



NEW HOLLAND T8

T8.300 | T8.330 | T8.360 | T8.390



FIAT
INDUSTRIAL

THE FIRST AGRICULTURAL CROSSOVER

STYLISH AND STABLE, POWERFUL AND ABLE. TYPICALLY NEW HOLLAND

New Holland DNA runs through every aspect of the T8 tractor series.

A long wheelbase for stability. A quiet, spacious cab. World class ergonomics.

Modern FPT power for optimum performance and economy. Heavy duty axles

for dual wheels. High capacity hydraulics. Brilliant all-round visibility.

Great manoeuvrability. Stylish looks.



EXACTLY WHAT IT SAYS ON THE BONNET

The performance of a T8 tractor is immediately obvious to all users. How? Quite simply, it is on the bonnet. The first two digits 'T8' refer to the tractor's category and the following three, for example '390', refer to the maximum Engine Power Management horsepower. What does that mean to you? You can buy your T8 safe in the knowledge that it will be able to cope with even the most demanding applications. New Holland for ultimate productivity peace of mind.



MORE POWER AND PRODUCTIVITY

T8 tractors are the most powerful rigid tractor series available with a full powershift transmission. All models benefit from Engine Power Management which offers more power for demanding PTO, hydraulic and transport applications, with up to 50hp extra on the T8.390.



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 68dB(A) whisper quiet cab is the most spacious in its segment and offers uninterrupted 360° visibility. Optional Comfort Ride™ cab suspension ensures the smoothest ride even on the roughest terrain.



MAXIMUM VERSATILITY

Long wheelbase T8 tractors are among the lightest, most compact and manoeuvrable in their class. Built to suit heavy draft applications, they are also ideal for secondary cultivation, drilling, top dressing and transport applications. The optional integrated front linkage and PTO means that a full range of front mounted implements can be fitted and powered.



LOWER OPERATING COST

Operating costs for T8 tractors have been reduced by 17% when compared to existing Tier 3 models. This is due to improved fuel efficiency and long service intervals.

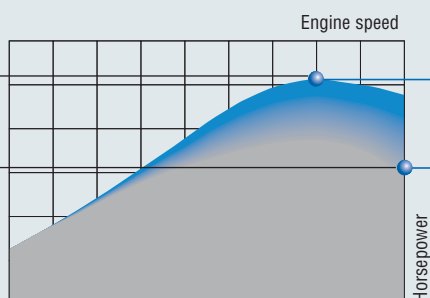


Max power with EPM [hp(CV)]

T8.300	298
T8.330	327
T8.360	357
T8.390	389

Rated power [hp(CV)]

T8.300	257
T8.330	284
T8.360	311
T8.390	340



EPM [hp(CV)]

T8.300	41
T8.330	43
T8.360	46
T8.390	49

■ EPM according to the load on transmission, PTO and hydraulics.



AT 68dB(A) THE QUIETEST AND MOST SPACIOUS CAB IN ITS CLASS

DESIGNED FOR COMFORT AND PRODUCTIVITY

The spacious, whisper quiet cab offers unparalleled 360 degrees visibility, keeping you comfortable to perform at your best. Eye-level instrumentation is easy to read at a glance, and the ergonomic design of the intuitive SideWinder II controls makes tough operations effortless.



REDUCING SHOCK LOADS AND FATIGUE

Day in, day out, the optional Comfort Ride™ cab suspension reduces shock loads reaching the operator by up to 25%. The result? Less fatigue over long working days.



NEW HOLLAND VISIBILITY

New Holland T8 tractors have a four-pillar cab design with fully glazed doors. This is perfectly matched with a slim engine hood and a compact overall design. This all combines to ensure the operator has brilliant 360° visibility.

CUSTOMISE YOUR WORKING ENVIRONMENT

Set your preferred in-cab working temperature and the automatic climate control system will maintain this setting, adjusting to suit ambient conditions.



AIR SUSPENDED AND HEATED DELUXE SEAT

The air suspended seat offers precision controlled damping, reducing shock loads before they reach the operator. The seat comes heated for optimum driver comfort in cold working conditions.



FROM DUSK TO DAWN

Cab roof, engine hood and fender worklights are easily controlled from a dedicated switch panel. The operator can set up the lights to match a broad range of applications for safer, more productive operations.

SIDEWINDER II. DESIGNED BY FARMERS, FOR FARMERS

As modern tractors offer increasingly sophisticated features there is a risk that they become more difficult to understand and operate. At New Holland we listened to customers and developed the SideWinder™ II armrest to make everything simpler. All key controls are accessed from the armrest. Throttle, transmission and hydraulics. Everything you need to control is quickly and easily accessible. More advanced features can be quickly accessed. It does not take long to master a T8 tractor.

INTELLIVIEW™ III TOUCHSCREEN.

All the information you need at a glance. Fingertip adjustment of all key settings and compatible with the New Holland IntelliSteer™ guidance system.

- Headland turn sequencing, HTS. Press to record, store and activate automated headland turn.

- Finger tip control for up to two remote valves.

- Rear linkage raise lower.

- Optional IntelliSteer™ autoguidance, automated steering engagement.

- Forward reverse shuttle switch.

- Change transmission ratio up and down.

- Ground Speed Management, GSM. Transmission and engine work together to optimise performance.



EASY ACCESS TO ADVANCED FEATURES

Push the symbol. Activate the feature. The Integrated Control Panel, ICP, makes it simple to access advanced operating features. No need to scroll through menus to set up Terralock traction management, HTS headland turn sequencing, Auto PTO or ESM Engine Speed Management.



As awarded by The Chicago Athenaeum: Museum of Architecture and Design.



- Select paddle or joystick control for remote valves 3 and 4.
- Throttle up to your desired engine speed, select Engine Speed Management, and the speed is fixed.
- Press the Headland Turn Sequencing button to record and replay the functions you use most frequently.
- Engage Terralock and it will automatically manage four-wheel drive and differential lock selection.
- Auto PTO will disengage and reengage the PTO during a headland turn.
- Three point hitch levelling and top link extension at the touch of a button.
- Multifunction joystick. The joystick can be set to operate the front linkage, or remote valves.
- Electronic remotes. Easy to reach paddles provide fingertip hydraulic operation. Flow and timing can be simply adjusted through the IntelliView™ III touch screen.
- EDC mouse. Moulded designed mouse for easy and precise lift control.
- Full access to further advanced controls under the padded armrest.
- Electronic SideWinder™ II adjustment. Move the armrest to the position that suits you.



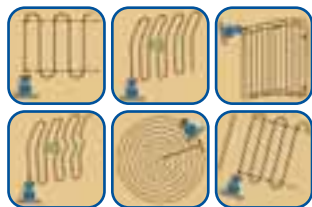
NEW HOLLAND INTELLISTEER™ AUTOMATED GUIDANCE SYSTEM TO MEET YOUR DEMANDS

ALL WIRED UP AND READY FOR YOUR NEW HOLLAND GUIDANCE SYSTEM

All New T8's come from the factory PLM ready, this means you can easily Complete your New T8 with New Holland's IntelliSteer™ Integrated Guidance System at the time of ordering or Simply with Dealer Installed Accessories (DIA) from your New Holland Dealer.

FULLY INTEGRATED INTELLISTEER™ GUIDANCE

The New Holland IntelliSteer™ ensures parallel pass to pass accuracy of your choice to meet your demands; Choose from 10-15cm (with OmniStar™ HP/XP subscription Services) or 2,5cm (with RTK Correction) for increased productivity and cost savings.



INTELLIVIEW – VISIBLE INTELLIGENCE

The IntelliView™ III Colour Touch screen monitor includes a visual interface to all of your new T8's operational parameters. The IntelliView™ III monitor allows the programming of a variety of guidance paths, from straight A-B runs to the most complex adaptive curves. You can also personalize your settings simply and easily and transfer Information from your tractor, direct to your PLM Desktop Precision Farming software.

INTEGRATED CONTROL SYSTEMS

The New Holland IntelliSteer™ System uses built in T3 terrain compensated correction signals (roll, pitch, yaw) to keep the Navigation Controller II informed of the tractor's orientation. Also integrated into the hydraulic system is a control valve which converts the signals from the Navigation Controller II into hydraulic movements of the steering system.

COST SAVINGS

The New Holland IntelliSteer™ Increases Operating Efficiencies by Reducing Skips and Overlaps to Optimise Your Inputs, and allowing for extended operation during periods of poor visibility due to dusty conditions or at night. Download your T8's performance and as applied data and run reports on your PLM Desktop Software to further analyse your cost savings.



LEVELS OF ACCURACY AND REPEATABILITY

The New Holland IntelliSteer™ is available in two accuracy options to best suit your application and your budget. With the IntelliSteer RTK system you will experience year to year repeatability, allowing for the efficient implementation of Controlled Traffic further increasing your Profitability by reducing your Input Costs.



RTK BASE STATION

An RTK base station can be used to broadcast a correction signal to achieve a pass to pass accuracy of 1-2cm.



NH 262 RECEIVER

The NH 262 receiver is capable of working with EGNOS, OmniSTAR or RTK correction. For RTK applications a slim profile radio mounts underneath the receiver.



INTELLISTEER. ON AND OFF SIMPLICITY

The CommandGrip™ handle incorporates a single button that is used to activate the IntelliSteer system. New Holland makes advanced technology accessible.



FULL LASER LEVELLING INTERFACE

The electro-hydraulic system of T8 tractors is 'plug and play' compatible with a wide range of third-party laser controlled levelling systems.

MORE ENGINE PRODUCTIVITY, LESS FUEL



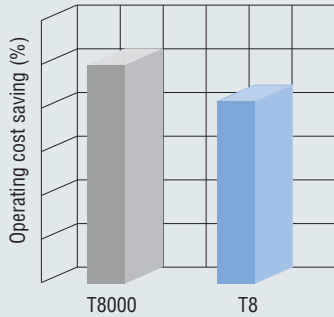
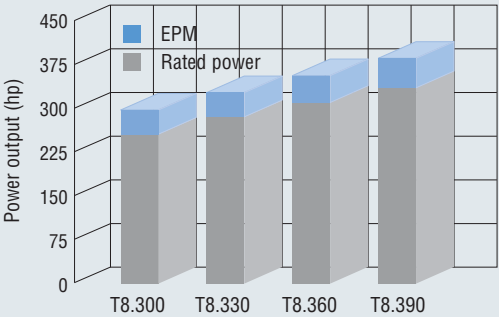
New Holland's high-horsepower diesel engines feature the groundbreaking engineering of sister company FPT. They offer the next level of performance and fuel economy, and industry-exclusive options like engine braking to reduce wear and increase control. Because New Holland wants your work to be more productive and profitable, and these engines were developed to make that happen.





ENGINE SPEED MANAGEMENT

In applications where a constant hydraulic flow or PTO speed are required, the operator can select Engine Speed Management. This will ensure this selected engine speed is constantly maintained under changing loads.



DESIGNED AND BUILT BY FPT INDUSTRIAL

Purposely developed for agriculture, the turbocharged engines of the T8 series tractors are all part of the proven New Holland efficiency package. The aim? To deliver improved power and sustained output in varying load conditions so you get all the power you need from less fuel.

PROVEN DESIGN, MODERN CONTROL

A FULL POWERSHIFT UP TO 390HP

Ultra Command™ full powershift transmissions match proven mechanical efficiency to New Holland ease of control. The result is a transmission that is really easy to set up and operate with a speed to perfectly match every application. The CommandGrip™ handle provides finger tip access to automated features, including Ground Speed Management. Choose between 18x4, 19x4 (40kph ECO) direct drive and 23x6 with creeper options. Ease of use comes as standard.



GSM. INTELLIGENT AUTOMATION

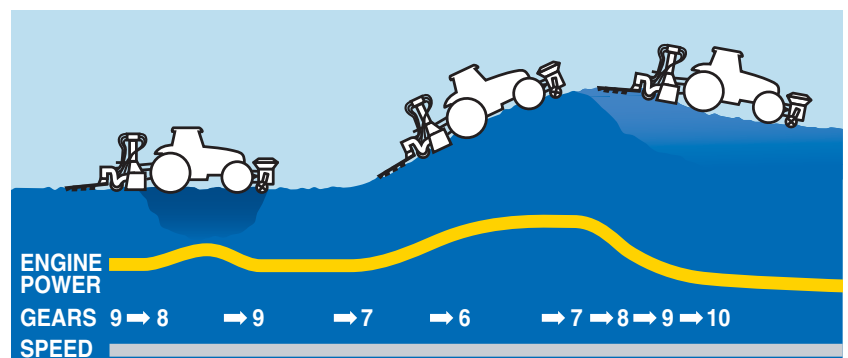
New Holland Ground Speed Management, GSM, is more than just an automated transmission shift system. With CVT-like functionality, it uses a combination of data relating to engine load, forward speed and operator setting, to manage both engine and transmission speeds to optimise performance and economy.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

FIXED FORWARD SPEED? GSM TAKES CARE OF IT

When load conditions change in the field, GSM will automatically maintain a fixed forward speed. The operator first sets the desired working speed and then selects the GSM function. The automated system will then match engine and transmission speeds to maintain this fixed forward speed, to deliver the perfect balance between maintaining productivity without compromising economy.

FULL COMMAND IN TRANSPORT

During road transport, GSM will automatically shift the transmission according to load and throttle settings. With heavy loads, GSM will downshift to assist with engine braking on steep inclines.





INTELLIVIEW III - GEAR AND SPEED AT A GLANCE

The standard IntelliView™ III display offers easy toggling between menus to display information that includes the exact engine speed and the selected transmission ratio. This information is duplicated by the 'A' pillar display, ensuring the operator always has key operating data to hand.



POWERSHUTTLE

The forward reverse shuttle is operated via the steering column or the CommandGrip™ handle fitted on the SideWinder™ II armrest. It can be programmed to automatically manage transmission shifts during a direction change to match or alter forward and reverse speeds.

LONG WHEELBASE FOR COMFORT AND AGILE PRODUCTIVITY

The new T8 range has an impressive wheelbase of 3450mm, over 400mm longer than the nearest competitor. The T8 range combines a long wheelbase with excellent manoeuvrability. Two concepts which don't normally go together in this segment. How has New Holland achieved it? Quite simply, the sculpted bonnet and tombstone enable the wheels to nip in tight to the tractor's body. A longer wheelbase means greater stability at high transport speeds, faster and more efficient minimum tillage operations and more traction for demanding heavy drawbar applications. You no longer have to choose. With New Holland, choice comes as standard.



TERRALOCK™ TRACTION MANAGEMENT

Terralock will automatically manage the engagement of drive to the front axle and the locking of the front and rear differentials. Of equal importance, the system takes care of drive during a headland turn to optimise manoeuvrability.





TRANSPORT SAFETY

Front axle brakes are balance-linked to the rear axle brakes for safe, secure and dependable braking at high transport speeds. The optional engine braking system further improves safety by helping to reduce the need for repeated braking in difficult terrain.

READY FOR MODERN DEMANDS

HEAVY MOUNTED EQUIPMENT MEETS BIG LIFT CAPACITY

With a lift capacity of up to 10200kg, a T8 series tractor has the rear linkage capacity to cope with the heaviest of rear attachments. Of equal importance, high capacity hydraulics have the power to raise the linkage quickly for a speedy headland turn. With HTS, you can set the linkage raise and lower positions as part of an automated turn sequence.



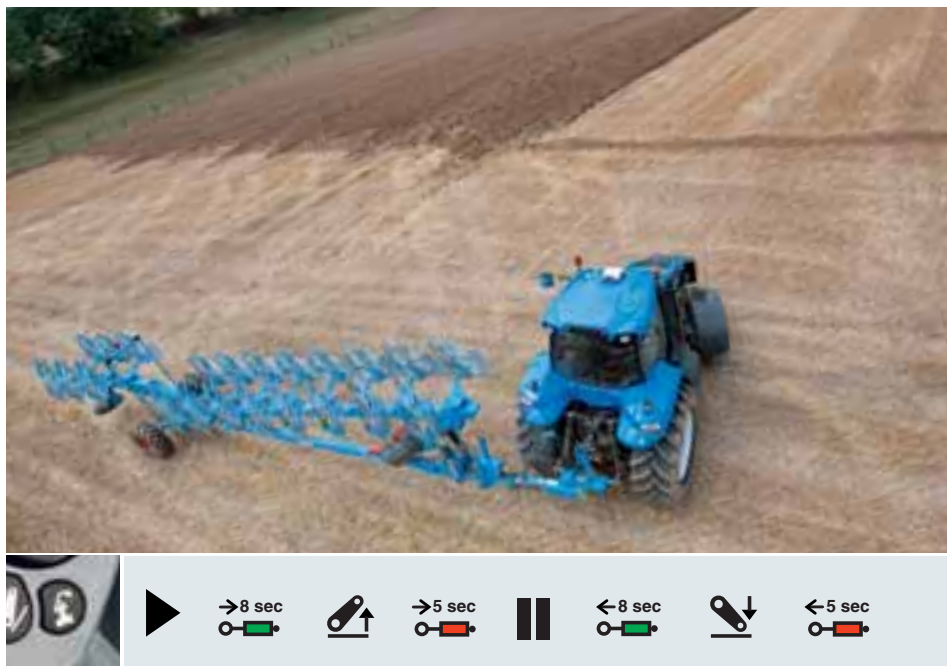
FACTORY FITTED FRONT LINKAGE AND PTO

From the outset, the T8 tractor series was designed to work with a front linkage. The slim engine hood provides excellent forward visibility. The balanced long wheelbase makes it easier to make full use of the linkage's 5810kg lift capacity. Integrated electronic front linkage controls are within easy reach of the operator.



HEADLAND TURN SEQUENCE

The Headland Turn Sequence has been refined and developed by New Holland for the ultimate in easy set-up and use. For complex applications, including operating a front linkage, HTS really can reduce operator fatigue. The operator can use HTS to manage a selection of operations but leave others to manual control. It is up to the operator. Set up is simply a case of recording the desired operations at the headland either stationary or in operation. The actions can then be repeated, automatically, by pressing a button on the CommandGrip™ handle.



FLEXIBLE BALLASTING

For optimum traction and power to the ground, ballasting your T8 is easy with a wide range of weight options to suit every application.



MORE THAN JUST A DRAFT TRACTOR

New Holland T8 tractors are designed to offer exceptional heavy draft performance. This is a key demand of tractors developing in excess of 300hp. T8 tractors are built to do a lot more. From the drawing board right through to the tractors in the field, a key aim has been to design in maximum versatility. The PTO and hydraulic package of T8 tractors is fully integrated with EPM not just to deliver massive performance, but optimum economy too. The T8 reaches rated PTO speed at reduced engine speed for maximum fuel efficiency. With New Holland T8 versatility comes as standard.



MEGAFLOW™ PUMP

Standard hydraulic flow is a generous 161 litres per minute. With an additional MegaFlow™ pump, capacity climbs to a massive 274 litres per minute. With Engine Power Management, full hydraulic capacity can be exploited in demand conditions, with up to 49hp of extra power available.



UP TO 6 ELECTRONIC REMOTES

The remote valves fitted to T8 tractors are easily identified and related to their in-cab control. The operator can access all six without having to move away from the SideWinder™ II armrest. Four colour-coded paddles and a centrally positioned joystick make it simpler to identify and work each remote with exact precision. The CommandGrip will also give access to two valves. Flow, timing and detent settings can be set to precisely match the job. Each valve can also be programmed into the Headland Sequencing system.

FLOW CONTROL USING THE INTELLIVIEW III

The IntelliView™ III touchscreen makes setting flow rates to individual valves simple. Scroll through the menus and select valve control. Choose the outlet you wish to adjust, and drag the slider with your finger to the desired setting. Job done.

360° :T8

The new T8 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 service intervals mean they will spend more time in their natural environment: the field!



BEYOND THE PRODUCT

TRAINED TO GIVE YOU THE BEST SUPPORT

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through on-line courses as well as intensive practical field based courses.

This advanced approach ensures your dealer will always have access to the skills needed to look after the latest and most advanced New Holland products.

UNLIMITED SUPPORT FOR UNLIMITED SATISFACTION

New Holland gives you all the support you need, especially during the season with fast-track solutions: because your harvest can't wait! In addition, New Holland drives and tracks the solution you need, keeping you informed: until you are 100% satisfied!



**DO NOT RISK YOUR MACHINE'S LIFE.
BUY CNH ORIGINAL PARTS!**



MODELS		T8.300	T8.330	T8.360	T8.390
New Holland Engine*		FPT Cursor 9	FPT Cursor 9	FPT Cursor 9	FPT Cursor 9
No. of Cylinders / Aspiration / Valves / Emission level		6/ WT / 4 / Tier 2**	6/ WT / 4 / Tier 2**	6/ WT / 4 / Tier 2**	6/ WT / 4 / Tier 2**
Fuel System - High Pressure Common Rail		●	●	●	●
Capacity (cm³)		8700	8700	8700	8700
Bore and Stroke (mm)		117x135	117x135	117x135	117x135
Max. EPM horsepower - ISO TR14396 - ECE R120 [kW / hp(CV)]		219 / 298	241 / 327	263 / 357	286 / 389
Max. horsepower - ISO TR14396 - ECE R120 [kW / hp(CV)]		208 / 282	230 / 312	252 / 342	275 / 373
Rated EPM horsepower - ISO TR14396 - ECE R120 [kW / hp(CV)]		216 / 293	235 / 319	255 / 346	276 / 375
Rated horsepower - ISO TR14396 - ECE R120 [kW / hp(CV)]		189 / 257	209 / 284	229 / 311	250 / 340
Rated engine speed (rpm)		2000	2000	2000	2000
Max. torque - ISO TR14396 (Nm)		1267 @ 1500	1397 @ 1500	1531 @ 1500	1671 @ 1500
Torque rise Standard / EPM (%)		40 / 23	40 / 25	40 / 26	40 / 27
Viscous coupled cooling fan		●	●	●	●
Earth friendly engine oil filter		●	●	●	●
Exhaust brake		○	○	○	○
Diesel capacity (Litres)		651	651	651	651
Service interval (hours)		600	600	600	600
Transmission					
IntelliShift™ system		●	●	●	●
Ground Speed Management system (GSM)		●	●	●	●
18 x 4 Ultra Command™ Full-Powershift (40 kph)		●	●	●	●
19 x 4 Ultra Command™ Full-Powershift (40 kph ECO)		○	○	○	○
23 x 6 Ultra Command™ Full-Powershift (40 kph with Creeper)		○	○	○	○
Electrical					
12 volt alternator (Amps)		200	200	200	200
Battery capacity (CCA)		1900	1900	1900	1900
Axles					
4WD front axle		●	●	●	●
Terraglide™ front axle suspension		○	○	○	○
Steering angle Standard / Terraglide™ front axle (°)		55 / 55	55 / 55	55 / 55	55 / 55
Terralock™ functions		●	●	●	●
Dynamic front fenders		○	○	○	○
Rear bar axle 98 inch		●	●	●	●
Rear bar axle 120 inch		○	○	○	○
Hydraulics					
Closed Centre Load Sensing (CCLS)		●	●	●	●
Main pump flow Standard / MegaFlow™ option (Lpm)		161/274	161/274	161/274	161/274
Electronic Draft Control (EDC)		●	●	●	●
Remote valves					
Type		Electro hydraulic	Electro hydraulic	Electro hydraulic	Electro hydraulic
Max. no. rear valves		6	6	6	6
Joystick control		○	○	○	○
Linkage					
Rear linkage category		III/IIIN	III/IIIN	III/IIIN	IVN / III
Max. lift capacity at ball ends (kg)		9130	9130	10200	10200
Max. lift capacity through the range (610mm behind ball ends) (kg)		6710	6710	7420	7420
Front linkage category		II	II	II	II
Front linkage lift capacity at ball ends (through the range) (kg)		5810	5810	5810	5810
PTO					
Auto Soft Start		●	●	●	●
Engine speed at: 540 / 1000 rpm (rpm)		1804	1804	1804	1804
Auto PTO management		●	●	●	●
Front PTO (1000rpm)		○	○	○	○
Brakes					
Exhaust brake		○	○	○	○
Electronic park brake		●	●	●	●
Hydraulic trailer brakes		○	○	○	○
Optional pneumatic trailer braking system		○	○	○	○
Optional pneumatic and Hydraulic trailer braking system		○	○	○	○

MODELS		T8.300	T8.330	T8.360	T8.390
Cab					
Cab with FOPS - OECD code 10 level 1		●	●	●	●
Cab category level - EN 15695		2	2	2	2
High visibility RHS window		●	●	●	●
HID lighting pack		○	○	○	○
Auto Comfort™ seat with seat belt		○	○	○	○
Auto Comfort™ leather seat with seat belt		○	○	○	○
SideWinder™ II armrest		●	●	●	●
CommandGrip™ handle		●	●	●	●
Electronic adjustment of SideWinder™ II armrest		●	●	●	●
Air conditioning		●	●	●	●
Automatic climate control		●	●	●	●
Air recirculation filters		●	●	●	●
MP3 radio with weather channel		○	○	○	○
Electronic remotely adjustable mirrors		○	○	○	○
Comfort Ride™ cab suspension		○	○	○	○
Headland Turn Sequence (HTS)		●	●	●	●
Fender mounted external controls		●	●	●	●
A pillar Performance Monitor with enhanced key pad		●	●	●	●
IntelliView™ III colour monitor with ISO 11783 connector		●	●	●	●
IntelliSteer™ guidance ready		○	○	○	○
Optimum cab noise level - 77/311 EEC	[dB(A)]	68	69	69	69
Factory fit rotating beacons (1 / 2)		○	○	○	○
Weights					
Minimum unballasted / shipping weights					
Standard front axle	(kg)	10675	10890	10890	10890
Terraglide™ suspended front axle	(kg)	11010	11315	11315	11315
Max. permissible weight at 50kph	(kg)	17500	18000	18000	18000

● Standard ○ Optional – Not available * Developed by FPT Industrial ** Tier 4 available where legislation requires



MODELS		T8.300	T8.330	T8.360	T8.390
Dimensions					
With rear tyre size		650/85R38	710/70R38	710/70R42	800/70R38
A Overall length inc. weight pack and rear linkage	(mm)	6369	6369	6369	6369
B Min. width	(mm)	2534	2534	2534	2534
C Height at centre of rear axle to top of cab	(mm)	2468	2468	2468	2468
D Overall height	(mm)	3267	3325	3376	3368
E Wheelbase	(mm)	3450	3450	3450	3450
F Track width (min. / max.)	(mm)	1727/2235	1727/2235	1727/2235	1727/2235
G Ground clearance (depends on hitch or tow hook)	(mm)	306	364	415	407

NEW HOLLAND. A REAL SPECIALIST IN YOUR AGRICULTURAL BUSINESS.



YOUR SUCCESS - OUR SPECIALTY



INTERNATIONAL

Visit our website: www.newholland.com - Send us an e-mail: International@cnh.com

AT YOUR OWN DEALER

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 CNH INTERNATIONAL SA. Communications & Advertising. Bts Adv. - Printed in Italy - 05/11 - TP01 - (Turin) - IR1102N/INB