



# NEW HOLLAND T4 POWERSTAR

T4.55 | T4.65 | T4.75





# THE MOST COMFORTABLE PLACE TO BE

## REDISCOVER PURE FARMING PLEASURE. THE ALL NEW T4 POWERSTAR RANGE.

The all-new three model T4 PowerStar™ range has been designed to take farming comfort to a whole new level. With 55 to 75hp(CV) on tap, even the most demanding users will be able to sit back and relax in this, a truly New Holland tractor. From distinctive styling to responsive performance, the new T4 PowerStar is the latest addition to the New Holland family.



### ABSOLUTE DRIVING PLEASURE

Long days will fly by in the new deluxe VisionView™ cab that has been designed around you to maximise your productivity. How? Conceived in virtual reality following extensive consultation with many customers, it offers ergonomic comfort to all operators, setting a new industry benchmark in this segment. The advanced air conditioning and a full sized instructor seat mean the T4 PowerStar takes operator comfort to a whole new level. Pleasure. Guaranteed.



### POWER AND PRODUCTIVITY

Are you looking for a tractor that offers you outstanding productivity in a compact package? Then the T4 PowerStar is the natural choice. Featuring an outstanding power-to-weight ratio of a mere 30.4kg/hp, this tractor offers exceptional fuel economy. The fully integrated front loader with quick cycle times makes loader applications even more efficient, especially when combined with the hydraulic Powershuttle. Performance. Guaranteed.



### EASE OF OWNERSHIP

New Holland knows that you want to spend more time in your tractor than looking after it; and the T4 PowerStar offers you the ultimate peace of mind. Long 500 hour service intervals, together with simple daily checks, courtesy of the single piece hood and ground-level service points, make keeping your tractor in tip top condition as easy as 1-2-3. Peace of mind. Guaranteed.



### VERSATILITY

No two farms are alike, so the new T4 PowerStar has been engineered by design to offer users ultimate versatility. Perfectly at home in an agricultural environment, it can effortlessly turn its hand to specialist loader or PTO tasks, and is equally capable in transport or field situations. This adaptable all-rounder is also the perfect solution for municipalities and golf courses. Versatility. Guaranteed.





### EXACTLY WHAT IT SAYS ON THE BONNET

The T4 PowerStar's performance is immediately obvious to all users. How? Quite simply it's on the bonnet. The first two digits 'T4' refer to the tractor's category and the following two, for example '75', refer to the maximum engine power. What does that mean to you? You can buy your T4 PowerStar safe in the knowledge that its performance will perfectly match your requirements.

New Holland has an illustrious record in the sub-100hp segment, just think of the 4610 tractor for example. These well loved machines were renowned for their efficiency, performance and reliability: just like today's T4 PowerStar. Trust New Holland for ultimate productivity peace of mind.

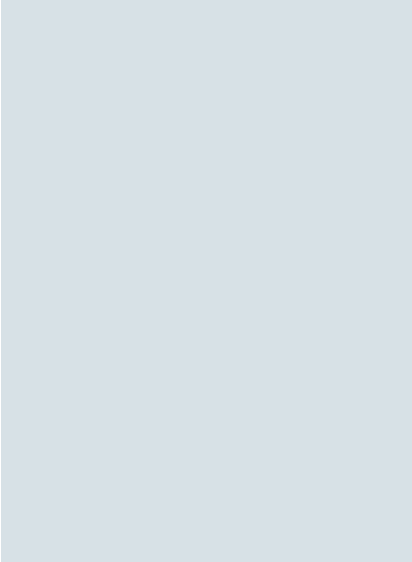




## STEP UP, RELAX AND ENJOY THE RIDE

Ergonomic design. Absolute comfort. Industry-leading operator environment. These all add up to the ultimate driving experience. The new deluxe VisionView™ cab was developed using state-of-the-art virtual reality techniques. What does that mean? A bespoke cab, designed around you that fits like a glove.





### WELCOME ABOARD

The wide opening door guarantees easy entry, and comfortable operation is further enhanced thanks to the super flat floor and suspended pedals-grouped to reduce fatigue during long working days. Note the fully tiltable steering column is adjustable to suit you. You can leave your hat on thanks to the exceptional headroom, courtesy of the repositioned air conditioning unit. Just sit back, relax and enjoy the view from the panoramic deluxe VisionView™ cab for perfect visibility of all attachments, whatever their dimensions.



### ARE YOU SITTING COMFORTABLY?

The optional deluxe air suspension seat features a fully integrated armrest. For operators who extensively use rear mounted equipment, 15° of swivel are available to reduce neck fatigue during long days. There is ample space in the cab for the full size passenger seat with seat belt further enhancing comfort and safety.



### ENJOY THE RADIO

A simple to operate radio is available throughout the entire range. Selecting your favourite station on the go is now even easier thanks to the large-sized, reinforced buttons. For music lovers, an MP3 auxiliary plug, together with its own personal pocket, is also available.



### CONTROL THE CLIMATE OF YOUR CAB THE LATEST IN COOL TECHNOLOGY

The new air conditioning system features dual zone technology to guarantee high performance in all seasons. Individually position up to 10 vents to control the airflow for ultimate all-body comfort, or in cases of extreme temperatures, super-fast defrosting of the windscreen. The B-pillar mounted controls fall perfectly to hand, and can be intuitively adjusted whilst on the move.



### BRILLIANT LIGHTS FOR DARK NIGHTS

A full range of working lights are fitted to all models as standard. These can be angled to suit the application, offering a broad spread of light and turning night into day. They are easily controlled via a dedicated switch panel on the B-pillar.



### ROPS VERSION

All models are available in ROPS format, which features a rear folding frame. Safety is further enhanced during loader activities by the optional FOPS compliant canopy. Operators will still be able to enjoy the super flat floor and ergonomic controls of the cabbed versions, with the addition of specifically engineered components.



## DESIGNED IN THE VIRTUAL WORLD FOR THE REALITY OF THE REAL WORLD

The T4 PowerStar controls have been precisely placed to offer you the ultimate in ergonomic operation. Designed around you in the virtual world, to accommodate operators of all shapes and sizes, the ergonomic 'Command Arc' right hand console, places the most frequently used controls to the right of the operator. This enhances comfort and productivity, and banishes cab contortionism to the past.



## DESIGNED AROUND YOU. DESIGNED BY YOU

New Holland knows that real farming knowledge can only come from real farmers. That's why customers were involved in the design of the T4 PowerStar's cab. You told us where you wanted the controls to be and we put them there. The process was further refined using state of the art virtual techniques, and Jack, a virtual farmer, was used to ensure that farmers of all shapes and sizes can enjoy the deluxe VisionView™ cab in absolute comfort.



### • INFORMATION AT A GLANCE

The clear visible instrument cluster moves in conjunction with the fully tiltable steering column, which means you will always have an unobstructed view of key operating parameters. Want to know your PTO speed or even when your next service is due? Simply glance at the easy to read LCD display and you'll be in the know.

### • FINGER TIP LOADER CONTROL

Up to two mid-mount valves are controlled by the integrated joystick. Ideally positioned to ensure precision operation from the comfort of the driver's seat, productivity is increased and fatigue reduced.

• Transmission controls are intuitively situated to the right of the operator. Both the range lever and gear stick have been positioned to ensure the ultimate in comfortable operation from the natural driving position.

• Control up to three remote valves with the dedicated levers.

• Position and draft controls can be fine-tuned with the easy to reach lever.

• A dedicated slot, just below the radio, is perfect for holding your mobile telephone or even an MP3 player and provides easy connection to the auxiliary input.

• The four wheel drive is simply and easily engaged with a fingertip switch.

• The ergonomic lever to the right of the operator engages and disengages the PTO in absolute safety.

• The PTO speed selector lever falls perfectly to hand from the comfort of the operator's seat.





## CLEAN, POWERFUL ENGINES

The entire T4 PowerStar range is available with the FPT Industrial F5C turbocharged four cylinder engine. The three model line-up delivers between 55 and 74hp(CV) and offers maximum torque of up to 310Nm for improved productivity in all situations. Featuring an outstanding power-to-weight ratio of a mere 30.4kg/hp, it offers an agronomic advantage in-field and fuel savings in every application.

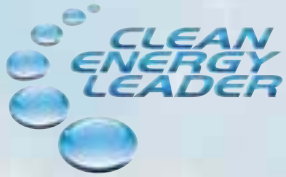


### DEPENDABLE MECHANICAL ENGINES

These engines offer two valves per cylinder with mechanical fuel injection. Brilliant for all round versatility and proven reliability, these engines are 100% biodiesel compatible. Contact your local authorised dealer for more information.







**67% LONGER**



### ENGINEERED TO REDUCE OPERATING COSTS

Advanced engineering design means lower maintenance demands. All T4 PowerStar models benefit from New Holland's industry leading 500-hour service intervals. Choose New Holland to save money, downtime and to protect the environment.



### FUEL SAVING 540 ECO PTO

The 540 Economy PTO setting guarantees impressive fuel savings thanks to a reduced engine speed of a mere 1592rpm. Moreover, you'll see your productivity soar thanks to 16% more torque available in this range.



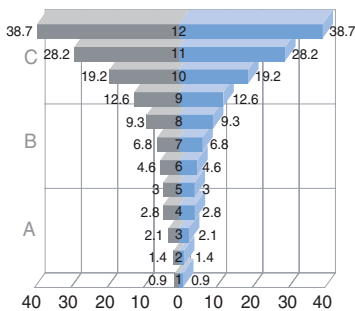


# SELECT THE TRANSMISSION THAT SUITS YOU

New Holland knows that every farmer has different requirements, and that intelligent innovation also means offering tried and tested solutions to improve efficiency. Therefore, a choice of transmissions means that you will always be able to find the perfect solution for your operation.



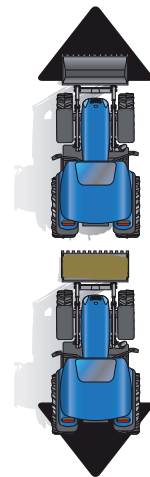
## 12x12 Transmission



Reverse kph Forward

### SYNCHRO SHUTTLE TRANSMISSION

Available throughout the entire range, the 12x12 Synchro Shuttle™ offers four gears in the working range, perfect for fine tuning forward speed to a variety of implements. It features a robust mechanical shuttle for positive direction changes.



### HYDRAULIC POWERSHUTTLE TRANSMISSION

The 12x12 transmission is available in Hydraulic Powershuttle configuration. The shuttle is ergonomically positioned on the steering column to enable fingertip shuttling: you can operate the shuttle whilst holding the steering wheel. Perfect for productivity boosting precision loader work in absolute safety.





#### HOW SLOW DO YOU NEED TO GO?

The 12x12 Synchro Shuttle and 12x12 Hydraulic Powershuttle transmissions can be further enhanced with the addition of a creeper option, which provides an additional four or eight gears to guarantee speeds as low as 0.108km/h. This means you'll be able to tackle specialist applications such as hand planting and vegetable harvesting with relish!

#### AXLES TO SUIT YOUR NEEDS

The entire T4 PowerStar range can be specified with either two or four wheel drive options to ensure that your tractor meets your individual needs. For those who work in demanding conditions, or require enhanced braking performance, four wheel drive is the natural choice which automatically engages to assist braking on 40kph models. Four wheel drive engagement is courtesy of a dedicated fingertip switch situated on the Command Arc.



## PURPOSE DESIGNED FOR PRODUCTIVITY

New Holland knows that integration is better than something tacked on as an afterthought. This is why New Holland has developed its own front loader from scratch. Designed in-house, specifically for the new T4 PowerStar range, the loader sports a curved boom for increased precision and reduced losses. Non self-levelling and self-levelling models are available to meet your individual requirements. With lift capacities from 1124kg to 1442kg and lift heights from 3209mm to 3199mm, you'll be able to find your perfect loader for every situation.

### LOW MOUNTING FOR IMPROVED VISIBILITY

The loader's low mounting brackets guarantee exceptional forward and downward visibility, both when the loader is mounted, or when it has been removed. Moreover, the low mounting points have lowered the tractor's overall centre of gravity, which adds up to enhanced stability when transporting full loads in the fully extended position.

### QUICK ON, QUICK OFF

Attachments can be quickly and easily connected courtesy of 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 not required, after all, it's got its own built-in stands for safe storage.

655TL FRONT LOADER	NON SELF-LEVELLING	SELF-LEVELLING
Max. lift height at pivot pin (mm)	3209	3199
Dump clearance @ 45° (mm)	2377	2364
Dump clearance @ 60° (mm)	2292	2285
Digging depth (mm)	210	205
Lift capacity at 800mm (kg)	1124	1442
Break force at 800mm (kg)	1692	2110
Reach at max. Lift height @ 45°(mm)	1004	1003
Reach at max. Lift height @ 60°(mm)	850	825
Reach at ground level (mm)	2304	2300
Bucket rollback angle (°)	45	45
Bucket dump angle (°)	60	60







### LOOK UP AND WHAT DO YOU SEE?

Your loader of course! The deluxe VisionView™ high visibility roof hatch has been engineered by design to offer you the perfect view of your loader at full extension. When combined with the super thin roof beam, offering you the smallest obscured band in the segment, you can work safe in the knowledge that you have perfect vision of the bucket from ground level to full lift height, from the comfort of your seat. On the very hottest days, the roof hatch can be fully opened to improve ventilation. Dazzling sun? Simply pull across the integrated sun visor to shade yourself from the harshest rays.



### FOPS: YOUR SAFETY PARTNER

Both cabbed and optional canopy ROPS versions offer FOPS protection technology as standard to guard against injury from falling objects.



## TAILORED HYDRAULIC OFFERING

The 48 litre/minute hydraulic system on the T4 PowerStar has been precision engineered to ensure it perfectly meets your individual requirements. Designed with front loaders in mind, a dedicated steering pump ensures that steering accuracy is maintained without compromising loader cycle times.



### MECHANICAL DRAFT CONTROL

Mechanical draft control offers proven reliability when returning an implement to work during a headland turn sequence and maintains a constant draft load. This simple, ease to operate system uses dedicated controls located to the right of the operator.



### MID MOUNT REMOTE VALVES

The T4 PowerStar range can be specified with two mechanical mid-mount remote valves to operate mid mounted equipment or a loader. They are controlled via an ergonomic, fully integrated joystick in the cab.





#### **STRONG, EFFICIENT AND POWERFUL**

Measured at the ball ends, the rear linkage has a maximum lift capacity of up to 2715kg when specified with the optional external assistor-rams. The robust and heavy duty design means even the heaviest implements can be lifted with ease.



#### **ECONOMY PTO SPEED**

A two speed PTO system, which can be selected via the dedicated lever near the operators seat, enables implements to be operated at reduced engine speed. The simple result is reduced fuel consumption.



#### **MECHANICAL REMOTE VALVES**

Up to three remote valves can be specified and feature individual flow control so you can fine tune hydraulic performance to suit the task in hand. The optional diverter means up to eight couplers can be attached. The valves are engaged via the dedicated levers situated on the Command Arc, and enable three positions, float-neutral-extend, to be swiftly and intuitively selected.



## 360° : T4 POWERSTAR

The new T4 PowerStar 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!



The engine air filter is easy to check, clean or replace, with no need for tools.

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

• Replace or clean the cab air filter by simply removing from the easy access fender mounted position.



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

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

• Refill the lockable 90 litre fuel tank from ground level.



### GUIDANCE: YOUR PRECISION FARMING SOLUTION

The EZ-Guide 250 and 500 solutions are your answer to precision farming. Fitted with an enhanced high definition display, both models 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

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.

### 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.

### 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.



### DEALER INSTALLED ACCESSORIES

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



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**SERIES POWERSTAR**

<b>MODELS</b>	<b>T4.55</b>	<b>T4.65</b>	<b>T4.75</b>
<b>Engine*</b>	F5C	F5C	F5C
No. of cylinders / Aspiration / Valves / Emission level	4 / T / 2 / Tier 3	4 / T / 2 / Tier 3	4 / T / 2 / Tier 3
Capacity (cm <sup>3</sup> )	3200	3200	3200
Approved Biodiesel blend	B100**	B100**	B100**
Bore and Stroke (mm)	99 x104	99 x104	99 x104
Max. horsepower - ISO TR14396- ECE R120 [kW/hp(CV)]	41/55	48/65	55/74
Rated horsepower - ISO TR14396- ECE R120 [kW/hp(CV)]	41/55	48/65	55/74
Rated engine speed (rpm)	2300	2300	2300
Max. torque ISO TR14396 (Nm)	240@1250	275@1250	310@1250
Torque rise (%)	35	35	35
Horizontal exhaust	●	●	●
Vertical exhaust	○	○	○
Diesel tank capacity (Litres)	90	90	90
Service interval (hours)	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
Min. Speed (kph)	0,8	0,8	0,8
Gears in the 4 -12km/h working range	4	4	4
<b>Hydraulic Powershuttle transmission (30kph / 40kph)</b>	○	○	○
Number of gears (F x R)	12 x 12	12 x 12	12 x 12
Min. Speed (kph)	0,8	0,8	0,8
Gears in the 4 -12km/h working range	4	4	4
<b>Synchro Shuttle™ transmission [Optional Creeper (30kph / 40kph)]</b>	○	○	○
Number of gears (F x R)	20 x 20	20 x 20	20 x 20
Min. Speed (kph)	0,1	0,1	0,1
Gears in the 4 -12km/h working range	4	4	4
<b>Hydraulic Powershuttle transmission [Optional Creeper (30kph / 40kph)]</b>	○	○	○
Number of gears (F x R)	20 x 20	20 x 20	20 x 20
Min. Speed (kph)	0.1	0.1	0.1
Gears in the 4 -12km/h working range	4	4	4
<b>Electrical</b>			
12 volt alternator (Amps)	120	120	120
Battery capacity (CCA / Ah)	100	100	100
<b>Axles</b>			
2WD front axle	○	○	○
4WD front axle	●	●	●
Steering angle 2WD / 4WD (°)	55 / 55	55 / 55	55 / 55
Dynamic front fenders	○	○	○
Turning radius with 2WD / 4WD front axle (mm)	3660 / 3815	3660 / 3815	3660 / 3815
Electro Hydraulic 4WD engagement	○	○	○
Limited slip front diff. Lock	●	●	●
<b>Hydraulics</b>			
Fixed displacement	●	●	●
Main pump flow (Lpm)	47.5	47.5	47.5
Steering and services pump flow (Mechanical shuttle / Hydraulic Shuttle) (Lpm)	27.5 / 35.6	27.5 / 36	27.5 / 36
Mechanical Draft Control (MDC)	●	●	●
<b>Remote valves</b>			
Type	Deluxe	Deluxe	Deluxe
Max. no. rear valves / diverter	3 / 1	3 / 1	3 / 1
Max. no. rear remote outlets	8	8	8
Max. no. mid mount valves	2	2	2
Max. no. mid remote outlets	4	4	4
Mid mount joystick control	○	○	○
<b>Linkage</b>			
Rear Linkage category	I / II	I / II	I / II
Max. lift capacity at ball ends (kg)	2715	2715	2715
Max. lift capacity through the range (610 mm behind ball ends) (kg)	2030	2030	2030
<b>Front loader ready</b>	○	○	○
Integrated loader joystick	○	○	○
<b>PTO</b>			
Servo Assisted PTO engagement	●	●	●
Engine speed at:			
540 (rpm)	1958	1958	1958
540 / 540E (rpm)	1958 / 1592	1958 / 1592	1958 / 1592
Ground speed	○	○	○
<b>Brakes</b>			
Hydraulic trailer brakes	○	○	○



## SERIES POWERSTAR

MODELS	T4.55	T4.65	T4.75
<b>Operator Environment</b>			
Suspended platform with rear mounted foldable ROPS	●	●	●
Deluxe VisionView™ cab with FOPS - OECD code 10 level 1	○	○	○
Deluxe VisionView™ cab category level - EN 15695	2	2	2
High visibility roof hatch	○	○	○
Rear window wiper / washer	○	○	○
Deluxe air suspension 15° swivel seat with seat belt	○	○	○
Instructors seat with seat belt	○	○	○
Command Arc right hand console	●	●	●
Tilting steering column	○	○	○
Air conditioning	○	○	○
Air recirculation filters	○	○	○
MP3 Radio (with aux input socket)	○	○	○
Telescopic shatterproof mirrors	○	○	○
Fender mounted external PTO & linkage controls	●	●	●
Deluxe VisionView™ cab noise level - 77/311EEC	dB(A) 78	78	78
Factory fit rotating beacons (1 / 2)	○	○	○
<b>Weights</b>			
Minimum unballasted / shipping weights:			
2WD front axle with ROPS	(kg) 2250	2250	2250
4WD front axle with ROPS	(kg) 2670	2670	2670
2WD front axle with cab	(kg) 2520	2520	2520
4WD front axle with cab	(kg) 2800	2800	2800
2WD Max. permissible weight at 30kph	(kg) 4500	4500	4500
4WD Max. permissible weight at 40kph	(kg) 4800	4800	4800

● Standard ○ Optional – Not available \* Developed by FPT Industrial \*\* Conditions apply



MODELS	T4.55	T4.65	T4.75
<b>Dimensions</b>			
With rear tyre size***	340/85 R28	420/85 R30	480/70 R30
<b>A</b> Overall length inc. front support to rear linkage	(mm) 3792	3792	3792
<b>B</b> Minimum width	(mm) 1793	1945	2008
<b>C</b> Height at centre of rear axle to top of ROPS	(mm) 1952	1952	1952
Height at centre of rear axle to top of ROPS folded	(mm) 1306	1306	1306
Height at centre of rear axle to top of cab	(mm) 1784	1784	1784
<b>D</b> Overall height to cab roof	(mm) 2394	2479	2479
<b>E</b> Wheelbase			
2WD front axle	(mm) 2150	2150	2150
4WD front axle	(mm) 2102	2102	2102
<b>F</b> Track width (min. / max.)	(mm) 1412-1923	1525 -1925	1528 -1928
<b>G</b> Ground clearance (depends on hitch or tow hook)	(mm) 333	393	423

\*\*\* Rear tyres other than those mentioned are available: 340/85R28, 420/85R30, 480/70R30



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\* 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.

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