

T7 Heavy Duty Models

T7.290 HD

T7.315 HD

New Holland engine*		Nef	Nef
No. of cylinders / Aspiration / Valves		6 / eVGT / 4	6 / eVGT / 4
Compliant with engine emissions regulations		Stage V	Stage V
ECOBlue™ HI-eSCR 2 system (Selective Catalytic Reduction)		●	●
Fuel system - High pressure Common Rail		●	●
Approved biodiesel blend**		B7	B7
Capacity	cu. in (cu. cm)	410.57 (6728)	410.57 (6728)
Bore and Stroke	in (mm)	4.09x 5.2 (104x132)	4.09x 5.2 (104x132)
Max. horsepower - ISO TR 14396- ECE R120	kW/hp (CV)	212/290 (291.99)	230/313 (317.34)
Rated horsepower - ISO TR 14396- ECE R120	kW/hp (CV)	199/270 (273.75)	221/300 (304.161)
Torque rise	%	32	28
Reversible fan		○	○
Rated engine speed	(rpm)	2100	2100
Max. torque ISO TR 14396	ft-lb (Nm)	880.65 (1194) @ 1400rpm	945.55 (1282) @ 1400rpm
Diesel tank capacity Standard	gal (L)	166.43 (630)	166.43 (630)
AdBlue tank capacity	gal (L)	25.36 (96)	25.36 (96)
Service interval	hours	750	750
Auto Command™ Continuously Variable Transmission			
3 Transmission aggressiveness settings		●	●
Active StopStart function		●	●
Force base propulsion control		●	●
Auto Command™ Continuously Variable Transmission (31mph/50kph ECO)		●	●
Min. speed / Max. speed	mph (kph)	0.03 / 31(50) @ 1600rpm	0.03 / 31(50) @ 1600rpm
Electrical			
12 Volt alternator Standard	amps	200	200
Battery capacity	CCA / Ah	1700 / 136	1700 / 136
Axles			
Terraglide™ front axle suspension		●	●
Steering angle	degrees	55	55
Terralock™ functions (Auto Diff lock / Auto 4WD)		●	●
CustomSteer™ system		○	○
Hydraulics			
Closed Centre Load Sensing (CCLS)		●	●
Main pump flow Standard / MegaFlow™ option	gpm (Lpm)	43.59(165) / 58.12(220)	43.59(165) / 58.12(220)
Remote valves			
Max. no. rear valves		5	5
Joystick control		○	○
Max. no. mid mount valves		3	3
Front remotes via a mid mount valve		○	○
Customisable remote configuration		●	●
Linkage			
Max. lift capacity at ball ends	lbs (kg)	26526 (12032)	26526 (12032)
PTO			
Auto Soft Start		●	●
Rear PTO Engine speed at 540 / 540E / 1000 / 1000E	rpm	1930 / 1598 / 1853 / 1583	1930 / 1598 / 1853 / 1583
Front two speed PTO (1000rpm)		○	○
Front PTO Engine speed at 1000 / 1000E		1890 / 1585	1890 / 1585
Brakes			
Electro Hydraulic park brake		●	●
Optional ABS braking system		○	○
Intelligent Trailer Brake system		○	○
Optional ABS SuperSteer™ system		○	○

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PLM Intelligence™ system			●	●
IntelliView™ 12 color monitor			●	●
SideWinder™ Ultra armrest			●	●
CommandGrip™ handle			●	●
InfoView™ instrument cluster			●	●
CenterView™ Steering Display			○	○
IntelliSteer® guidance ready			●	●
PLM® Accuracy signals (PLM 1, PLM2, & PLM RTK / PLM RTK+)			○	○
PLM® Cygnus receiver			○	○
IntelliTurn™ with Headland turn sequencing II (HTS II) system			○	○
IntelliField™ guidance line sharing			○	○
MyPLM®Connect telematics (1 st years subscription free)			●	●
Remote Assistance (1 st years subscription free)			●	●
Processing & Connectivity Module (P&CM)			●	●
New Holland Remote Assistance			●	●
IntelliView™ Connect remote display			●	●
New Holland Breakdown Assist			●	●
ISOBUS III			○	○
Cab			●	●
16 LED lighting pack			●	●
24 LED 360 degree lighting pack			○	○
Comfort Ride™ cab suspension			○	○
Auto Comfort™ Active Climate Control, leather seat with seat belt			○	○
Auto Comfort™ Active Climate Control, Blue Power trim with seat belt			○	○
Instructor's seat with seat belt			●	●
Luxury Pack (Leather Steering wheel and carpet)			○	○
Four way adjustment of SideWinder™ Ultra armrest			●	●
Telescopic steering wheel adjustment			●	●
170° front hood mounted and cab pillar rear facing cameras			●	●
Push button engine start/stop			○	○
Multi-Vent Air conditioning			●	●
Automatic climate control			●	●
Air recirculation filter			●	●
Large portable coolbox			○	○
Fender mounted external engine stop function			●	●
Tire pressure monitoring system (Up to 16 individual tires)			○	○
Optimum cab noise level - 77/31 IEEC	(dB(A))		66	66
Weights				
Minimum unballasted / shipping weights	lb (kg)		23148 (10500)	23148 (10500)
Max. permissible weight at 31mph (50kph) (Class 4)	lb (kg)		35274 (16000)	35274 (16000)

● 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

Dimensions		T7.290 HD - T7.315 HD					
Rear tire size		650/85 R38	VF 650/85 R42	710/70 R42	800/70 R38	710/75 R42	900/60 R42
A Maximum overall length inc. front and rear linkage	in (mm)	224.41 (5700)					
B Minimum width	in (mm)	99.84(2536)	102.05(2592)	102.05(2592)	104.57(2656)	102.05(2592)	117.83(2993)
C Height at centre of rear axle to top of Cab / Exhaust	in (mm)	92.72 / 93.39 (2355 / 2372)					
D Tire loaded radius***	in (mm)	36.22(920)	36.22(920)	36.22(920)	35.43(900)	37.6(955)	37.6(955)
E Wheelbase	in (mm)	117.91(2995)					
F Track width (flange axle min. / max.)	in (mm)	72.44 / 75.98 (1840 / 1930)	72.44 / 75.98 (1840 / 1930)	72.44 / 75.98 (1840 / 1930)	71.57 / 76.85 (1818 / 1952)	72.44 / 75.98 (1840 / 1930)	80.79(2052)

***Guideline only, refer to tire manufactures data