

T7 HEAVY DUTY

WITH PLM INTELLIGENCE™



THE POWER OF INTELLIGENCE

T7.275 HD | T7.2905 HD | T7.315 HD



PLM
NEW HOLLAND INTELLIGENCE

WELCOME TO THE WORLD OF INTELLIGENT FARMING WITH THE T7 HEAVY DUTY WITH PLM INTELLIGENCE™ TECHNOLOGY

The new T7 Heavy Duty with PLM Intelligence™ tractor series builds on the legacy of its acclaimed T7 tractor family, expanding and reinforcing all the critical areas that determine the success of modern agricultural operations, to deliver the all-round top performance and comfort levels demanded by today's largest contractors and arable farmers.

AN IDEAL PACKAGE CHOICE FOR YOUR OPERATION

NOISE 66dBA is an impressive value made possible by the new robotically welded cab frame and how it's isolated from the tractor's driveline. Noise quality has also been targeted resulting in upgrades to transmission components.

CLIMATE The new Horizon™ Ultra cab has not become the quietest tractor cab in the industry by accident. From the start of the project protecting the driver from the external environment was centre of our engineers attention.

VIBRATION Isolating the driver from the daily rigours of working on fields and tracks is taken care of with the standard Terraglide™ front axle suspension and the Comfort Ride™ cab suspension and finally the most comprehensive selection of driver's seats.

CLIMATE CONTROL Twin blower fans can deliver up to 650m³ of air for very rapid cool down times, while 5 selectable zones allows the air to be directed around the driver. All controlled from the armrest keypad or IntelliView™ 12 monitor. Heated mirrors, front and rear screens can be all linked to the single demist button.

FRONT AXLE SUSPENSION The Terraglide™ saddle type suspension with 3 levels of ride control absorbs the shocks while providing precise steering control for road haulage tasks.

SEAT CHOICE The comprehensive choice of seats available allows the driver to select the level of technology they require. The Auto Comfort™ seat includes a cooling moisture extraction system and multi stage heating.

NEW HORIZON™ ULTRA CAB The original Horizon™ 4 pillar cab set new benchmarks in the industry when it was launched. This new Horizon™ Ultra cab design is all about space. Creating more space for the operator internally with an enlarged frame. More storage space with integrated and open areas and a clearer vision of the space around the tractor with more glass area and uncluttered surfaces.

MULTIPLE POWER LOCATIONS AND OPTIONS The main connection panel, located in the right rear corner of the cab, contains ISOBUS, camera and power connectors. Multiple USB charging points, DC power output and additional power sockets are logically located around the cab. For example, by the foot throttle is a 12V output, to power the optional carryout cool box.

NEW SIDEWINDER™ ULTRA ARMRESTL The 25 year evolution of the SideWinder™ continues. The new SideWinder Ultra armrest with fully configurable controls delivers a true jump on and drive experience, thanks to sophisticated features that are easy and intuitive to access and use. Throttle, transmission, hydraulics, draft, autoguidance. Everything you need to control is intuitively selected and ready to deliver.



T7 Heavy Duty Models	T7.275 HD	T7.290 HD	T7.315 HD
Engine*			
Engine	New Holland / FPT NEF Stage V		
No. of cylinders / Aspiration / Valves	6 / eVGT / 4	6 / eVGT / 4	6 / eVGT / 4
Compliant with engine emissions regulations	Stage V	Stage V	Stage V
ECObLue™ HI-eSCR 2 system (Selective Catalytic Reduction)	I	I	I
Approved biodiesel blend**	B7	B7	B7
Capacity (cm³)	6728	6728	6728
Max. horsepower - ISO TR14396- ECE R120 (hp /kW)	273 / 201	288 / 212	313 / 230
Rated horsepower - ISO TR14396- ECE R120 (hp /kW)	250 / 184	270 / 199	300 / 221
Rated engine speed (rpm)	2100	2100	2100
Max. torque ISO TR14396 (Nm)	1173 @ 1400rpm	1194 @ 1400rpm	1282 @ 1400rpm
Torque rise %	40	32	28
Variable Pitch and Reversible fan	O	O	O
Exhaust brake	O	O	O
Diesel tank capacity Standard (L)	601		
AdBlue tank capacity (L)	96		
Service interval (hours)	750		
Transmission			
Auto Command™ Continuously Variable Transmission	I	I	I
Preset and Custom transmission aggressiveness settings	I	I	I
Active StopStart function	I	I	I
Force base propulsion control	O	O	O
Austom Command™ Speed range (kph)	0.03 / 50	0.03 / 50	0.03 / 50
Axles			
Terraglide™ front axle suspension	I	I	I
Steering angle	55	55	55
Terralock™ functions (Auto Diff. lock / Auto 4WD)	I	I	I
CustomSteer™ system	O	O	O
Bar rear axle	I	I	I
Turning radius with Terraglide™ suspension front axle	5700	5700	5700
Hydraulics			
Closed Centre Load Sensing (CCLS)	I	I	I
Main pump (kph)	165	220	220
Remote valves			
Max. no. rear valves	5	5	5
Advanced configurable joystick control	I	I	I
Max. no. mid mount valves	3	3	3
Customisable remote configuration	I	I	I
Linkage			
Max. lift capacity at ball ends (kg)	11058	11058	11058
Max. lift capacity through the range (610mm behind ball ends) (kg)	10305	10305	10305
Front linkage lift capacity at ball ends (kg)	6016	6016	6016
PTO			
Rear PTO Engine speed at 540 / 540E / 1000 / 1000E	1871 / 1598 / 1853 / 1583	1871 / 1598 / 1853 / 1583	1871 / 1598 / 1853 / 1583
Auto PTO management	I	I	I
Front two speed PTO (1000rpm)	O	O	O
Front PTO engine speed at 1000 / 1000E	1886 / 1585	1886 / 1585	1886 / 1585
Brakes			
Hydraulic trailer brakes	I	I	I
Pneumatic trailer braking system	O	O	O
Intelligent Trailer Brake system	O	O	O
PLM Intelligence™ system - Field - Onboard Systems			
SideWinder™ Ultra armrest	I	I	I
CommandGrip™ handle	I	I	I
IntelliView™ 12 colour monitor	I	I	I
InfoView™ instrument cluster	I	I	I
CentreView™ steering display	O	O	O
IntelliSteer® guidance ready	O	O	O
PLM® Cygnus receiver (PLM1, PLM2, PLM3 & PLM RTK)	O	O	O

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IntelliTurn Headland Turn Sequencing II (HTS II) system	I	I	I
ISOBUS Class III with Speed Control	I	I	I
Fleet - Offboard Systems			
MyPLM®Connect Professional telematics	I	I	I
New Holland Remote Assistance (Software Update & Service Tool)	I	I	I
IntelliView™ Connect remote display view	I	I	I
Cab			
Four pillar 360° Horizon™ Ultra cab with FOPS	I	I	I
Roof mounted LED lights	14	14	14
Belt and Hood lighting	10	10	10
LED road lights	I	I	I
Comfort Ride™ cab suspension	I	I	I
Dynamic Comfort™ heated seat, carpet, leather steering wheel	I	I	I
Auto Comfort™ Active Climate Control, carpet, leather steering wheel	O	O	O
Tinted rear window	I	I	I
Blue Power Package: Metallic Blue, branded seats and carpet	O	O	O
Instructors seat with seat belt	I	I	I
170° front hood mounted and cab pillar rear facing cameras	O	O	O
Electronic remotely adjustable mirrors with wide angle lens	I	I	I
Electrically extendable heated mirrors	O	O	O
Remote locking and immobiliser	O	O	O
Push button engine start/stop	O	O	O
Auto climate control with zone Control	I	I	I
Integrated cab storage solutions	I	I	I
Cooled compartment	I	I	I
DAB Radio with Bluetooth	I	I	I
Integrated phone microphone	I	I	I
Standard power ports	I	I	I
ISOBUS 9 Pin In-Cab Port	I	I	I
AC power outlet and additional USB	O	O	O
Fender mounted external remote valve control	I	I	I
Fender mounted external engine control functions	I	I	I
External air line connection	O	O	O
Optimum cab noise level - 77/311EEC (dB)	66	66	66
Large portable coolbox	O	O	O
Factory fit rotating LED beacons (2)	I	I	I
Weights & Dimensions			
Minimum unballasted / shipping weights (kg)	10500	10500	10500
Typical working weight (kg)	10500 - 12500	10500 - 12500	10500 - 12500
Max. permissible weight at 50kph (Class 4) (kg)	16800	16800	16800
Maximum overall length inc. front and rear linkage (mm)	5700		
Minimum width across rear fenders (mm)	2548		
Height at centre of rear axle to top of Cab / Exhaust (mm)	2368 / 2372		
Wheelbase (mm)	2995		

I Standard O 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

The data indicated in this folder are approximate. The models described here can be modified without the manufacturer's notice. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please get in touch with our Dealer Network for any further information. Published by CNH Industrial. Printed for New Zealand - 11/22 - NZ/1002



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