

TC Range

TC4.90

TC5.70

TC5.90

TC5.90 Hillside

TC5.90





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A combine designed around your specific needs

Thousands of operators, all around the world, have found the TC combine range to far exceed their expectations. The productivity of the TC combine range is a perfect match for the requirements of mixed and small scale arable farmers where value and reliability is key. The new, cleaner ECOBlue™ HI-eSCR 2 Stage V power units are engineered to treat only the exhaust gases of the TC Combine, optimising fuel consumption, giving real savings to the owner.

The all new Harvest Suite™ Comfort Cab puts the operator in the best position, providing a relaxed environment for long days in the field.



Dual or triple-drum threshing looks after grain and straw
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Harvest Suite™ Comfort Cab
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Mounted on rubber isolation blocks, the Harvest Suite™ Comfort Cab provides enhanced smoothness and noise levels as low as 74dB(A). The attractive styling combined with large access panels not only provides class leading service access, but also reflects the all round professional package of the TC range.

The new and improved TC5.90 Hillside model completes the range. For optimum operation in hillside conditions, a levelling mechanism overcomes the challenges of working on side slopes.



Extreme farming? TC5.90 Hillside is the answer
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New Holland Aftersales Products and Services
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New TC, great looks, brilliant performance

The new TC combine series delivers dependable performance in varied crops and conditions. It also offers great output without compromising straw or sample quality.

The all-new Harvest Suite™ Comfort Cab sets new and class leading levels of comfort and visibility. Of equal importance, a wide specification choice means there is a model to match your specific needs.

Excellent Capacity

With four or five straw walkers with up to 6.69m² of separation, the all new TC combine models guarantee great productivity.

Great Harvest Quality

The three-stage Cascaded cleaning system features a 450mm sloping pre-sieve, the adjustable fan forces air through the grain to remove chaff and short straw ahead of the top and bottom-sieves. The result? A cleaner sample. The Smart Sieve™ option ensures enhanced cleaning over difficult terrain.

Ease of Operation

Integrated into the seat, the adjustable side console puts every major control within easy reach. The InfoView™ II monitor eases set up and function monitoring. Best of all? The innovative CommandGrip™ handle. Simple to understand. Easy to use.

Absolute Driving Pleasure

New Holland has invested thousands of hours in developing and improving the operator's environment. Just take a look in the all-new Harvest Suite™ Comfort Cab. It matches quiet comfort and brilliant ergonomics with great visibility and space.





More than 75,000 combines over thirty years



New Holland TC combines have an unrivalled pedigree, with over 30 years of development invested in the new TC series. Over 75,000 TC combines have been produced since the first machine was built in 1992 and are chosen and appreciated by farmers in every field around the world.

The proven New Holland heritage and design DNA of all these machines has been inherited by the new TC range. Hydrostatic drive, Rotary Separator, self-levelling sieves, high comfort cab, multi-function controller, automated header control and specialised Hillside models are all part of TC combine development history.

The new TC combine models have evolved in line with your changing needs. All our expertise and user experience comes together in these new models. When productivity and reliability count, you can depend on us.



- 1992: TC launch.
- 1995: Hillside option.
- 1996: Optional Rotary Separator, bigger grain tank, bigger elevator and multi function handle.
- 2008: New styling, cab interior, operator controls and instructor seat.
- 2012: Tier 4A engine, TC5060 Hydro and Smart Sieve™ option.
- 2014: New Harvest Suite™ Comfort Cab and styling upgrade with Dual-Chop™ straw chopper, bigger grain tank and optional Opti-Fan™, Moisture Sensor and Varifeed™ Header.
- 2015: New TC4.90, 4 strawwalker model, with cab and styling upgrades, bigger graintank and Rotary Separator option
- 2016: New Tier 4B TC5.90 Hillside model.
- 2021: New powered rear axle available on all models.



Built in Plock

TC series combines are manufactured, like their bigger CX counterparts, in Plock, Poland. Today, the Plock plant, builds not only CX combines, but also CH and TC combines, high capacity and Varifeed™ headers, plus fixed and variable chamber round balers: a true New Holland centre of excellence.

Across every product line, this is a facility that takes pride in its products, blending the extensive knowledge of its dedicated workforce with sophisticated manufacturing processes and the latest design technology to build today's machines.



New Holland grain headers for peak TC productivity

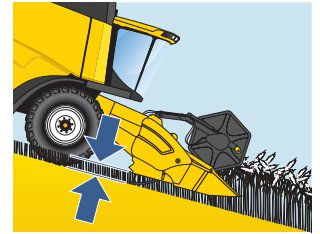
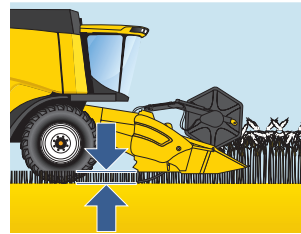
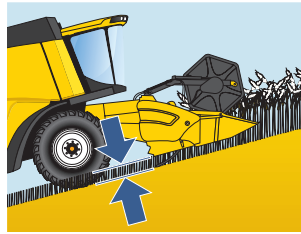
TC productivity starts at the header. Common grain header features include a large diameter reel, with easy adjustment, and an aggressive knife action and retractable fingers over the full intake auger width. These features combine to deliver consistent crop feed right from the start. You can get working faster too, thanks to the quick header coupling system and, if you have to stop for a blockage, no problem. Blockage clearance is straightforward and dependable. Just what you expect from New Holland.



High capacity headers

A mechanically driven reel ensures reliable performance, and the 1150 stroke per minute knife offers a perfect cut in all kinds of crops. Perfect stubble height is maintained by the height control skid plates, sensors automatically monitor the position of the header and ensures optimum header performance. The High capacity grain header range offers 4 models from 3.96m to 6.10m with a specific "Rice" configuration in 5.18m if needed.





Autofloat™ II system

Autofloat™ II is available to suit rolling field conditions*. The system automatically corrects “exaggerated weight signals” to reduce the tendency for the header to bulldoze when working downhill and maintains the correct stubble height when working uphill.

* only available on TC5.90 and TC5.90 Hillside, Controlfloat™ system available on all models.



Automatic Header Height Control

Automatic Header Height Control offers a choice between stubble height control or automatic pressure compensation. In normal working conditions, the header height can be set and left to automatically look after itself. Lateral float takes care of uneven terrain across the front of the combine.



Hydraulic side knife

A purpose developed hydraulic vertical knife helps ease the header through tangled crops, reducing pod shatter and seed losses.

Fast Coupler

Field to field transitions are made faster and easier thanks to the standard Fast Coupler.



Heavy-Duty Varifeed™ headers

With a fore and aft adjustment of 575mm, the knife can be positioned to deliver optimised cutting efficiency to suit both the crop and changing conditions. Laid crops and long straw are no longer an issue, simply adjust the knife to optimise flow to the feed auger. Electro-hydraulic adjustment allows the knife position to be changed from the cab while harvesting.

Designed to fit TC combines

New Holland has developed an all-new maize header line-up, purpose designed for TC combines. The upgraded maize header offering perfectly satisfies the demands of modern maize harvesting to boost productivity and harvesting efficiency. The shorter points better follow ground contours to prevent 'run-down' of crops. The gills direct any loose kernels to the back of the header, consigning wasted cobs to the history books. The replaceable wear strips extend the headers lifespan and all points flip up on self-supporting gas struts for easy cleaning and maintenance. Modern maize headers for modern farmers.



Maize headers	TC4.90	TC5.70	TC5.90	TC5.90 Hillside
Rigid maize header (rows)	5	5	5-6	-
Flip-up maize headers (rows)	-	-	6	-



Flip-up or rigid: the choice is yours

Rigid headers are available in 5 or 6 row configurations, while a 6 row flip-up version is available on TC5.90 models. The flip-up version is the ideal choice for transport intensive operations that are subject to 3.5m width restrictions.



Optimised performance in maize and pulses

When harvesting maize or beans, the drum speed can be reduced as low as 417rpm, depending on the model.



Integrated stalk choppers

The optional twin blade stem choppers chop and spread stubble residue across the full width of the header, independent of the row, and leave a "best in class" finish.

Dual or triple-drum threshing looks after grain and straw

New Holland TC combines match performance and productivity with a high sample quality and gentle straw handling. Where straw is baled for feed or bedding, a standard TC combine will deliver a well-presented swath of unbroken straw.

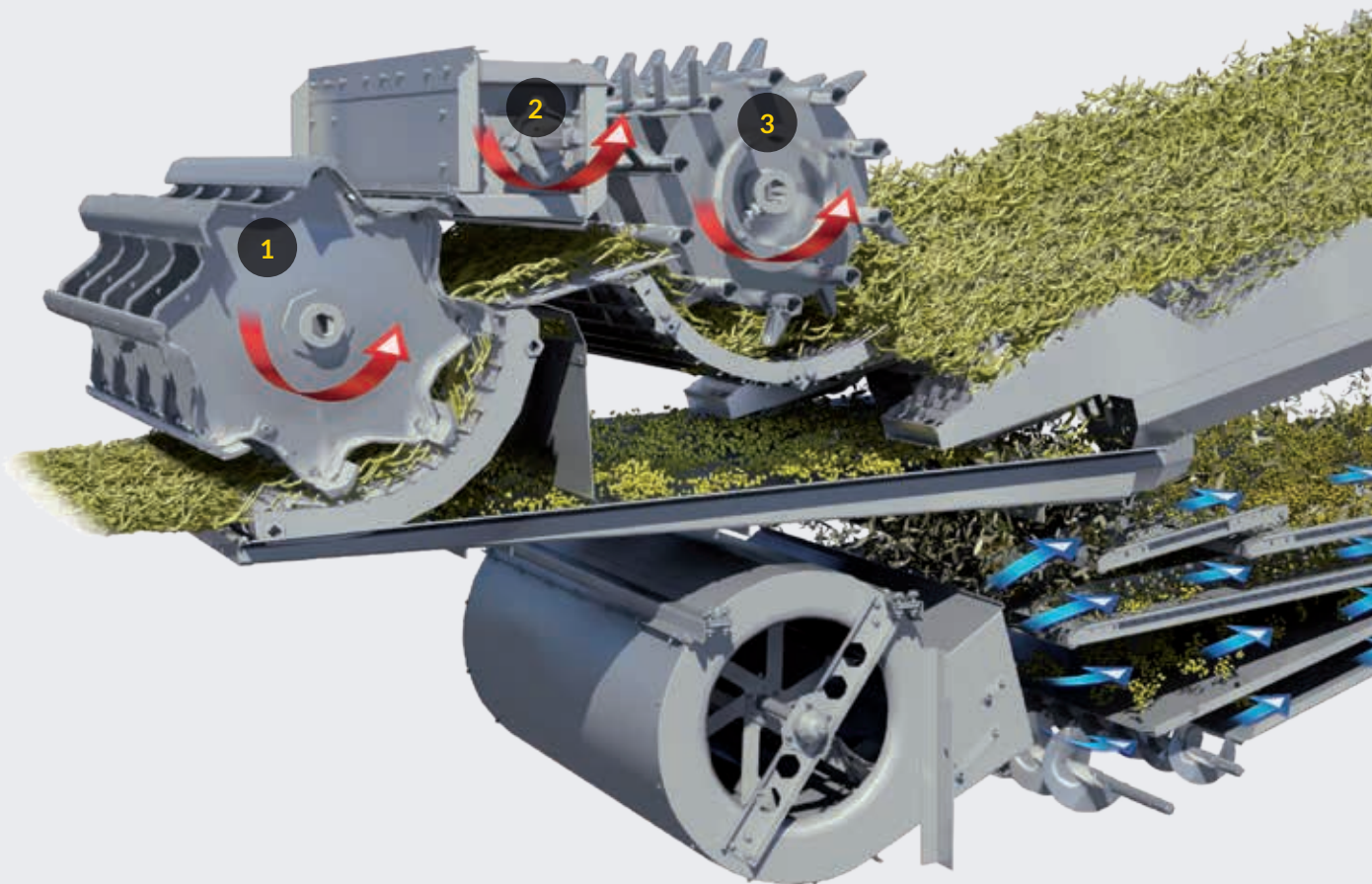
Need increased threshing performance? With the Rotary Separator option you have a more aggressive forced separation system, ideally suited to high throughput in heavy crops.

Impressive threshing with unbroken kernels

The rubbing action created by the 60cm diameter drum gently but effectively removes the grain kernels from the ears of the crop. The concave wrap angle is a generous 111 degrees, delivering 0.83m² of concave threshing for optimum efficiency.

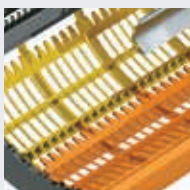
Multi-Thresh for optimised concave setting

The New Holland Multi-Thresh system helps ensure the concave position is optimised to suit the crop and prevailing conditions. By making subtle changes to the concave, threshing efficiency is maintained as moisture values and other variables alter during the day.

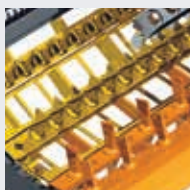




Std. Drum
& Small grain concave



Std. Drum
& Std Maize concave



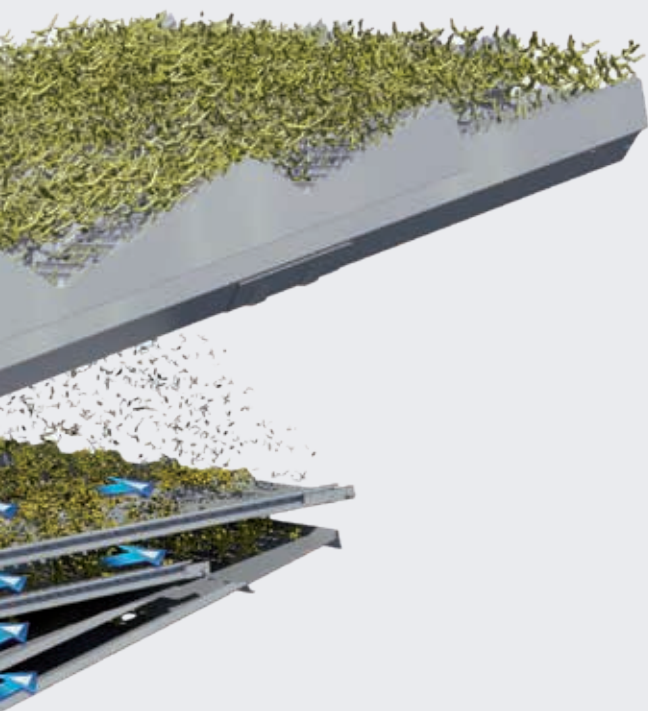
Spike Drum
& Rice concave

A concave to suit your crops

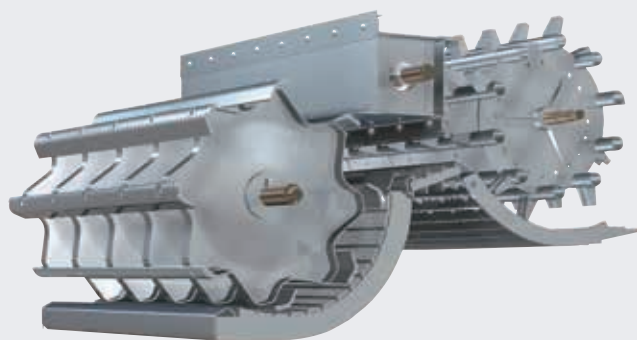
New Holland can supply a choice of concave types to suit specific crops to include maize and rice.

Five strawwalker efficiency for final separation

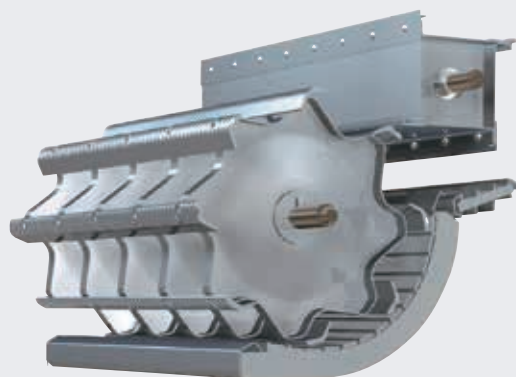
Five strawwalkers have a separation area of 6.69m² (6.49m² on Rotary Separator combines). Their closed bottom design adds strength and life-long reliability and ensures even delivery of separated grain to the grain pan when working on side slopes.



with Rotary Separator



without Rotary Separator



Boosting throughput the New Holland way

The powered separation of a threshing system is **ten times** more efficient than strawwalkers, especially in green straw conditions. This is why New Holland invented the 'second drum' Rotary Separator system.

Offered as an option across all TC models, the Rotary Separator increases the powered separation area from 1.18m² to 1.81m², the extra concave, additional rubbing and directional changes boosting separation efficiency.

This is the ideal configuration for demanding crops and conditions.

1. Main threshing drum
2. Beater
3. Rotary separator

Clean samples, even across sloping terrain

Working over sloping terrain? New Holland has the answer with its Smart Sieve™ with Opti-Fan™ option. Designed to minimise crop losses and enhance cleaning across slopes of up to 25%, Smart Sieve™ works completely automatically, delivering consistent sample quality day in, day out. For level land, the standard fixed cleaning shoe system features a steeply sloping 450mm long pre-sieve in addition to a top and bottom sieve for a generous total cleaning area of 4.32m². TC combines match productivity with the ability to deliver exceptional sample quality.



Double cascade cleaning shoe

Increasing the overall cleaning action, a 450mm pre-sieve, with a steep slope and an additional air blast, removes large volumes of chaff and short straw ahead of the main sieves. This reduces the load on the main cleaning systems to ensure enhanced cleaning even when throughput is optimised.

Fingertip sieve control

As crop conditions change during the day, the operator can adjust the sieves from the cab with optional remote sieve adjustment.

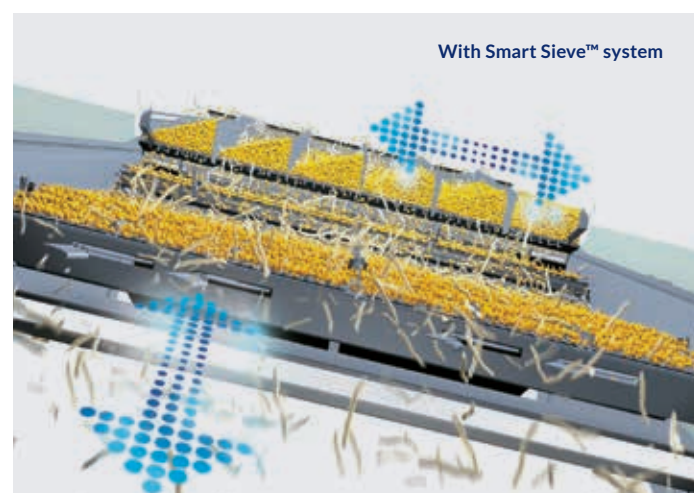
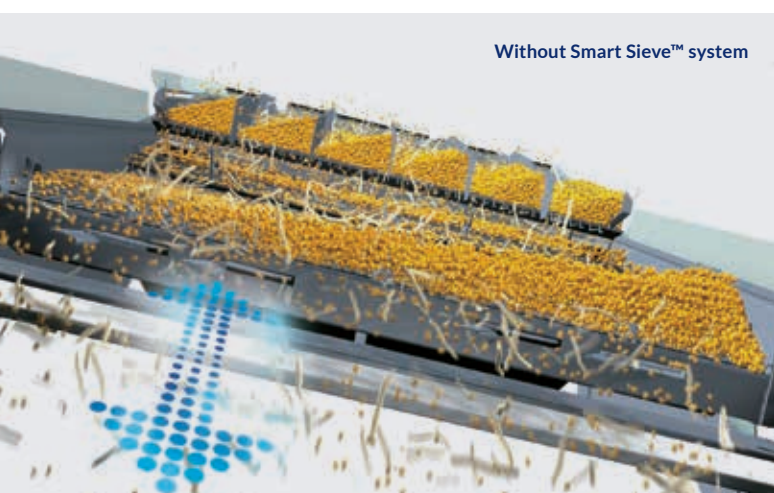
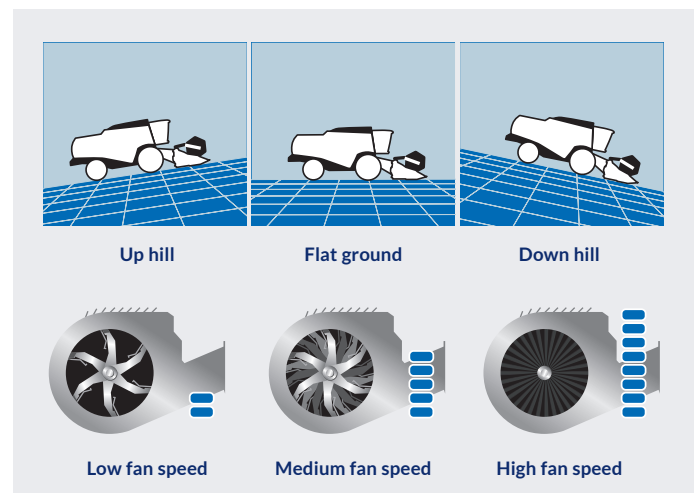




Smart Sieve™ and Opti-Fan™ really is smart

The Smart Sieve™ system automatically adjusts the sieve action to compensate for side slopes, increasing lateral movement to guide the grain so it lies in an even layer across the sieve.

The award-winning Opti-Fan™ system corrects fluctuations in the speed of grain flow across the cleaning shoe. Whether working up-hill or down-hill, the fan speed automatically adapts to the direction and to the degree of the slope, increasing overall cleaning efficiency by up to 30% in heavy conditions.



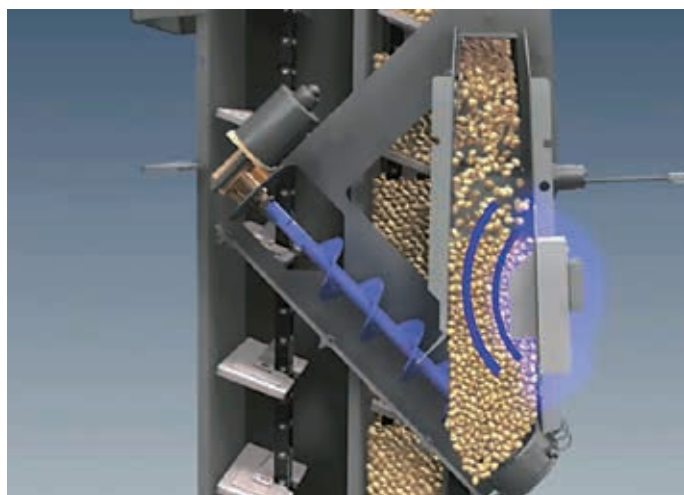
High capacity grain tanks matched to fast unloading

A key harvest frustration is to have a full grain tank with no trailer support. With a 5200 litre tank on the TC5.70 and 6400 litres on the TC5.90, TC series combines have the capacity to keep working for longer. And when the trailer does arrive, the tanks can be emptied in under 2 minutes.



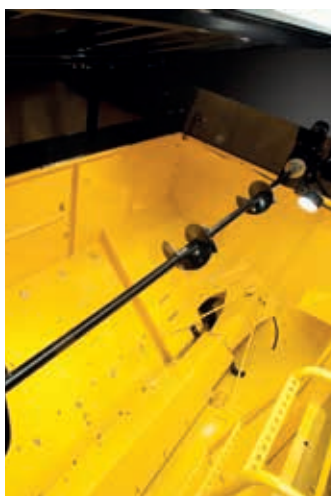
Improved under-auger clearance

Modern high-sided grain trailers can be filled quickly from a TC combine, while the operator gets a great view of the unloading process. With a rated capacity of 72 litres per second, the unloading augers empty the grain tank fast, helping speed up your harvest.



Advanced moisture sensor

Newly developed for the TC, the grain moisture sensor is both more accurate and responsive. From the cab you can manage how incoming crops are handled with a reduced need for off-combine sampling.



Larger, user friendly grain tanks

TC combines have grain tank capacity increased to 6400 litres on larger models. The grain tank lid has also been redesigned to offer easy opening and closing from the cab platform.

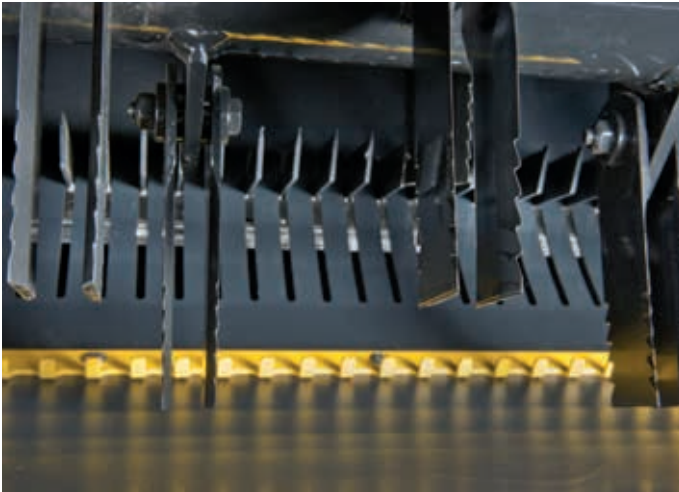


A better view of your harvest

With a large viewing window in the cab, it is easy to see into the grain tank for a quick visual check of the crop.

Chop or bale, we've got it covered

Gentle residue management is a core TC combine feature, the straw swath produced by these models suits all types of baler. For those who do not wish to bale, a fully integrated Dual-Chop™ straw chopper is available. This will produce a fine chop to help speed the breakdown of residues. High quality bales or fine chopping, the choice is yours.



Dual-Chop™ precision

Activated from a switch in the cab, the fully integrated Dual-Chop™ straw chopper can produce very finely chopped straw by means of an extra rake that prevents long straw from escaping. Adjustable vanes alter the spread of chopped material, with remote adjustment as an option.

This enables the operator to adjust the spread pattern adjacent to the headland and to compensate for strong winds.



Chaff spread whether you chop or bale

An even spread of chaff is of great benefit post harvest. Highly efficient chaff spreaders are fitted to all TC models, and work independently when leaving a swath or chopping.



Airy swath

Drying air can reach the heart of a TC straw swath, a key benefit when baling. Adjustable fingers allow the size and shape of the swath to be adjusted.

Harvest Suite™ Comfort Cab

Each new generation of New Holland TC combine has benefitted from developments to enhance operator comfort. With the all-new Harvest Suite™ Comfort Cab, the New TC range takes a step into a new chapter in operator comfort. Quieter, with class leading visibility, the new cab is more spacious and better equipped. Of equal importance, the CommandGrip™ handle introduces the next generation of controller to this combine sector.

Turnable ladder

The turnable ladder speeds access to the cab without getting in the way when not needed. To simplify daily cleaning, a new compressed air outlet is now fitted under the ladder.

Air suspended seat

The high comfort, air suspended seat automatically adjusts to the operator's weight. The standard folding instructor seat is fully padded, allowing a second person to sit in the cab.





Cab coolbox

Integrated into the cab is a large portable 30L, 12V coolbox.

Light control panel

The new LCP panel contains all the buttons for the various work and road lights on the machine.

Centrally positioned and easily accessible

The operator sits over the centre of the header, an enormous 5.64m² of glass area ensures fantastic visibility over the work being done as well as to the sides. To facilitate access and cab cleaning, it is now possible to open the right door.

Stay connected

Bluetooth and MP3 connectivity enables operators to keep in touch and bring their entertainment with them.



Vibration isolation

Mounted on rubber isolation blocks, the cab separates the operator from the workings of the combine.

Auto temp control

With Auto Temp Control, the operator sets the desired in-cab temperature once and it is then automatically maintained.



New Holland logic based on customer feedback

Over generations of tractors, forage harvesters and combines, New Holland has used customer feedback to refine and improve its controls. TC series combines are right at the top of the latest innovative thinking. Initially unfamiliar buttons quickly identify their function, and logical positioning placing the most used features at the operator's fingertips.



CommandGrip™ handle

New Holland has designed the CommandGrip handle so it provides access only to those functions you need when operating the combine. This means operators quickly get used to the grip and how to use the buttons, allowing them to concentrate on the work at hand.

Integrated console

All functions that are not required on the CommandGrip™ handle are placed on the integrated side-console, those functions that are the most used are positioned so they are easy to reach.

The entire console adjusts to suit individual preferences.

1. Emergency Stop (Header and Unloading)
2. Reel speed and header reverser
3. Unloading auger position
4. Unloading auger engagement
5. Two speed header lift and lower system and header lateral float
6. Reel position and Varifeed™ knife or flip-up maize header with shift button
7. Automatic header height activation
8. Header width correction
9. Header Height memory
10. Shift Button (Behind)
11. [Function not specified in text]
12. [Function not specified in text]
13. [Function not specified in text]
14. [Function not specified in text]
15. [Function not specified in text]



- 11. Ground Speed Unlock (behind)
- 12. Header and feeder engagement
- 13. Engine throttle
- 14. Threshing engagement
- 15. Threshing drum speed
- 16. Concave position
- 17. Cleaning Fan speed
- 18. Upper sieve (optional)
- 19. Lower sieve (optional)
- 20. Chopper remote deflectors (optional)



- 1. Machine vitals: fuel level, engine temperature and alarms
- 2. LCD screen displaying combine status
- 3. LCD screen displaying combine settings
- 4. Touch key pad to navigate through the previous screens and menus

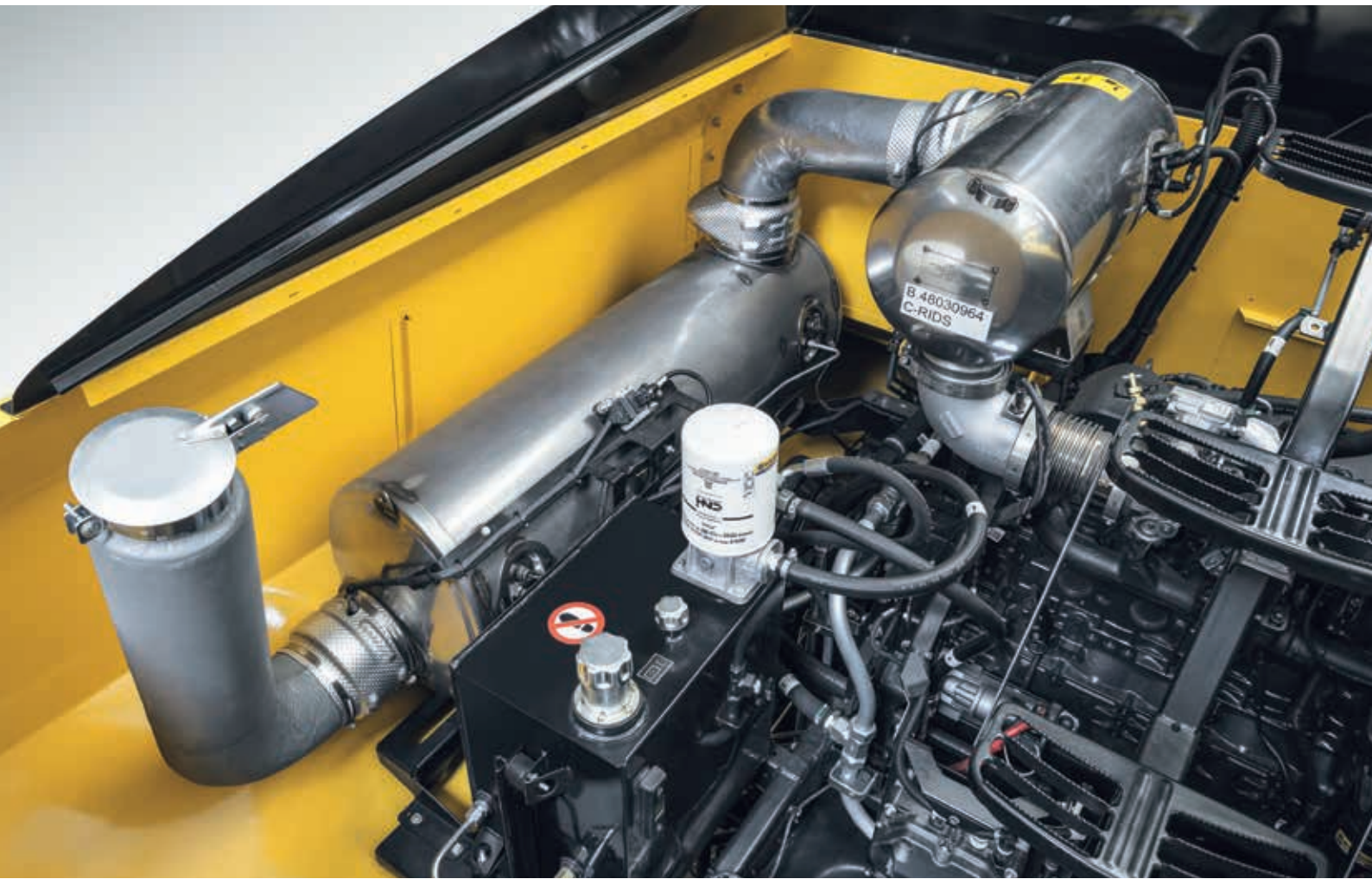
InfoView™ II

With its simplified interface, InfoView™ II is designed to ease setting up various functions from the combine cab, and also to show information that is of genuine use to the operator.

A winning combination

The TC range of combines benefits from the productivity enhancing features of FPT Industrial 4.5L & 6.7L NEF engines equipped with ECOBlue™ HI-eSCR 2 technology for Stage V compliance. Through the Clean Energy Leader strategy, New Holland is committed to making agriculture more efficient while respecting the environment.

The proven ECOBlue™ technology uses AdBlue to transform the harmful nitrogen oxides contained in the exhaust gas into harmless water and nitrogen. This after-treatment system is separate from the engine which means the engine only breathes clean, fresh air. This means clean running power units that offer improved performance and enhanced fuel economy.



ECOBlue™ HI-eSCR 2 explained

An evolution of the existing ECOBlue™ SCR system, you will benefit from the highest NOx conversion efficiency in the industry.

This multi-patented system uses a new Engine Control Unit, which not only manages the engine, but also the HI-eSCR 2 after treatment system, by controlling the supply and dosing modules.

Using a dedicated closed loop system, it continuously monitors the NOx levels in the exhaust gases, ensuring that during every cycle the precise amount of AdBlue is injected to achieve NOx conversion of over 95%, all while guaranteeing low fluid consumption.



ECOBlue

HI-eSCR2



AdBlue with no added hassle

AdBlue is a water and urea mix that is added to the exhaust gases to make them harmless. Available through your New Holland dealer, you will be able to store AdBlue on your farm in a container size that suits your needs.

Just fill up your TC's 72 litre AdBlue tank every other time you fill up with diesel.



Strong drivelines, versatile transmissions

All TC models have the proven drivelines for operation in the toughest conditions. The large drum generates high inertia and stores energy to effectively smooth-out peak loads. To eliminate torque loads, the gearbox is mounted to a heavy traction beam and drives the final reduction gearboxes through two high-speed shafts. TC5.90 models can work with 6-row maize headers and can be specified with reinforced drivelines with two PTO shafts: one left and one right.



Reduced width for easier travel

On five strawwalker models, the main axle beam has been shortened by 47mm to give a reduced overall transport width. On the new TC4.90 model, transport width is below 3m, thereby reducing problems associated with field gateways and narrow lanes.

Differential lock and powered rear axle for all conditions

The optional differential lock and powered rear axle, available on all models, can greatly improve productivity during the occasional difficult season. Both systems are activated from the cab allowing you to keep going where others fail.



Rely on a sustained power supply

The in-line cooling system fan is located between the rotary dust screen and the radiator.

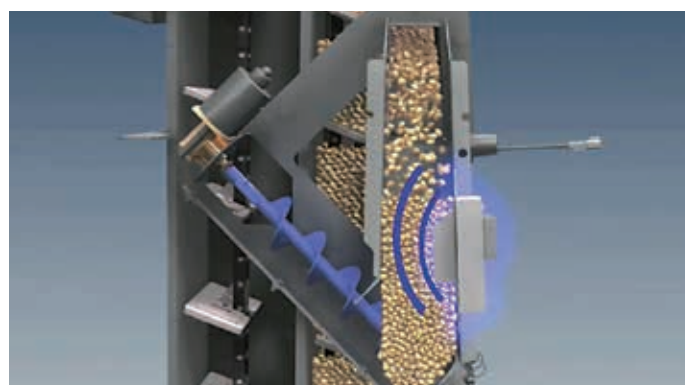
The self-cleaning screen eliminates chaff and large particles before the powerful seven blade fan blows air through the radiator. The system helps eliminate radiator plugging, keeps the engine compartment clean and provides optimum cooling in all conditions.



Your affordable access to precision farming practice

Reduced inputs can go hand in hand with increased yields.

This is part of the thinking behind precision farming, a practice that makes use of site specific crop data to influence subsequent seed and fertiliser applications. TC combine models are factory ready to receive a range of different systems to support precision farming.



Yield and moisture sensors

Patented and exclusive to New Holland, the optional yield and moisture sensors not only deliver exceptional accuracy, they do not need to be re-calibrated when switching between different crops.

The moisture sensor is mounted on the grain elevator where it regularly samples harvested grain, and the optical yield sensor is mounted inside the Clean Grain Elevator.

TC4.90. Compact combining

The TC4.90 model is at the pinnacle of four strawwalker combine development, never has so much technology and comfort been combined into such a small package. Borrowing the same features and technology as its bigger brothers, the TC4.90 offers high performance and productivity for small and mid sized businesses, where compact dimensions and field accessibility are key factors.



1. 175hp, 4 cylinder Stage V engine
2. 5000L grain tank
3. Rotary Separator option
4. Harvest Suite™ Comfort Cab
5. Moisture sensor
6. Remote concave adjustment
7. Less than 3m transport width
8. 3 speed Hydrostatic transmission
9. Double Cascade cleaning shoe
10. Smart Sieve™

Extreme farming? TC5.90 Hillside is the answer

The all new TC5.90 Hillside combine is the result of New Holland's unrivalled experience in the design and development of combines for use in steep hillside conditions. Available in narrow or wide configurations, it is able to operate safely and efficiently on side slopes of up to 38%, downhill at up to 10% and uphill at up to 30%. The revamped Hillside model also boasts a 6400 litre graintank, larger tyres and a longer and stronger feeder housing, combined with a new rear levelling system and Autofloat™ II header height control. Operator comfort is assured thanks to the spacious Harvest Suite™ Comfort cab.





Self-levelling for level land performance

Terrain sensors fitted to the TC5.90 Hillside detect field deviations from level. Linked to advanced electro-magnetic control valves, the sensors direct levelling data to two independent hydraulic systems, one for lateral side slope and the other for longitudinal rear lift correction.

The levelling system seamlessly keeps the combine body near to the horizontal, enhancing operator security and comfort while also minimising crop losses.

Clean shaving

Now available with High Capacity and Heavy Duty Varifeed™ headers to perfectly follow the ground contours.

Two hydraulic cylinders permanently adapt the angle of the header which is mounted on the pivoting straw elevator front frame.

A smooth crop transfer ensures a consistent combine performance.



Reserve power, rugged transmissions

The TC5.90 Hillside engine produces up to 258hp and the heavy-duty hydrostatic transmission provides peace of mind in demanding fields. Powerful disc brakes are fitted for extra security and can be used if the hydrostatic drive is disengaged.

A powered rear axle is available.

Narrow or wide version

Two versions of the TC5.90 Hillside are available, choose between the 3.5m narrow version for maximum roadability, or the 4m wide version for maximum stability.





Models	TC5.90 Hillside Narrow	TC5.90 Hillside Wide
Uphill compensation	30%	
Downhill compensation	10%	
Lateral compensation	30%	38%

Better feeding

The redesigned feeder housing is now longer and stronger, with a wider opening and increased lift capacity and lateral float capacity to handle headers weighing up to 2 tonnes.

Standardised headers

Thanks to improved drive geometry, new TC Hillside combines are now compatible with standard High Capacity and Heavy Duty Varifeed™ headers on selected widths.

New Holland Aftersales Products and Services

Make a quality choice when you choose New Holland. Start your journey with us and our network and count on a wide range of quality products and professional services available and next to you season after season.

GENUINE PARTS

Top performance guaranteed at all times

Committed to keeping your machines in top condition for like-new performance, New Holland offers a wide range of Genuine Parts, manufactured to the same high standards and with the same high-quality components used in new machines.

Genuine Parts are the result of a certified supply chain and stringent tests on the conformity, the reliability and the durability, to ensure consistently high levels of safety and performance over time.



REMAN PARTS

Recommended for your ageing New Holland machine

Choosing the Reman range means embracing our circular product lifecycle approach with the certainty that the components fitted to your machine will be as efficient as new.

Thanks to the unrivalled know-how acquired over the last decades, New Holland is the ideal partner for such a complex and sophisticated industrial process, sustainably remanufacturing the essential components of your machine to the highest standards, guaranteeing as good as new quality at an affordable price.

ACCESSORIES

Tailored to your farming

Every day, New Holland implement solutions that make your machine unique and reliable, covering every single demand.

From safety to productivity, from comfort to power, the complete range of accessories is adapted to your specific activities, as single items or in kits set up by your New Holland dealer.

Ambra lubricants

With the right lubricants, you can protect your machine, minimise maintenance and downtime and boost your performance.

Ambra lubricants line, engineered by Petronas specifically for New Holland machines, is our recommended choice.

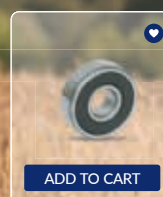
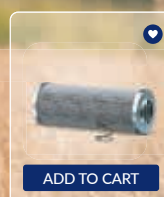


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GENUINE  PARTS



UPTIME SERVICE

Developed by New Holland, Uptime Service is the new, professional and flexible Planned Maintenance Programme designed to make it easier for you to manage long term routine maintenance.

Planned Maintenance is a key factor to keep your equipment in good shape, maximising the performance and the uptime through scheduled operations carried out by professional New Holland Dealer' technicians, using only genuine parts and lubricants.

Connected Services



New Holland FieldOps™ is the Telematics Portal to stay constantly connected with your equipment from the comfort of your office. With New Holland FieldOps™ you can monitor the locations and the usage of your fleets, manage precision farming operations, get the Dealer's remote support 24/7 and much more.

New Holland technicians operating in the Dealer's IntelliCentre, remotely monitor the connected machines preventing possible failures before they even occur.

UPTIME SUPPORT

In high season, our Uptime Support experts are ready to support 24/7 as soon as your assistance request is recorded.

Together with your New Holland dealer, we do everything possible to provide the quickest and most effective support, until the matter is fixed and you are back in your field! You can activate Uptime Support through the Top Service phone number or MyNH App.

UPTIME WARRANTY

With Uptime Warranty you are assured that all possible failures will be professionally fixed by specialised New Holland Dealer's technicians and you won't need to pay for anything, keeping operating costs under control.

Uptime Warranty is the New Holland extended warranty program offering maximum protection, minimum cost and highest resale value.

Included on TC range



New Holland Uptime Pack – All the best services in one pack

Uptime Pack group together the best of New Holland aftersales services in different packages designed to maximise uptime, improve operational safety, keep costs under control and increase productivity. There are three levels of support for our customer: Uptime Pack Basic, Uptime Pack Plus and Uptime Pack Premium.



Farm with peace of mind



Maximise your uptime



Stay connected with your farming



Increase your productivity



New Holland Style

Want to make New Holland a part of your everyday life? Browse the comprehensive selection on 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.

Models	TC4.90	TC5.70	TC5.90	TC5.90 Hillside
Grain header				
Cutting width				
High-Capacity grain header (m)	3.96 - 4.57 - 5.18 - 6.10****		3.96 - 4.57 - 5.18 - 6.10 - 7.32 - 9.14*****	5.18 - 6.10
High-Capacity rice header (m)	5.18			-
Heavy Duty Varifeed™ grain header (575mm of knife travel) (m)	-		4.88 - 5.48 - 6.10 - 6.70 - 7.62*****	5.48
Knife speed (cuts/min)	1150			
Spare knife and spare bolted knife sections	●			
Feeding auger with full-width retractable fingers	●			
Reel diameter (m)	1.07			
Electro-hydraulic reel position adjustment	●			
Instant tine angle adjustment	●			
Headland routine sensors	○			
Fast coupler	●			
Maize headers				
Heavy duty driveline (L+R-PTO + 2HC)	○			-
Number of rows:				
Rigid maize headers	5		5 / 6	-
Flip-up maize headers	-		6	-
Rotary dividers	○			-
Header control systems				
Stubble height control	●			
Compensation	●			○
Controlfloat™ system	●			-
Autofloat™ II system	-		○	●
Straw elevator				
Number of chains	3			
Header and elevator reverser	Electrical			
Lateral flotation	-		○	
Conveyor Hillside	-			●
Cab				
Suspended cab	●			
Air-suspension seat	●			
Instructor's seat	●			
Coolbox	○			
Air-conditioning	●			
Heating	○			
Automatic temperature control	○			
Remote controls for header, threshing and unloading engagement	●			
Turnable stairs	●			
Optimum cab noise level - 77/311EEC [dB(A)]	74			
Vibration level (ISO 2631) (m/s ²)	0.26			
Threshing drum				
Width (m)	1.05		1.30	
Diameter (m)	0.607			
Number of bars	8			
Speed range (rpm)	417 - 1037			
Drum concave				
Area (m ²)	0.62		0.79	
Number of bars	14			
Angle of wrap (°)	111			
Concave adjustment	Electrical			
Beater				
Four paddle	●			
Rake area (less Rotary Separator) / concave area (with Rotary Separator) (m ²)	0.318 / 0.16		0.396 / 0.2	
Rotary Separator	○			●
Diameter (m)	0.605			
Speed (rpm)	740 or 388			
Concave area (including rake) (m ²)	0.67		0.83	
Adjustable concave	●			
Total forced separation area (with Rotary Separator / less Rotary Separator) (m ²)	1.45 / 0.95		1.81 / 1.18	
Strawwalkers				
Number	4		5	
Separation area with Rotary Separator (m ²)	3.5		4.68	
Separation area (less Rotary Separator) (m ²)	4.41		5.51	
Total separation area (with Rotary Separator / less Rotary Separator) (m ²)	5.19 / 5.35		6.49 / 6.69	
Cleaning				
Total sieve area under wind control (Fixe cleaning shoe / Smart Sieve™) (m ²)	3.44 / 3.38		4.32 / 4.23	
Cascaded cleaning shoe with extra pre-sieve	●			
Pre-sieve	●			
Smart Sieve™ self levelling: cleaning system automatic kernel size adaptation	●			-
Side slope correction on Pre- and Top-sieve (%)	25			
Cleaning fan				
Number of blades	6			
Speed range (rpm)	340 - 970			
Electrical speed adjustment from the cab	●			
Opti-Fan™	Only with Smart Sieve™			-
Return system				
Return system to drum	●			
Returns indication on monitor	●			

Models	TC4.90	TC5.70	TC5.90	TC5.90 Hillside
Grain elevator				
High capacity grain elevator with heavy duty chain & flaps			●	
Moisture sensor			○	
Graintank capacity (l)	5000	5200		6400
Unloading auger				
In-line unloading			●	
Automatic full swing-out of unloading tube			●	
Unloading speed (l/s)			72	
Unloading auger swivel reach (°)			90	
Unloading tube 3,85m			●	
Unloading tube 4,25m	-		○	-
Grain sample inspection door			●	
Graintank full warning device			○	
Engine				
Type	4 cylinders Nef (4.5L)*		6 cylinders Nef (6.7L)*	
Compliance with emission level			Stage V	
ECObLue™ HI-eSCR 2 system (Selective Catalytic Reduction)			●	
Approved Biodiesel blend			B7**	
Injection system			Common rail	
Gross power ECE R120 (2100rpm) [kW/hp(CV)]	125/170			175/238
Maximum power ECE R120 (@2000rpm) [kW/hp(CV)]	129/175			190/258
Air compressor kit	-			○
Fuel tank				
Capacity (l)	300			400
Transmission				
Type	Hydrostatic			
Gearbox	3-speed			
Differential lock		○		-
Powered rear axle		○		●
Residue management				
Integrated straw chopper			○	
Dual-Chop™ Installed in chopper			●	
Remote adjustable deflectors	-		○	-
Weights				
Full option version (less header, with chopper, with spreader, 90% fueled) (kg)	8640	9554	10528	12905***

● Standard ○ Optional - Not available

* Developed by FPT Industrial

** Biodiesel blend must fully comply with the latest fuel specification EN14214:2009 and operation is in accordance with operator manual guidelines

*** Wide version, 620/75R30, 2WD, no spreader

**** 3rd lift cylinder is obligatory, only on light crops

***** 3rd cylinder is obligatory, only for light crops, Lateral Float Feeder Required



Models (depending on the tyre size)	TC4.90	TC5.70	TC5.90	TC5.90 Hillside
Dimensions				
A Minimum width (Hillside Narrow / Hillside Wide) (mm)	2943	3146	3267	3500 / 4000
B Maximum length without header, with chopper (mm)		8298		8680



New Holland prefers **Ambra** lubricants



www.newholland.com/uk - www.newholland.com/ie



The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications. BTS Adv. - Printed in Italy - 03/25 - (Turin) - 242006/INB