

NEW HOLLAND T6.180 METHANE POWER

# POWERED BY NATURE







*Sustainable Efficient Technology*

# POWERED, PRODUCTIVE AND SUSTAINABLE BY NATURE.

The New Holland T6 Methane Power is the world's first 100% methane powered production tractor, and is key to completing the virtuous cycle of the Energy Independent Farm<sup>SM</sup> system. Farmers grow crops and use waste products to generate biomethane, which powers the tractor, which, in turn, helps to grow those very crops.

## PROVEN ENGINEERING

The T6 Methane Power builds upon the renowned T6 range of tractors. This outstanding design has now been enhanced with a 6 cylinder, 175hp Natural Gas engine, with two transmission options, the proven Electro Command<sup>TM</sup> four-speed semi-powershift transmission and the efficient eight-speed semi-powershift Dynamic Command<sup>TM</sup>.



# TRUE SUSTAINABILITY.

With the same levels of power and torque as its diesel equivalent, you also benefit from up to 30% lower running costs. Producing 98% less particulate matter; reducing CO<sub>2</sub> emissions by 11% and overall emissions by 80%, when using biomethane near-zero CO<sub>2</sub> emissions are achievable.

## TESTED AND READY TO WORK

Since the first prototype in 2013, New Holland has continuously tested Methane Powered tractor prototypes around the world. Since 2021 the first production tractors have started to appear in fields near you.

Methane Power engine with up to 175hp maximum horsepower

Optional Range Extender with 3 x 90 litre tanks providing 270 litres or 47kg of Compress Natural Gas storage (CNG)

Terraglide™ front suspension



POWERED BY NATURE



Hi-visibility roof panel

Optional: Factory installed IntelliSteer® guidance system

IntelliField™ boundary, map & guidance line data inter-vehicle sharing

Up to 16 LED working lights

Horizon™ cab with low noise levels of a mere 70.5dB(A)

Optional IntelliView™ IV Plus monitor with Camera 'ready'

Advanced seat options

Comfort Ride™ cab suspension

Headland Turn Sequencing (HTS) system

Factory installed wide loader brackets

Standard built-in seven tanks of storage providing 185 litres or 32kg of Compress Natural Gas storage (CNG)

Efficient Dynamic Command™ eight-speed semi-powershift transmission, or the renowned Electro Command™ four-speed semi-powershift transmission

# YOUR SUSTAINABLE FARMING PARTNER.

For over a decade, New Holland is established as the Clean Energy Leader for its active promotion and development of renewable fuels, emissions reduction systems and sustainable agricultural technology. New Holland offers the farmers of today and tomorrow the widest choice of accessible solutions that improve efficiency and productivity, whilst respecting the environment.

Rooted in the belief that farmers can use technology to help them reduce their dependence on fossil fuels, the New Holland Clean Energy Leader® strategy is based on four key pillars: Alternative Fuels, Efficient Productivity, Sustainable Farming and being a Committed Company.



**JULY 2006**  
**The birth of a new era**  
Clean Energy Leader® strategy launched



**NOVEMBER 2007**  
**100% Biodiesel**  
All New Holland engines are 100% biodiesel compatible



**FEBRUARY 2009**  
**Zero emission future**  
1<sup>st</sup> NH<sup>2</sup>™ Hydrogen Tractor and Energy Independent Farm<sup>SM</sup> concept presented



**SEPTEMBER 2010**  
**First Energy Independent Farm**  
La Bellotta Farm chosen as the pilot Energy Independent Farm



**NOVEMBER 2011**  
**Second Generation**  
 2<sup>nd</sup> generation NH<sub>2</sub><sup>TM</sup> Hydrogen  
 Tractor concept unveiled



**NOVEMBER 2013**  
**The new frontier**  
 1<sup>st</sup> generation T6 Methane Power  
 Tractor



**JUNE 2015**  
**Innovation that works**  
 2<sup>nd</sup> generation T6 Methane Power  
 Tractor



**AUGUST 2017**  
**Methane Concept Tractor**  
 Reimagines the design and reveals  
 a connected and sustainable future



**NOVEMBER 2019**  
**Sustainable Tractor  
 Of The Year**  
 Methane Power Concept tractor



**FEBRUARY 2021**  
**Industry first e-Source**  
 An electrical generator to power  
 electrified implements



**OCTOBER 2021**  
**Sustainable Tractor  
 Of The Year**  
 T6.180 Methane Power Production  
 tractor



**DECEMBER 2022**  
**CNH Industrial Tech Day**  
 T4 Electric Power & T7 Methane  
 Power LNG tractors shown to  
 the world



**NOVEMBER 2023**  
**Next Generation**  
 T7.270 Methane Power CNG  
 tractor debuts at Agritechnica show



**TODAY**  
**First Production units**  
 Working in fields around the World

## A DREAM MADE TRUE.

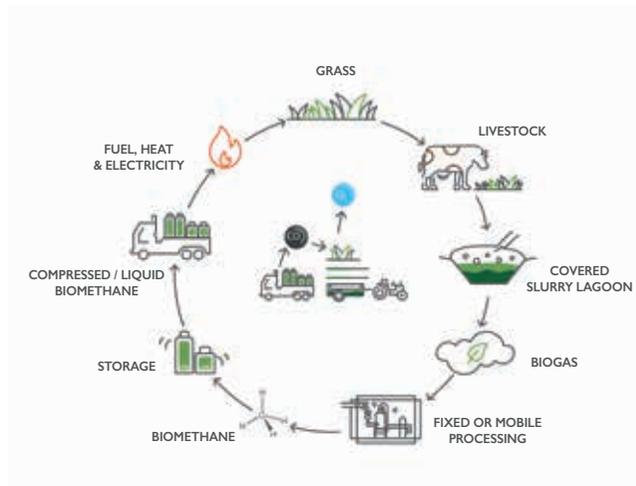
New Holland is already imagining the future of farming, where farmers will be able to provide for all of their own energy requirements. This concept is based on the principal that they can recycle and transform, what are today considered to be mere by-products, into useful energy, alongside the integrated use of renewable energy, such as that generated from solar, wind and biomass sources. New Holland is actively engaged in this challenge, and has continually developed innovative solutions which will enable tomorrow's farmers to capitalise on these advantages.





## TRUE ENERGY INDEPENDENCE

Think about a world in which you did not have to worry about fluctuating energy prices and the negative impact they have on farm incomes. The Energy Independent Farm means you can cater for your own energy needs; a self-sufficient world that puts you in control.



## HOW DOES THE BENNAMANN SYSTEM WORK?

The system works by capturing the fugitive methane under the initial layer and pumping it out of the lagoon to be processed into biomethane. Once the methane has been taken out and cleaned, it is pumped back to the lagoon into a secondary layer where it can be stored. The specially designed sheet is said to hold around a month of methane.



## NEW HOLLAND & BENNAMANN MAKING THE ENERGY INDEPENDENT FARM<sup>SM</sup> A REALITY

New Holland is working with Bennamann which has developed a layered lagoon cover. The cover has multiple benefits. Firstly, it secures any fugitive methane emitted from the slurry, ready to be processed into fuel grade methane ready to power the T6 Methane Power. It also stops rainwater getting into the slurry, which significantly increases the capacity of the lagoon, helping to minimise storage issues outside of the spreading season.



# HORIZON™ CAB. MORE SPACE, BETTER VISIBILITY.

Want all around visibility? The New Holland's industry leading Horizon™ cab is the solution. In the yard, in the field or on the road, you have an uninterrupted, productivity enhancing view.

The new sun-visor protects you from the harshest rays. Working with front loaders? Select the high visibility, fully openable transparent roof hatch, which affords a perfect view at maximum extension from the comfort of your seat. Never lose a grain or suffer a crick in your neck ever again. Whisper quiet comfort is courtesy of a mere 70.5dB(A) cab noise level.





## CONTROL CENTRE

The air conditioning controls, lighting panel, additional storage slots and the radio have all been grouped in an ergonomic cluster. A Bluetooth RDS/MP3 radio is optional. Not only can you take your phone calls handsfree, you are also able to listen to your favourite tunes either streamed directly from your MP3 player, via the AUX connector, or via a USB memory stick.



## AN ARMREST TO SUIT YOU

The T6 Methane Power Dynamic Command™ is equipped with New Holland's multi award-winning SideWinder™ II armrest as standard. But you can also select the SideWinder™ II armrest with mechanical remotes, the standard classic armrest or the upgrades, deluxe armrest with the new multifunction handle for even easier operation.



## GOOD ALL ROUND VISION

The standard enlarged wing mirrors feature an adjustable top section for the best possible view of the road during high-speed transport. The adjustable lower section has been designed to effectively counteract blind spots. Additional options include heated wing mirrors and electronically adjustable.

# A DYNAMIC SOLUTION FOR DYNAMIC COMMAND™ MODELS.

The Dynamic Command™ transmission can be fitted with two versions of the multi-award winning SideWinder™ II armrest. If you choose to specify your tractor with electronic remote valves, then you will benefit from the many years development which have gone into the SideWinder™ II armrest.

However, if you opt for the mechanical remote option, then your T6 Methane Power will be equipped with a specifically designed SideWinder™ II armrest, which takes all of the ergonomic excellence and ease of control associated with the SideWinder, with the addition of modern mechanical hydraulic controls.

## **REPOSITIONED TRACTOR CONTROLS**

The integrated tractor control panel has been repositioned, to the front of the armrest, which enables both unfettered access to the mechanical remote valves, while simultaneously offering clear sight of the panel under normal operation.



### **AT A GLANCE GEAR INFORMATION**

A dedicated screen displaying transmission gearing information has been positioned to the front of the armrest, so that it is easy to see at all times.



### **ADVANCED JOYSTICK**

Transmission up and downshift plus directional forward reverse buttons have been integrated into the advanced loader joystick. This is perfect when conducting intensive loader work: whether you are feeding cattle or moving bales, the ability to change gears without removing your hand from the loader controls is a surefire productivity booster.



### **IDEALLY POSITIONED MECHANICAL REMOTE CONTROLS**

Up to four mechanical remote controls can be specified and are located to the right hand side of the joystick. Simple reach out your arm and they fall naturally to hand. The smooth and positive operation in all functions, extend-retract-float, extend to premium quality feel to the cab.



### **SHUTTLE RESPONSIVENESS**

The shuttle responsiveness setting can be regulated via a dedicated button on the integrated control panel. Select soft for general field work, standard for daily tasks and super aggressive position for near instantaneous direction changes during loader work.

# THE ULTIMATE IN FARMING COMFORT.

New Holland brings you the best-in class seat offering, with four different models providing you with a wide and comprehensive choice. All seats benefit from improved cushioning. These firmer, more durable seat cushions provide outstanding comfort whatever the terrain. A standard, full-sized upholstered instructor seat folds down to provide a work surface when not in use.



## COMFORT SEAT

The standard Comfort seat uses a low frequency suspension unit. Cushions are finished in a durable dark blue cloth. All seat controls are easily identified ensuring seat adjustments are quick and easy.



Both the Dynamic Comfort and Comfort seats benefit from the innovative swiveling, designed backrest to provide upper lumbar support and significantly increases comfort when the seat is turned to monitor rear mounted implements.



### DYNAMIC COMFORT™ SEAT

The Dynamic Comfort seat boasts an enhanced low frequency suspension mechanism. The stitched cushions, finished in a stylish mixture of leather and cloth, also feature two stage heating.



### AUTO COMFORT™ SEAT

The ventilated Auto Comfort™ seat, only available on Dynamic Command™ models, offers a premier seating experience. With automatic weight setting, active suspension, heating and even ventilation system that cools and removes moisture, this is perfect for operators who spend extended hours in the tractor. Seat finish is in blue and grey leather and cloth.

	Standard seat	Comfort seat	Dynamic Comfort™ seat	Auto Comfort™ seat
Material	Cloth		Cloth/Leather	Cloth/Leather
Suspension type	Low frequency		Low frequency with dynamic damping	
Damping system	Adjustable		Automatic	
Weight adjustment	Automatic			
Lumbar support	Manual		Pneumatic	
Climate System	-		2 stage heater	Heating and active ventilation
Backrest extension	Vertically adjusted		Swivelling	
Passenger seat	Cloth		Leather	



# BRIGHT LIGHTS FOR DARK NIGHTS.

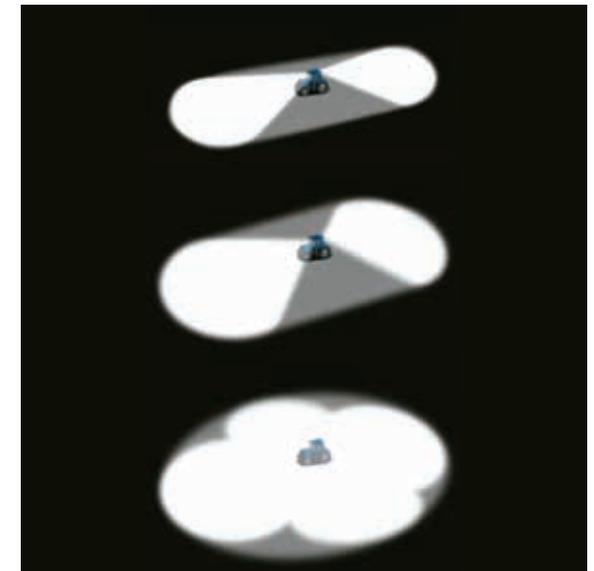
Lighting up the way for improved night time productivity and total safety is a New Holland key priority, accomplished by bringing into the farming world the latest automotive sector innovations, such as LED lights. The lighting offering features up to 16 LED lights. Brighter and less power-consuming than their standard equivalent, these lights offer a broad spread of white light, turning night into day. Up to 6 lights can be fitted in the front and rear of the roof, while high level headlamps light up the distance and pave the way for non stop operation.

## FULLY ADJUSTABLE LIGHTS

LED lights are efficiency itself: more light, more durability, less power consumption. The optional 360 package includes an adjustable light at each corner of the cab. The rear lights are independently switched to reduce glare if working alongside a harvester. The standard signature lights bring a modern stylish addition to the familiar New Holland hood lights, there's even a New Holland logo within the light unit.

## CHOOSE A LIGHTING PACKAGE TO SUIT YOU

There are three cab lighting packages available, consisting of eight, twelve and sixteen LED cab lights in various configurations, to suit your individual requirements.



# THREE LEVELS OF FACTORY-FITTED ACCURACY.

When ordering your T6, you can choose between three guidance packages. This means that your T6 will arrive direct from the factory with the exact accuracy level you require. Choose your accuracy level right down to the most precise 2cm option. A must for high value vegetable or bulb farming.



## LEVELS OF ACCURACY AND REPEATABILITY

New Holland now offers 3 accuracy levels from factory: EGNOS (20cm), PLM I (10-15cm) and RTK (2cm) correction.

## ADVANCED INTELLIRATE™ CONTROL SYSTEM

The T6 Methane Power can be specified with the optional IntelliRate™ Control system. It is operated from the comfort of the cab and uses the IntelliView™ monitor to fine tune inputs and manages section and rate controls of sprayers and seeding equipment. This prevents overlaps, controls dosing and seed rates depending on yield data and eliminate gaps; this will optimise inputs to maximise outputs.

## INTELLITURN™ INTELLIGENT END OF ROW TURN SYSTEM AND DATA SHARING INTELLIFIELD™ SYSTEM

The IntelliTurn™, intelligent end of row turning system, enables fully automated end of row turning for tractors equipped with IntelliSteer autoguidance. The system automatically plots the most efficient end of row turn, to minimise 'out of work' time, as well as ensuring the implement re-enters the work area on the desired path. This can now be combined with HTS II (Headland Turn Sequencing), causing it to trigger at a preset distance from the headland. The new IntelliField™ technology allows you to share boundary, map & guidance line data between tractors operating in the same field to maximise fleet efficiency.





## TWO WAY COMMUNICATION

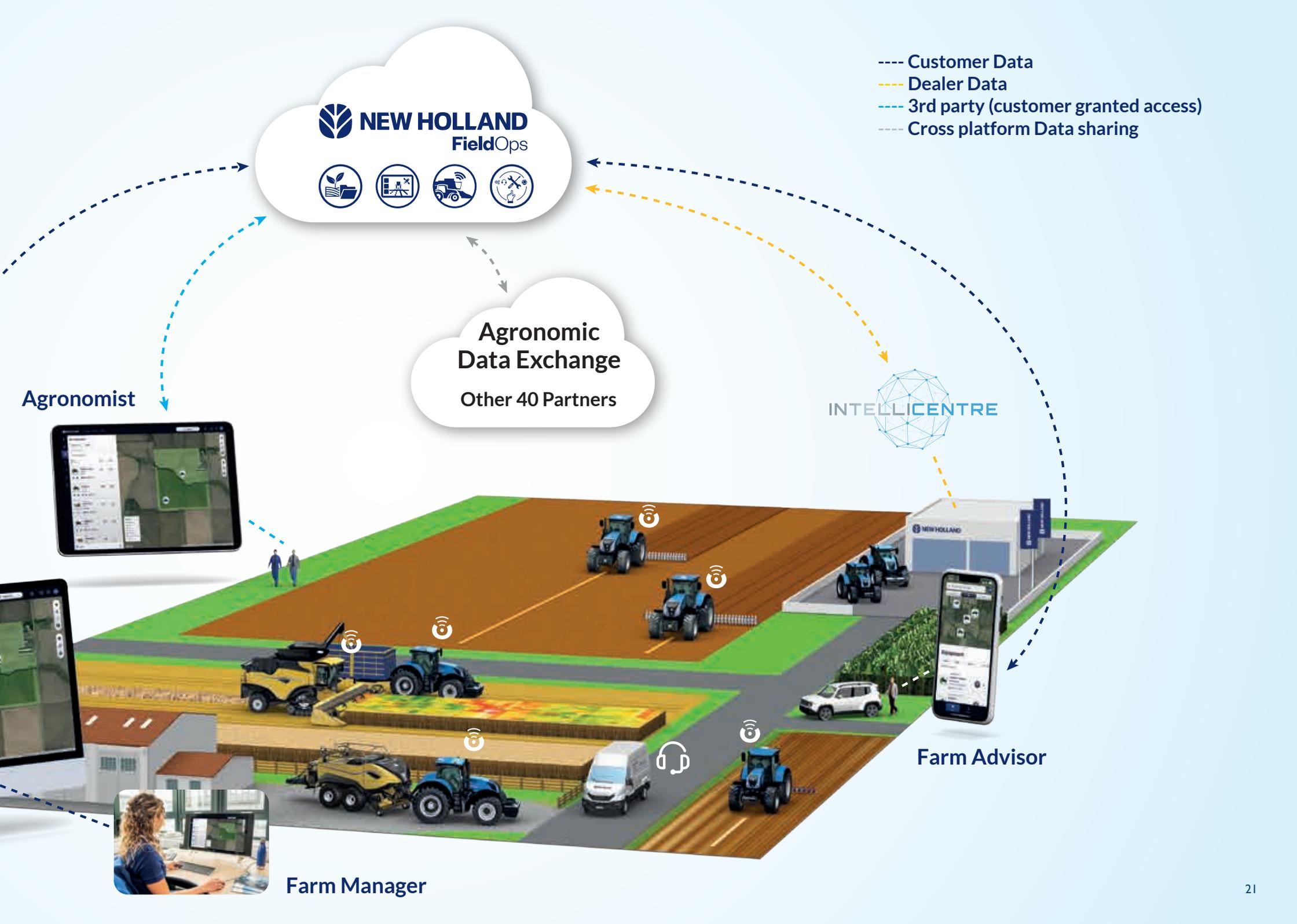
The T6 range is fitted with ISOBUS III technology. This means the tractor and implement can communicate with each other, relaying information back and forth. When connected to a Roll-Belt baler the IntelliBale™ technology will bring the tractor to a halt as soon the pre-set bale diameter has been reached, net wrap application begins automatically and then the tailgate is raised.

## FIELDOPS™, CONNECTIVITY INCLUDED AS STANDARD

FieldOps™ enables you to connect to your T6 Methane Power from the comfort of your office through the utilization of the mobile network. You can stay in touch with your machines at all times, and you can even send and receive real-time information that saves time and enhances productivity. The FieldOps™ package offers full machine monitoring and control. In short, FieldOps™ will help you to reduce your fuel bills and improve fleet management and security in one simple package.

## FieldOps





- Customer Data
- Dealer Data
- 3rd party (customer granted access)
- Cross platform Data sharing

**NEW HOLLAND**  
FieldOps

**Agronomic  
Data Exchange**  
Other 40 Partners

INTELLICENTRE

Agronomist

Farm Advisor

Farm Manager

# PURE POWER.

The power and torque produced by the methane engine are comparable to those of a standard production T6 tractor.

This means that the T6 Methane Power responds in exactly the same way and enables you to complete the same tasks as before, just more sustainably and with a reduced operating cost.

## PROVEN TECHNOLOGY

The T6 Methane Power features an all-new NEF 6.7L engine specifically developed for agricultural applications by FPT Industrial, a leader in natural gas powertrain technology, with over 20 years' experience and more than 70.000 gas engines produced to date.

## SIMPLE AFTER TREATMENT TECHNOLOGY

Methane and biomethane are incredibly clean burning fuels, with up to 80% lower polluting emissions than diesel. As such there is a reduced requirement for after treatment: less polluting exhaust gases are produced so less 'cleaning' is required. A simple 3-way catalyst is used which is a light and compact solution that is package under the engine hood.

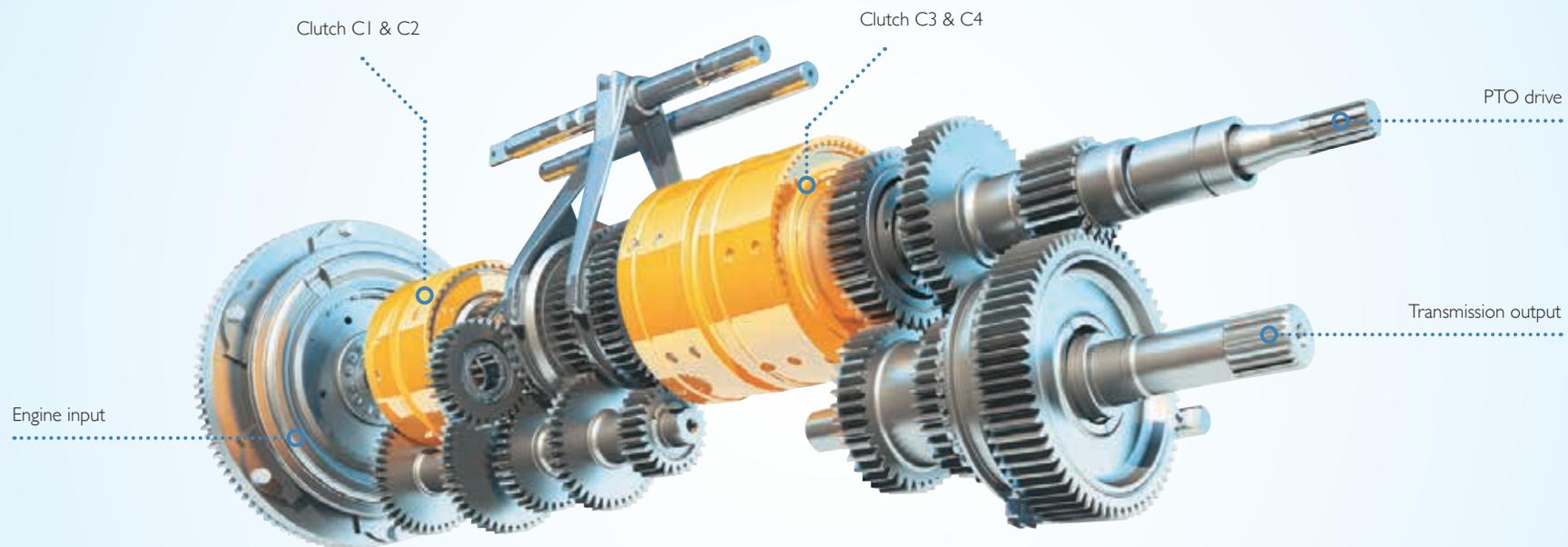
## ENGINE SPEED MANAGEMENT

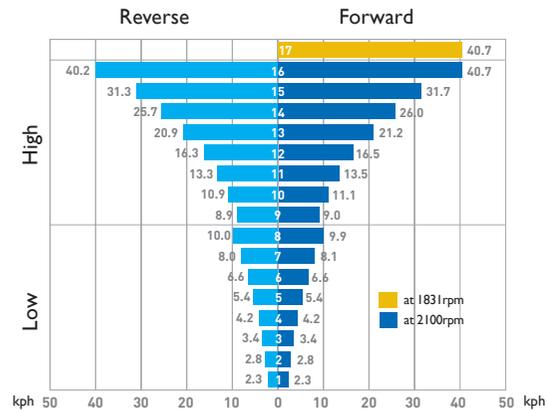
In applications where a constant PTO speed is required, Engine Speed Management ensures the selected speed is accurately maintained under changing loads; it's also perfect for maintaining a fixed forward speed in difficult terrain.



# THE TRANSMISSION GEARED FOR YOU.

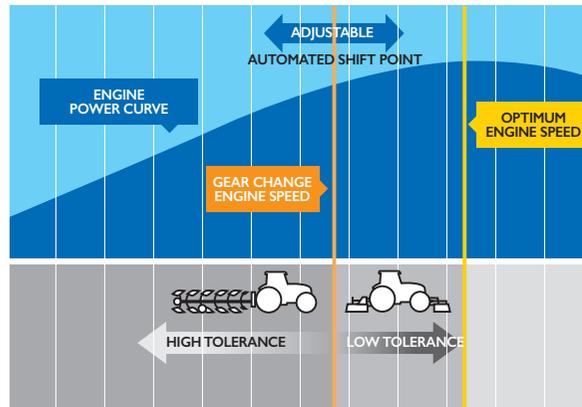
New Holland knows that every farm has different requirements, and that intelligent innovation also means offering tried and tested solutions to improve efficiency. The semi-powershift Electro Command™ transmission offers clutchless gear changes to reduce fatigue, and gear shifting is taken care of for you with the addition of the optional Auto Modes.





## ELECTRO COMMAND

The Electro Command™ semi-powershift transmission allows you to select eight gear speeds via up and downshift buttons on the control lever. The third button selects the range change. You can see the selected gear at a glance thanks to the large gear display. An additional direct drive 17th gear can be specified that allows either a 50kph transport speed or 40kph at reduced engine speed for reduced fuel consumption. The standard IntelliShift™ technology, improves the quality of the gear shift, automatically selecting the right gear for the job, giving you slick gear changes to improve your comfort and productivity.



## WORK TOGETHER: AUTOMATION, COMFORT AND PRODUCTIVITY

Auto Transport mode simplifies gear changing and reduces operator input during road work. It can even sense if the tractor is being pushed by a loaded trailer and holds the current gear to provide engine braking.

Auto Field manages both the engine speed and transmission to optimise performance and economy in PTO and draft applications.

## ERGONOMIC POWERSHUTTLE

The column-mounted electro hydraulic Powershuttle can be operated without having to take your hand off the wheel for increased safety during loader work. You can even regulate the aggressiveness setting with an ergonomically positioned switch. Select soft for general field work, standard for daily tasks and the super aggressive position for near instantaneous direction changes during loader work. Want more? You can even change the setting whilst on the move.

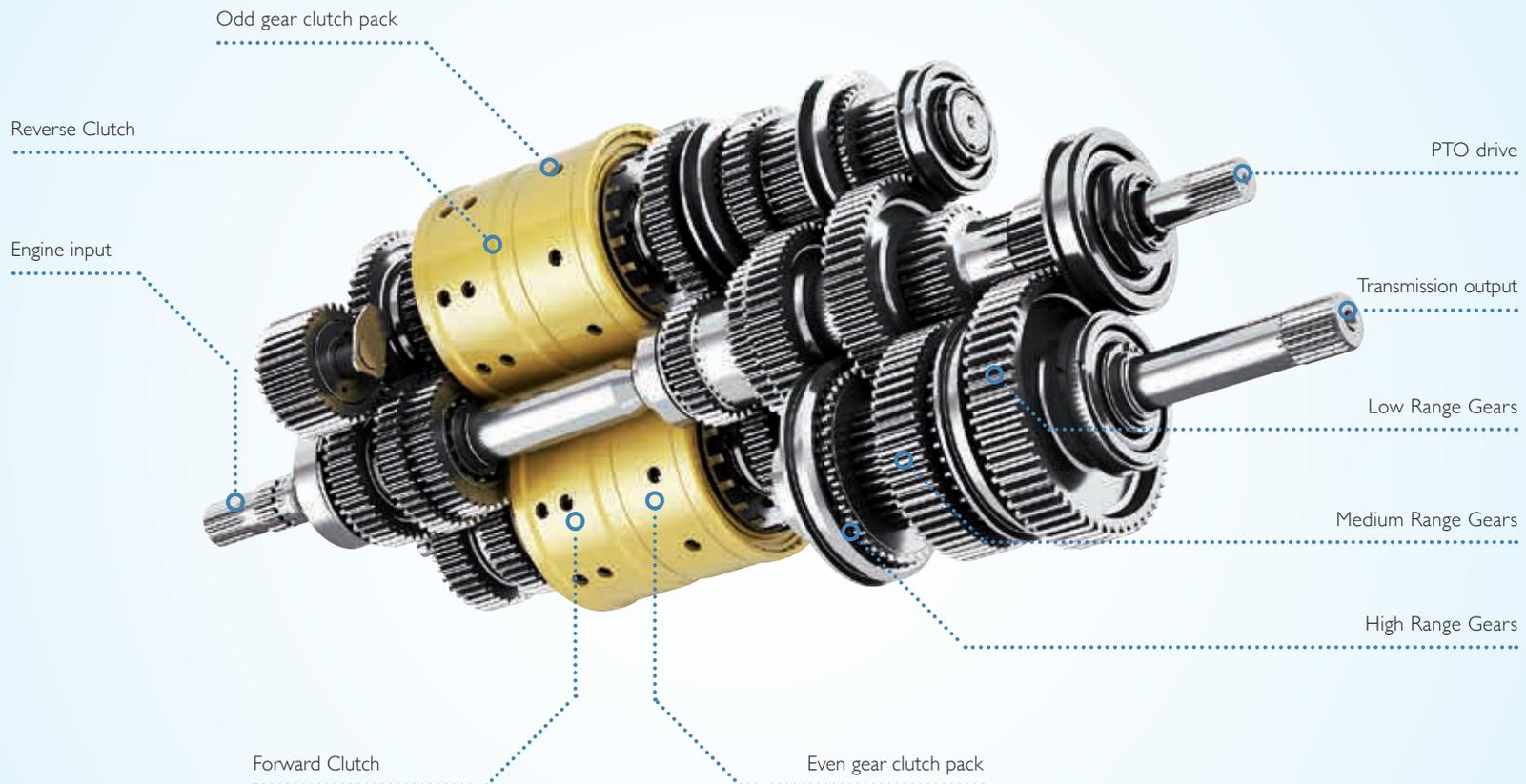
## MEMORY SHUTTLE

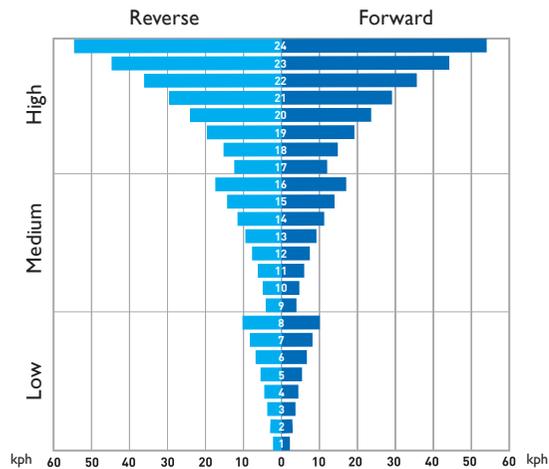
The Electro Command features an innovative memory shuttle system that'll save you money and speed up cycle times. First select the ratio you need in forward, shuttle and then shift to your desired reverse ratio. From now on, the tractor will automatically shuttle between your chosen forward and reverse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



# DYNAMIC OPERATION IN EVERY SITUATION.

The Dynamic Command™ transmission, fruit of extensive customer consultation and an intensive research, development and testing process, is now available on the T6 Methane Power. Designed to offer even more gears in the most frequently used operating ranges, this will enable you to perfectly match the speed of your T6 to the task in hand. Furthermore, the ability to deliver near instantaneous direction changes makes field, but especially loader work even easier and more efficient.





### EIGHT-STEP SEMI-POWERSHIFT

The 24x24 Dynamic Command™ transmission enables you to shift between eight gears under load, without having to change ranges. Thanks to the wide spread of speeds within the three ranges, which correspond to those most frequently used whilst conducting in field or on road activities, you shouldn't need to change range mid-task, which results in improved infield and on road productivity.



### RESPONSIVE POWERSHUTTLE

The Dynamic Command™ delivers near instantaneous direction changes thanks to advanced Powershuttle technology. Conceived with loader-intensive operations in mind, it will speed up all farm yard tasks.



### CLUTCH FREE LOADER WORK

The advanced Dynamic StartStop feature means that at lower operating speeds, such as those commonly associated with loader work, you can simply depress the brake when coming to a stop, without the need to clutch. Once the brake pedal is released, the tractor will automatically start to move.



### FAST OR SLOW. YOU DECIDE.

For transport intensive operation the 40kph ECO offer an efficient way to get between field and back to base, all whilst saving fuel and with lower in-cab noise. At the other end of the scale, a creeper option can be specified so that you can go as slow as you need.



### EFFICIENT ROAD TRANSPORT

When you need that extra turn of speed, such as when accelerating away from a roundabout, the Dynamic Command™ transmission will automatically 'kick down' selecting a lower gear to maximise acceleration performance. Once cruising speed has been achieved, the gearing will automatically revert to the most efficient available.



### GSM II. INTELLIGENT AUTOMATION.

New Holland Ground Speed Management II, GSM II, is more than just an automated transmission shift system. With CVT-like functionality, it uses a combination of data relating to engine load, forward speeds to optimise performance and economy. Simple to set up and extremely efficient, GSM is well proven and dependable.

# GREAT MANOEUVRABILITY, IMPROVED TRACTION, HIGHER OUTPUTS.

New Holland's range of axles is engineered to perfectly match your requirements. All T6 tractors can be specified with structurally light but strong front axles to fully exploit a front loader or linkage. An overall maximum gross vehicle weight of 10500kg on all models, when combined with perfect weight distribution and efficient ballasting optimises traction and means you've got even more flexibility when using heavy mounted implements or when ballasting. All models benefit from a 2642mm wheelbase which ensures a 4300mm turning radius for ultimate manoeuvrability.



## TYRES. THE CHOICE IS YOURS.

It's access all areas with ultimate soil respect for the T6 Methane Power. A whole host of tyres are available, including the largest R38 tyres with improved ground clearance, perfect for vegetable growers that, thanks to their large footprint, also reduce compaction and improve traction. Hard wearing municipality, forestry and turf tyres complete the line-up. With New Holland, choice comes as standard.



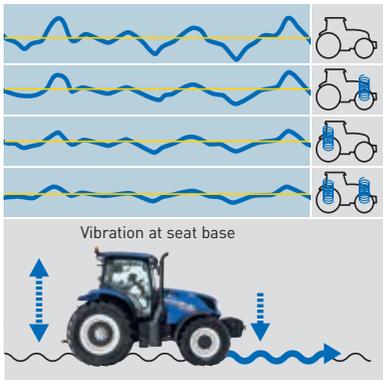
### TERRALOCK™ AUTOMATIC TRACTION MANAGEMENT

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.



### INTEGRATED COMFORT RIDE™ CAB SUSPENSION

The optional automatic two stage Comfort Ride™ cab suspension has established itself as a key advance in operator comfort. It provides up to a 25% reduction in shock loads reaching the operator. Designed to complement the cushioned ride offered by the air suspension seat. It is ideal for operations that include fast top work and extended transport duties.



### 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 Shock loadings when travelling over uneven surfaces. In the field the advanced suspension system maintains contact between the tyre and the ground to improve traction. It also features anti-dive and anti-squat Logic which prevents excessive suspension movement when lifting heavy three point linkage implements.



### CUSTOMSTEER™: VARIABLE RATIO STEERING

The optional CustomSteer™ function available on Dynamic Command tractors, puts you in control of Steering wheel inputs. Through the IntelliView™ monitor or via a dedicated switch, you can control just how many turns of the wheel are required to lock-to-lock functionality. If you want to conduct tight turns, say when turning on the headland or when conducting loader work, you can programme the tractor to deliver lock-to-lock turning with anything as few as one complete steering wheel revolution, instead of the standard four. Saving you time and effort.

# PRODUCTIVITY AND FLEXIBILITY GUARANTEED.

New Holland knows that full integration by design is the best option. That is why the T6 was designed with front loaders and front linkage in mind. The T6 is fully compatible with the wide frame New Holland 600LA and 700LA range's of front loaders: the perfect productivity combination. Moreover, you'll always have a perfect view of your load at full extension from the comfort of your seat thanks to the optional high visibility, transparent roof hatch. Moreover, you no longer have to choose between front loader or front linkage, with the T6 you can have both.



## STRONG, EFFICIENT AND POWERFUL

The maximum lift capacity on the T6.180 Methane Power is a massive 7864kg. The rear linkage and hydraulics are designed to work with heavy mounted equipment over extended periods. The system also incorporates integral dynamic ride control shock load protection. This will reduce bounce when travelling with a heavy linkage load at transport speeds. Fender mounted controls for the rear linkage, a rear remote and the PTO are available.



## THE PERFECT FIT: FRONT LINKAGE AND PTO

New Holland's T6 range is designed to incorporate a fully integrated, factory fitted, front linkage and PTO. All linkage and PTO controls can either be accessed from the comfort of the cab, or via the conveniently positioned controls on the linkage itself for greater efficiency when hitching. Purpose developed for T6 tractors, the linkage will lift up to 3200kg. Linkage arms can be folded when not in use, or can be used to carry the mono block front weight pack.



## LONG, STRONG, PRODUCTIVE

The wide frame 600LA and 700LA range's vital statistics are rather impressive: maximum lift heights of 4.3m and lift capacities of up to 3345kg mean that no task is too big or too small. The numbers speak for themselves. But there's more. The hydraulic pipe work has been integrated into the loader frame to significantly improve forward visibility for precision operation and to prevent potential snagging when operating in the confined sheds.

## FOPS: YOUR SAFETY PARTNER

New Holland offers you the ultimate in loader peace of mind, as the T6 is fully FOPS (falling object protection system) compliant, to guard against injury from falling objects.

Model		685LA	680LA	695LA	690LA	715LA	725LA	735LA	730LA	745LA
Max. lift height	(m)	3.9	3.9	3.9	3.9	4.1	4.1	4.1	4.1	4.3
Max. lift capacity	(kg)	2723	2723	3131	3131	2559	2937	3345	3345	2712
<b>T6.180 Methane Power</b>		●	●	●	●	●	●	●	●	●

● Available





## HYDRAULIC POWER AND PTO FLEXIBILITY.

Have you ever thought about just how much hydraulic flow you actually need? All T6 Methane Power tractors are fitted with a Closed Centre Load Sensing (CCLS) hydraulic system as standard. Delivering 121 litres/minute that will power even the most demanding implements including specialist vegetable harvesters. If that wasn't enough, New Holland has engineered the CCLS system to operate at peak efficiency.

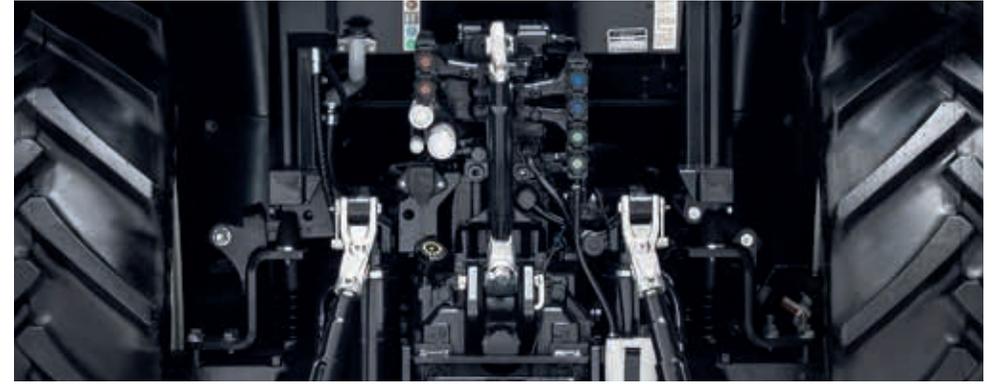
The benefit? Full hydraulic power is always available at the remote valves and linkage, but only as much as is needed.

The result? Reduced fuel consumption. Regardless of how hard your tractor is working, the steering will always remain light and easy to use, and loader cycle times remain uncompromised thanks to a separate 47 litres/minute service pump or optional 67 litres/minute pump when fitted with Class 4 front axle.



### REMOTE VALVES

The T6 range can be specified with up to four mechanical rear remote valves. Up to three mid mount remote valves to operate the front linkage or a loader are also available, and they are controlled via an ergonomic, fully integrated joystick in the cab.



### EVEN EASIER HYDRAULIC CONNECTION

The hydraulic valve blocks at the rear of the tractor have been split in two to make it even easier when connecting hydraulic lines. The block on the left controls two sets of remotes and the block on the right controls two sets of remotes. In addition a 5th spool diverter and power beyond are also available. Simple. Intuitive. T6.



### DIRECT DRIVE FOR FUEL EFFICIENCY

All T6 tractors are fitted with a direct drive PTO to minimise power loss between the engine and the implement. The PTO is engaged via a push-pull control, with advanced Soft Start management. This modulates engagement of high inertia attachments to protect the driveline. Safety has been further enhanced with the inclusion of an intentional PTO switch, which must be selected to keep the PTO engaged when leaving the operators seat. Additional PTO options include Auto PTO which disengages PTO at pre-set rear linkage heights.



### 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 EDC is positioned just to your right, exactly 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, precisely where you would expect them to be. You can even activate the HTS functionality with your thumb at the touch of the ergonomically located button.



## HEADLAND TURN SEQUENCING II AND INTELLITURN™ SYSTEM: HASSLE FREE REPEATABILITY

HTS II is available on models fitted with Electro Hydraulic remotes. This intuitive system means you can easily record and store all implement sequences and operations at the headland. These can then be played back at the touch of a button. Now, it gets interesting. It's even easier to modify pre-recorded sequences, so when things change, your HTS sequence does as well! If you want the ultimate in turning simplicity, combine this with IntelliTurn, the automated end of row turning functionality, which triggers HTS II when it reaches a preset distance from the headland. Two great ways to improve repeatability and efficiency as well as to reduce fatigue when working over extended periods.

# 360°: T6 CLASS LEADING SERVICE INTERVALS.

The T6 range has been designed to spend more time working and less time in the yard. All service points are easy to access, and super long 750 hour engine, and 1500 hour transmission intervals mean they will spend more time in their natural environment: the field!



# NEW HOLLAND SERVICES.



## INTELLICENTRE

Using data from FieldOps™, skilled technicians analyse specific triggers in the cloud to implement solutions as required. If an issue is identified, the system proactively sends an alert to dealers with the corrective action. Then dealers can prepare in-field or remote assistance and in addition New Holland can support the process to find the quickest solution. That's New Holland's commitment to its customers.



## UPTIME SUPPORT

The priority assistance service for New Holland machines. A dedicated team operates around the clock to manage the requests, which can be activated through the MyNew Holland™ app and the Top Service toll free number. New Holland and the Dealer network will do all possible to provide support, checking many options to get our customers back on the move as quickly as possible and the request will be followed up until the machine is fully repaired. The team relies on a Priority Parts process and dedicated service team, to reach a fast resolution. The service is able to solve more than 80% of breakdowns in less than 48 hours, this is our commitment to our customers!



## UPTIME SERVICE

Minimum downtime, maximum resale value. Your machine is always in top condition, with professional support and high quality genuine parts you maintain the value of your equipment over time.



## UPTIME WARRANTY

Uptime Warranty is the New Holland Extended Warranty program under the same conditions as the Base Warranty. Maximum control over operating costs, maximum improvement of the uptime, repairs completed by authorised New Holland Dealers using New Holland genuine parts, higher re-sale value of your machine are some of the key benefits. Please ask your Dealer for more details and for a tailored Uptime Warranty offer\*.

\* Refer to Uptime Warranty detailed terms and conditions at your Dealer



## MYNEW HOLLAND™ WILL IMPROVE YOUR DAILY WORK

MyNew Holland™ will improve your daily work: get access to exclusive information by adding your equipment, find online solutions for your PLM® products, download operator manuals. Whenever you want, wherever you want - and free of charge.



## NEW HOLLAND STYLE

Want to make New Holland a part of your everyday life? Browse the comprehensive selection on [www.newhollandstyle.com](http://www.newhollandstyle.com). A whole range of items are available including hard wearing work clothing and a vast selection of scale models, together with so much more. New Holland. As individual as you.

Model	T6.180	
<b>New Holland engine*</b>		
	Nef	
No. of cylinders / Aspiration / Valves	6 / T / 4	
Compliant with engine emissions regulations	Above Stage V	
Capacity (cm <sup>3</sup> )	6728	
Bore and Stroke (mm)	104x132	
Max. EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	129/175	
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	118/160	
Rated EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	121/165	
Rated horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	110/150	
Rated engine speed (rpm)	2200	
Max. EPM torque - ISO TR14395 (Nm @ rpm)	738 @ 1500	
Max. torque - ISO TR14396 (Nm @ rpm)	650 @ 1500	
Torque rise standard / EPM (%)	36 / 41	
Engine Speed Management	●	
Service interval (hours)	750	
<b>Methane tank capacity</b>		
Tractor capacity (Litres)	185	
Range Extender (Litres)	270	
<b>Electro Command™ 4 step semi-powershift transmission</b>		
	○	
Powershuttle lever with aggressiveness setting switch	●	
Auto transmission functions	●	
IntelliShift™ System	●	
Basic Gear Display	●	
High mount window wiper	●	
<b>Electro Command™ transmission (40kph)</b>		
Number of gears / with Creeper (FxR)	16x16 / 32x32	
Minimum speed / Minimum speed with Creeper (kph)	2.27 / 0.19	
<b>Electro Command™ transmission (40kph ECO or 50kph)</b>		
Number of gears (FxR)	17x16	
Minimum speed (kph)	2.27	
Basic Gear Display	●	
<b>Dynamic Command™ 8 step semi-powershift transmission</b>		
	○	
Transport Power Management	●	
Powershuttle lever with aggressiveness setting switch	●	
Auto transmission functions	●	
Ground Speed Management II (GSM II)	○	
Dynamic StartStop	○	
Dynamic IntelliShift™ System	●	
Basic Gear Display	●	
Low mount window wiper	●	

Model	T6.180	
<b>Dynamic Command™ transmission (40kph)</b>		
Number of gears / With creeper (FxR)	23x23 / 46x46	
Minimum speed (kph)	2.22	
<b>Dynamic Command™ transmission (40 ECO &amp; 50kph ECO)</b>		
	○	
Number of gears / With creeper (FxR)	24x24 / 48x48	
Minimum speed (kph)	2.22	
Basic Gear Display	●	
<b>Electrical</b>		
12 volt alternator Standard / Optional (Amps)	120 / 150 / 200	
Standard battery capacity (CCA / Ah)	800 / 140	
Optional heavy duty battery capacity (CCA / Ah)	1300 / 176	
<b>Axles</b>		
Terraglide™ front axle suspension	●	
Steering angle 4WD / Terraglide™ front axle (°)	55 / 55	
Terralock™ functions (Auto Diff / Auto 4WD)	○	
Dynamic Front Fenders	○	
Bar rear axle	○	
Turning radius with 4WD / Terraglide™ suspended front axle (mm)	4600	
<b>Hydraulics</b>		
Closed Centre Load Sensing (CCLS)	○	
Electro Command™ Main Pump flow / Pump pressure (Lpm / Bar)	121 / 210	
Dynamic Command™ Main Pump flow / Pump pressure (Lpm / Bar)	150 / 210	
Standard Steering and services Pump flow (Lpm / Bar)	47 / 170	
Optional Steering and services Pump flow** (Lpm / Bar)	67 / 170	
Electronic Draft Control (EDC)	●	
<b>Remote valves</b>		
Max. no. Deluxe rear valves with diverter fitted	5	
Max. no. mid mount valves	3	
Mid mount Electronic joystick control	○	
<b>Linkage</b>		
Max. lift capacity at ball ends (kg)	7864	
Max. lift capacity through the range (610 mm behind ball ends) (kg)	5284	
Front linkage lift capacity at ball ends (through the range) (kg)	3200	
<b>Front Loader Ready</b>		
	○	
Seat mounted integrated loader joystick	○	
<b>PTO</b>		
Auto Soft Start	●	
<b>Engine speed at:</b>		
540 / 540E / 1000 (rpm)	1969 / 1546 / 1893	
Auto PTO management	○	
Front PTO (1000rpm)	○	

Model		T6.180
<b>Brakes</b>		
Hydraulic Trailer Brakes		○
Optional Pneumatic Tractor Brakes		○
<b>Cab</b>		
Four pillar 360° Horizon™ cab with FOPS - OECD Code 10 Level I		●
Horizon cab category level - EN 15695		2
High visibility roof hatch		○
8 LED lighting pack		●
12 LED lighting pack		○
16 LED 360 degree lighting pack		○
Comfort seat with seat belt		●
Dynamic Comfort™ heated seat with seat belt		○
Instructors seat with seat belt		○
Luxury Pack (Leather Steering wheel and carpet)		○
Tilting and telescopic steering column		●
Air conditioning		●
Automatic climate control		○
MP3 Bluetooth Radio (hands free phone calls)		○
Telescopic mirrors with wide angle view		●
Telescopic mirrors with wide angle view, heating and electrically adjustable		○
Comfort Ride™ cab suspension (Standard on the Dynamic Command transmission)		●
Fender mounted external PTO & Linkage controls		○
Fender mounted external remote valve control		●
Optimum Horizon cab noise level - 77/31 IEEC	[dB(A)]	70.5
Factory Fit Rotating Beacons (1 / 2)		○

● Standard ○ Optional

\* Developed by FPT Industrial

\*\* Linked Class 4 front axle

\*\*\* Weight carrier, standard axle, 18.4R38 tyres

Dimensions on rear tyres <sup>A</sup>		16.9R38	18.4R38	520/70R38	600/65R38	650/65R38 <sup>B</sup>
Overall length inc. front linkage to rear linkage	(mm)	5189	5189	5189	5189	5189
Min. width	(mm)	2280	2280	2280	2280	2314
Height at centre of rear axle to top of low profile cab	(mm)	1980	1980	1980	1980	1980
Height at centre of rear axle to top of standard cab	(mm)	2100	2100	2100	2100	2100
Height at centre of rear axle to top of Comfort Ride™ suspension cab	(mm)	2165	2165	2165	2165	2165
Overall height of low profile cab	(mm)	2780	2805	2805	2805	2855
Overall height of standard cab	(mm)	2900	2925	2925	2925	2975
Overall height of Comfort Ride™ suspension cab	(mm)	2965	2990	2990	2990	3040
<b>Wheelbase</b>						
Standard 4WD axle	(mm)	2642	2642	2642	2642	2642
Terraglide™ suspended axle	(mm)	2684	2684	2684	2684	2684
Track width (min. / max.)	(mm)	1460 / 2134	1530 / 2134	1634 / 2134	1634 / 2134	1664 / 2134
Ground clearance	(mm)	427	478	478	478	528

<sup>A</sup> Rear tyres other than those mentioned are available: 480/70R38, 540/65R38, 650/60R38 <sup>B</sup> Only compatible with Comfort Ride™ cab suspension.

Model		T6.180
<b>FieldOps™</b>		
Classic armrest		○
SideWinder™ II armrest		○
CommandGrip™ handle		○
Performance Monitor with enhanced key pad and ISO 11786 connector		○
Dynamic Command™ IntelliView™ IV Plus colour monitor with ISO 11783 connector		○
Dual IntelliView™ IV Plus colour monitor with ISO 11783 connector		○
Camera Connection		○
Cab monitor mounting bracket		○
IntelliSteer® guidance ready		○
Headland Turn Sequencing (HTS)		○
Headland Turn Sequencing II (HTS II)		○
IntelliTurn™ with Headland Turn Sequencing II (HTS II) system		○
ISOBUS Class II (External and in cab connection)		○
ISOBUS Class III (External and in cab connection)		○
IntelliField™ boundary, map & guidance line data inter-vehicle sharing		○
FieldOps™ (Connectivity Included)		●
<b>Uptime Solutions - Training &amp; Support Systems</b>		
New Holland Breakdown Assist		●
<b>Weights</b>		
Minimum shipping weights***	(kg)	5610 / 5680
Typical working weight	(kg)	6290 / 6540
Max. permissible weight	(kg)	9500 / 10500



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in action



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