PTO & Linkage controls	-	●	-	●	●
Performance Monitor with enhanced key pad and ISO 11786 connector	-	●	-	●	●
Cab monitor mounting bracket	-	●	-	●	●
Optimum Cab Noise level - 77/311EEC (dB(A))	70	71	73	71	71
Optimum Seat Vibration level - EN 1032 (m/s)	1.05		1.05		1.06
Factory Fit Rotating Beacon		●		●	●
Cab glass area (m2)	-	5.87	-	5.87	5.87
A pillar mounted exhaust	●		●		●
Dimensions on Standard tyres					
A Overall length inc. rear linkage (all axle types) (mm)	4145		4385		4385
B Minimum width (mm)	2280		2280		2280
C Height at centre of rear axle to top of Comfort Ride™ suspension cab (mm)		2165		2165	2165
D Overall height of height of ROPS frame (mm)	2780		2780		-
D Overall height of Comfort Ride™ suspension cab (mm)		2965		2965	2965
Wheelbase:					
E Standard 4WD axle(mm)	2387		2627		2627
E Terraglide™ suspended axle (mm)		2439		2679	2679
F Track width (min. / max - tyre size dependent) (mm)	1325 - 2285		1325 - 2285		1325 - 2285
G Ground Clearance - Under Drawbar (min / max) (mm)	260 / 480		260 / 480		260 / 480
G Ground Clearance - Front Axle (min / max) (mm)	320 / 520		320 / 520		320 / 520
Weights					
Typical working weight	4250	5100	4700	5500	5500
Max. permissible weight (kg)	9000		9000		9000
Front	480/65 R28		480/65 R28		480/65 R28
Rear	600/65 R38		600/65 R38		600/65 R38



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SCAN TO LEARN MORE

The data indicated in this folder are approximate. The models described here can be modified without the manufacturer's notice. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please get in touch with our Dealer Network for any further information. Published by CNH Industrial. Printed for New Zealand - 03/24-NZ/1005

  [newholland.co.nz](https://www.newholland.co.nz)

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WITH YOU, SEASON AFTER SEASON