

T8 RANGE

T8.320 | T8.350 | T8.380 | T8.410 | T8.435



Making everything possible and even more.

More power and productivity

T8 tractors are among the most powerful conventional tractors in the world. The new, range topping T8.435 model, together with the entire line-up is equipped with a state of the art Cursor 9 power plant. All models benefit from Engine Power Management which offers more power in demanding hydraulic, PTO and transport applications; up to a full 71hp(CV) of EPM is available on the T8.350. The entire range is available either guidance ready or guidance complete to further increase your productivity and profitability.

Absolute driving pleasure

New Holland's SideWinder™ II armrest makes the T8 range intuitive to operate for reduced fatigue. All key functions are immediately recognizable and are perfectly placed for fingertip control. The 67dB(A) whisper quiet cab is the most spacious in its segment and offers uninterrupted 360° visibility. Comfort Ride™ cab suspension ensures the smoothest ride even on the roughest terrain.

Maximum versatility

The long wheel base guarantees outstanding stability on the road and in the field, when combined with exceptional manoeuvrability the T8 is perfectly at home in both traditional, heavy draft applications, as well as performing high speed transport and secondary cultivation tasks. Choose between the Ultra Command, the most powerful full-powershift in the business, or the Auto Command™ transmission for unsurpassed CVT operation. The fully integrated front linkage and PTO mean that a full range of front mounted implements can be fitted and powered.

Lower operating cost

The renowned Ground Speed Management feature makes the Ultra Command the most economical full-powershift on the market. The Auto Command™ transmission will further reduce operating costs by ensuring the highest levels of engine and transmission efficiency. Throw in long service intervals and a reduced carbon footprint, and owning the T8 has never been kinder on the pocket.



SPECIFICATIONS

Models		T8.320	T8.350	T8.380	T8.410	T8.435
Engine*		FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9
No. of cylinders / Aspiration / Valves		6 / WT / 4	6 / WT / 4	6 / WT / 4	6 / eVGT / 4	6 / eVGT / 4
Compliant with engine emissions regulations		Tier 2 / 4b	Tier 2 / 4b	Tier 2 / 4b	Tier 2 / 4b	Tier 2 / 4b
Fuel system - High pressure Common Rail		●	●	●	●	●
Capacity (cm ³)		8700	8700	8700	8700	8700
Bore and Stroke (mm)		117x135	117x135	117x135	117x135	117x135
Approved biodiesel blend**		B7	B7	B7	B7	B7
Max. EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]		235/320	258/351	281/381	301/409	311/423
Max. horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]		209/284	232/315	255/347	275/374	307/417
Rated EPM horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]		210/286	232/315	255/347	276/375	296/402
Rated horsepower - ISO TR14396 - ECE R120 [kW/hp(CV)]		184/250	206/280	229/311	250/340	279/380
Rated engine speed (rpm)		2000	2000	2000	2000	2000
Max. torque - ISO TR14396 @ 1300 - 1400rpm (Nm)		1407	1558	1708	1800	1850
Torque rise Standard / EPM (%)		40 / 40	40 / 41	40 / 40	40 / 37	36 / 29
Viscous coupled cooling fan		●	●	●	●	●
Earth friendly engine oil filter		●	●	●	●	●
Exhaust brake		○	○	○	○	○
Diesel capacity Auto Command (Litres)		609	609	609	609	609
Diesel capacity Ultra Command (Litres)		647	647	647	647	-
Diesel capacity T8 SmartTrax™ (Litres)		-	-	670	670	670
Service interval (hours)		600	600	600	600	600
Ultra Command™ full-powershift transmission						
IntelliShift™ system		●	●	●	●	-
Ground Speed Management system (GSM)		●	●	●	●	-
18 x 4 Ultra Command™ full-powershift (40kph)						
Min. speed (kph)		3.35	3.34	3.34	3.51	-
19 x 4 Ultra Command™ full-powershift (40kph ECO or 50kph)						
Min. speed (kph)		3.35	3.34	3.34	3.51	-
23 x 6 Ultra Command™ full-powershift (40kph with Creeper)						
Min. speed (kph)		0.98	0.97	0.97	1.02	-
Auto Command™ Continuously Variable Transmission						
Active StopStart function		●	●	●	●	●
Force base propulsion control		●	●	●	●	●
Auto Command™ Continuously Variable Transmission (40kph ECO)						
Min. speed / Max. speed @ 1400rpm (kph)		0.03 / 40	0.03 / 40	0.03 / 40	0.03 / 40	0.03 / 40
Auto Command™ Continuously Variable Transmission (50kph)						
Min. speed / Max. speed @ 1725rpm (kph)		0.03 / 50	0.03 / 50	0.03 / 50	0.03 / 50	0.03 / 50
Electrical						
12 volt alternator (Amps)		200	200	200	200	200
Battery capacity (CCA)		1900	1900	1900	1900	1900
Axles						
SmartTrax™ rear tracks		-	-	-	○	○
4WD front axle		●	●	●	●	●
Terraglide™ front axle suspension		○	○	○	○	○
Steering angle Standard / Terraglide™ front axle (°)		55 / 55	55 / 55	55 / 55	55 / 55	55 / 55
Turning radius with Standard / Terraglide™ front axle (mm)		4970 / 4970	4970 / 4970	4970 / 4970	4970 / 4970	4970 / 4970
SmartTrax turning radius with Standard / Terraglide™ front axle (88 track width setting) (mm)		-	-	-	6858	6858
Terralock™ functions		●	●	●	●	●
Dynamic front fenders		○	○	○	○	○
Bar rear axle		●	●	●	●	●
Heavy-duty bar rear axle		-	-	-	○	●
Hydraulics						
Closed Centre Load Sensing (CCLS)		●	●	●	●	●
Standard/MegaFlow™ pump (flow available at couplers) Ultra Command™ (Lpm)		157 / 279	157 / 279	157 / 279	157 / 279	-
Standard/MegaFlow™ pump (flow available at couplers) Auto Command™ (Lpm)		157 / 271	157 / 271	157 / 271	157 / 271	157 / 271
Electronic Draft Control (EDC)		●	●	●	●	●
Remote valves						
Type		Electro hydraulic	Electro hydraulic	Electro hydraulic	Electro hydraulic	Electro hydraulic
Max. no. rear valves		6	6	6	6	6
Joystick control		○	○	○	○	○
Linkage						
Rear linkage category		III / IIIN	III / IIIN	III / IIIN	IVN / III	IVN / III
Max. lift capacity at ball ends (kg)		8843	8843	9705	10927	10927
Front linkage category		II	II	II	II	II
Front linkage lift capacity [610mm in front of ball ends] (kg)		5810	5810	5810	5810	5810

● 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

SPECIFICATIONS

Models	T8.320	T8.350	T8.380	T8.410	T8.435
PTO					
Auto Soft Start	●	●	●	●	●
Engine speed at: 540 / 1000rpm (rpm)	1804	1804	1804	1804	1804
Auto PTO management	●	●	●	●	●
Front PTO (1000rpm)	○	○	○	○	○
Brakes					
Exhaust brake	○	○	○	○	○
Electronic park brake	●	●	●	●	●
Hydraulic trailer brakes	○	○	○	○	○
Pneumatic trailer braking system	○	○	○	○	○
Cab					
Cab with FOPS - OECD code 10 level 1	●	●	●	●	●
Cab category level - EN 15695	2	2	2	2	2
High visibility RHS window	●	●	●	●	●
HID/LED lighting pack	○	○	○	○	○
Auto Comfort™ seat with seat belt	○	○	○	○	○
Auto Comfort™ leather seat with seat belt	○	○	○	○	○
Instructors seat with seat belt	○	○	○	○	○
Luxury Pack (Leather steering wheel and carpet)	○	○	○	○	○
SideWinder™ II armrest	●	●	●	●	●
CommandGrip™ handle	●	●	●	●	●
Electronic adjustment of SideWinder™ II armrest	●	●	●	●	●
Air conditioning	●	●	●	●	●
Automatic climate control	●	●	●	●	●
Air recirculation filters	●	●	●	●	●
MP3 Radio	○	○	○	○	○
MP3 Bluetooth Radio (hands free phone calls)	○	○	○	○	○
Electronic remotely adjustable mirrors with wide angle lens	●	●	●	●	●
Comfort Ride™ cab suspension	○	○	○	○	○
Headland Turn Sequencing (HTS)	●	●	●	●	●
Fender mounted external controls	●	●	●	●	●
A pillar Performance Monitor with enhanced key pad	●	●	●	●	●
IntelliView™ IV colour monitor with ISO 11783 connector	●	●	●	●	●
IntelliSteer® guidance ready	○	○	○	○	○
PLM® Connect Telematics	○	○	○	○	○
Optimum cab noise level - 77/311 EEC [dB(A)]	67	68	68	69	69
Factory fit rotating beacons (1 / 2)	○	○	○	○	○
Weights					
Minimum unballasted weights: Std. front axle/including SmartTrax™ (kg)	10,715	10,840	10,840 / 16,300	10,915 / 16,300	12,514 / 16,300
Terraglide™ suspended front axle / including SmartTrax (kg)	11,235	11,360	11,360 / 16,500	11,440 / 16,500	13,039 / 16,500
Max. permissible weight at 50kph (Wheeled T8) (kg)	17,500	17,500	17,500	18,000	18,000
Max. permissible weight at 40kph (T8 SmartTrax) (kg)	-	-	20,000	20,000	20,000

● Standard ○ Optional - Not available

Dimensions

With rear tyre / track size ^(A)	620/70R42	710/70R42	900/60R42 ^(B)	40.6cm SmartTrax	45.7cm SmartTrax	61cm SmartTrax	76.2cm SmartTrax
Overall length inc. weight pack and rear linkage (mm)	6247	6247	6477	6606	6606	6606	6606
Min. width (mm)	2534	2534	2534	2787	2787	2787	2997
Height at centre of rear axle to top of cab (mm)	2475	2475	2475	2472	2472	2472	2472
Overall height (mm)	3338	3407	3435	3450	3450	3450	3450
Wheelbase Ultra Command / Auto Command (mm)	3450 / 3500	3450 / 3500	3550	3550 / 3550	3550 / 3550	3550 / 3550	3550 / 3550
Track width (min. / max.) (mm)	1727 / 2235	1727 / 2235	1727 / 2237	1930 / 3860	1930 / 3860	1930 / 3860	2235 / 3860
Ground clearance (depends on hitch or tow hook) (mm)	378	364	409	441	441	441	441

^(A) Rear tyres other than those mentioned are available: 650/85R38, 710/70R38, 800/70R38, 710/75R42, 900/60R38 ^(B) Ultra Command model only when fitted with Heavy-duty rear axle



www.newholland.com/za

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 - 04/18 - (Turin) - RSA8181N/INB