

NEW HOLLAND T8



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The New Holland T8 range is the result of many years research and development to meet the requirements of today's farm business. All T8 models are powered by the proven 8.7l Cursor 9 engine and available with either the Ultra Command™ Powershift or Auto Command™ CVT transmissions. A long wheelbase ensures T8 is easy to ballast while, thanks to the front axle design, provides excellent manoeuvrability at the headland.

Cursor 9

The 8.7l Cursor 9 engine developed in house by FPT Industrial, New Holland's engine partner, features a high pressure common rail fuel injection system. Engine Power Management (EPM) is standard and provides more power when conditions demand in either PTO, Hydraulic or transport modes.

Cab & Comfort

The T8 operator environment is a quiet (68dba) and ergonomic place to work. The easy to use SideWinder™ II armrest and CommandGrip™ handle has everything to operate the tractor within easy reach. T8 is also available with front axle and cab suspension that ensures maximum productivity for the operator in the field.





Precision Land Management

Precision Land Management (PLM) is New Holland's guidance solution. All T8 models can be equipped PLM Ready or Complete from factory or with the option to complete later through New Holland parts. T8 models are ISOBUS compatible and ready to accept implements using this protocol.

PLM Connect is New Holland's telematics system and allows the farm business to monitor and manage T8 productivity from the farm office.

IntelliTurn™ is available on all T8 models. IntelliTurn™ utilizes NHDive technology to intelligently turn T8, automatically calculating and executing end-of-row turns, without the need for manual steering.

Hydraulics & Rear Linkage

Heavy draft tractors need the rear lift capacity to raise heavy mounted equipment. New Holland T8 models meet this challenge with a lift capacity of up to 10,927kg. All models come with advanced and easy to set up Headland Turn Sequencing, HTS. This feature is designed to reduce fatigue and to ensure headland turn manoeuvres can be completed quickly.

To meet the demand of high capacity planting equipment there are three T8 hydraulic options that satisfy the biggest of implements. Choose between Standard, Hi-flow and Mega-flow options.

Axles

T8 delivers its power through a rear axle that shares common components with the larger T9 range. Designed to be robust, the 120 inch bar axle is ideal for transmitting torque to the large dual wheels which are available with the latest IF tyre technology.

The SmartTrax™ system is an option on the larger T8.410 and T8.435 models with a variety of track belt widths (450mm - 760mm) and track gauge (2.23m to 3.00m).

Transmission

Ultra Command™ powershift features Ground Speed Management (GSM) with Auto Field and Road modes. GSM optimises the performance and economy between the Cursor 9 engine and Ultra Command driveline in heavy draft work. GSM gives you the flexibility of a CVT with the efficiency of a Powershift.

The Auto Command™ CVT is ideal for speed sensitive tasks and a variety of operations from field to road work.

Auto Command™ features four operating modes: Auto, Cruise, Manual and PTO and is one of the most efficient CVT models on the market, with four points of 100% mechanical efficiency, three aimed at field work and one for transport.

New Holland T8

T8.350

T8.380

T8.410

T8.435

Engine*	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9
No. of cylinders / Aspiration / Valves	6 / WGT / 4	6 / WGT / 4	6 / eVGT / 4	6 / eVGT / 4
Compliant with engine emissions regulations	Tier 2B	Tier 2B	Tier 2B	Tier 2B
Capacity (cm ³)	8700	8700	8700	8700
Max. EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	258/351	281/381	301/409	320/435
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	232/315	255/347	275/374	307/417
Rated EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	232/315	255/347	276/375	305/415
Rated horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]	206/280	229/311	250/340	279/380
Rated engine speed (rpm)	2000	2000	2000	2000
Max. torque - ISO TR14396 @ 1300 - 1400rpm (Nm)	1558	1708	1800	1850
Torque rise Standard / EPM (%)	40 / 41	40 / 40	40 / 37	39 / 27
Diesel capacity Auto Command (Litres)	609	609	609	609
Diesel capacity Ultra Command (Litres)	647	647	647	-
Service interval (hours)	600	600	600	600
Ultra Command™ full-powershift transmission				
IntelliShift™ system	Std.	Std.	Std.	N/A
Ground Speed Management system (GSM)	Std.	Std.	Std.	N/A
18 x 4 Ultra Command™ full-powershift (40kph)	Std.	Std.	Std.	N/A
Min. speed (kph)	3,34	3,34	3,51	N/A
19 x 4 Ultra Command™ full-powershift (40kph eCO or 50kph)	Opt.	Opt.	Opt.	N/A
Min. speed (kph)	3,34	3,34	3,51	N/A
23 x 6 Ultra Command™ full-powershift (40kph with Creeper)	Opt.	Opt.	Opt.	N/A
Min. speed (kph)	0,97	0,97	1,02	N/A
Auto Command™ Continuously Variable Transmission				
Auto Command™ Continuously Variable Transmission (40 kph eCO)	Opt.	Opt.	Opt.	Std.
Min. speed / Max. speed @ 1400rpm (kph)	0.03 / 40	0.03 / 40	0.03 / 40	0.03 / 40
Auto Command™ Continuously Variable Transmission (50kph)	Opt.	Opt.	Opt.	Opt.
Min. speed / Max. speed @ 1725rpm (kph)	0.03 / 50	0.03 / 50	0.03 / 50	0.03 / 50
Axles				
SmartTrax™ rear tracks	N/A	N/A	Opt.	Opt.
Terraglide™ front axle suspension	Opt.	Opt.	Opt.	Opt.
Turning radius with Standard / Terraglide™ front axle (mm)	4970 / 4970	4970 / 4970	4970 / 4970	4970 / 4970
SmartTrax turning radius with Standard / Terraglide™ front axle (88 track width setting) (mm)	N/A	N/A	6858	6858
Terralock™ Automatic Differential lock functions	Std.	Std.	Std.	Std.
Bar axle - rear	Std.	Std.	Std.	N/A
Heavy-duty bar rear axle	N/A	N/A	Opt.	Std.
Hydraulics				
Closed Centre Load Sensing (CCLS)	Std.	Std.	Std.	Std.
Standard/HiFlow/ MegaFlow™ pump (flow available at couplers) Ultra Command™ (Lpm)	160 / 221 / 282	160 / 221 / 282	160 / 221 / 282	N/A
Standard/HiFlow/MegaFlow™ pump (flow available at couplers) Auto Command™ (Lpm)	160 / 217 / 274	160 / 217 / 274	160 / 217 / 274	160 / 217 / 274
Electronic Draft Control (EDC)	Std.	Std.	Std.	Std.
Remote valves				
Type	Electro hydraulic	Electro hydraulic	Electro hydraulic	Electro hydraulic
Max. no. rear valves	6	6	6	6
Linkage				
Rear linkage category	III / IIIN	III / IIIN	IVN / III	IVN / III
Max. lift capacity at ball ends (kg)	8843	9705	10927	10927
Front linkage category	II	II	II	II
Front linkage lift capacity (610mm in front of ball ends) (kg)	5810	5810	5810	5810
PTO				
Auto Soft Start	Std.	Std.	Std.	Std.
Engine speed at: 540 / 1000rpm (rpm)	1804	1804	1804	1804
Auto PTO management	Std.	Std.	Std.	Std.
Front PTO (1000rpm)	Opt.	Opt.	Opt.	Opt.
Brakes				
Exhaust brake	Opt.	Opt.	Opt.	Opt.
Hydraulic trailer brakes	Opt.	Opt.	Opt.	Opt.
Pneumatic trailer braking system	Opt.	Opt.	Opt.	Opt.
Cab				
Cab with FOPS - OECD code 10 level 1	Std.	Std.	Std.	Std.
Cab category level - EN 15695	2	2	2	2
HID/LED lighting pack	Opt.	Opt.	Opt.	Opt.
Auto Comfort™ seat with seat belt	Opt.	Opt.	Opt.	Opt.
Auto Comfort™ leather seat with seat belt	Opt.	Opt.	Opt.	Opt.
Automatic climate control	Std.	Std.	Std.	Std.
Comfort Ride™ cab suspension	Opt.	Opt.	Opt.	Opt.
IntelliView™ IV colour monitor with ISO 11783 connector	Std.	Std.	Std.	Std.
IntelliSteer® guidance ready	Opt.	Opt.	Opt.	Opt.
PLM® Connect Telematics	Opt.	Opt.	Opt.	Opt.
Optimum cab noise level - 77/311 EEC [dB(A)]	68	68	69	69
Factory fit rotating beacons (1 / 2)	Opt.	Opt.	Opt.	Opt.
Weights				
Minimum unballasted weights: Std. front axle/including SmartTrax™ (kg)	10840	10.840	10,915 /16,300	12,514 /16,300
Terraglide™ suspended front axle / including SmartTrax (kg)	11360	11360	11,440 /16,500	13,039 /16,500
Max. permissible weight at 50kph*** (Wheeled T8) (kg)	17500	17500	18000	18000
Max. permissible weight at 40kph (T8 SmartTrax) (kg)	-	-	20000	20000



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