



# NEW T4FNV ROPS T4F CAB



MAKING THE IMPOSSIBLE IS OUR SPECIALITY

*let's get it done.*

# BETWEEN YOUR ROWS THERE'S SPACE ONLY FOR NEW HOLLAND.

Only New Holland can offer you such a wide choice of wheeled and crawler tractors, grape and olive harvesters, and Mini Excavators, all purposely designed and developed to comply with and to effectively work between any rows, with working widths from just 1.06m up to 1.98m. But dimensions don't tell the whole story. Every New Holland product comes with the right features to do the job: powerful, efficient and clean engines, super comfortable and safe cabs to low clearance ROPS models, and the perfect combination of axles and hydraulics to easily manage any kind of implement.



## LIFT-O-MATIC™ PLUS SYSTEM: SPEED AND PRECISION

This award winning mechanical hydraulic control system allows you to raise or lower the rear linkage when making a headland turn, while maintaining position and draft settings. When pushing/pulling the lever, if released, the implement immediately stops at the height corresponding to the actual implement position. A gentle push or pull of this convenient lever allows for minor adjustments.

Minimum height of engine hood from ground 131cm

Standard front axle to reduce hood height

Front lift and PTO optional

Max ground clearance of the fuel tank: 25cm with smallest tires





Minimum height of mudguard from ground 113.5cm

Minimum height of platform from ground 50cm

Minimum height of seat from ground 94.5cm



### FOLDING ROPS

ROPS models have a forward folding frame to clear over-hanging crops or access low buildings. The new folding beacon design allows a quick and easy transition when necessary.

Minimum overall width 149cm



### ECOBLEUE™ COMPACT HI-ESCR 2 EXPLAINED

The entire T4FNV range complies with Stage V emissions standards, on the T4.90 models and above this is achieved thanks to the new Compact HI-eSCR 2 technology developed by FPT Industrial. This innovative after treatment system is a maintenance free and all after treatment components are concealed neatly under the hood to maintain the best visibility to the front and sides in addition to improving mid mount implements attachment.

# EXPERIENCE A REVOLUTION IN TRACTOR OPERATION.

An ergonomic, spacious and practical operator environment is a must for day-long productivity. That is what New Holland's all new VisionView™ cab delivers. Want all round visibility? Whether you're in the yard, in the vineyard or on the road, you'll have an uninterrupted productivity enhancing view. Always. The flat deck floor and 360° LED light packages further enhance day long comfort.

New InfoView™ digital instrument cluster

All-new Command Arc

Natural Flow decal



### INFOVIEW™ DASH DISPLAY

The large LCD flat screen display positioned directly in front of the steering wheel is your 'at a glance' machine dashboard. Featuring a host of key operating parameters such as engine rpm, forward speed and selected gear, amongst others.



### THE ULTIMATE ERGONOMIC FARMING EXPERIENCE

The T4FNV tractors offer sophisticated features that are easy and intuitive to access. The Command Arc hosts all key controls. Throttle, transmission, PTO and hydraulics. Everything you need to control is intuitively selected. More advanced features can be quickly accessed.



### BLUE CAB™ 4 FILTRATION

The optional Blue Cab™ 4 offers category 4 protection levels with enhanced filtration against dust, aerosols and vapours. Compliant with EN 15695-2:2009 for filtration and EN 15695-1:2009 for pressurisation. When this level of protection is not required, the double filtration system can be switched to offer Level 2 control. The filters are designed to have an extended working life.

High visibility front windscreen

Up to 8 mid mount remote outlets + free flow



Up-to 12 LED lighting package  
Visibility efficiency with Style

New T4.120FNV model with 120hp

All-new fender switches featuring PTO, rear linkage and top link control

Up to 10 rear remotes outlets + free flow + power beyond







# SUPER VERSATILE CAN MANAGE ANY TOOL, ANY ROW AND ANY OPERATION.

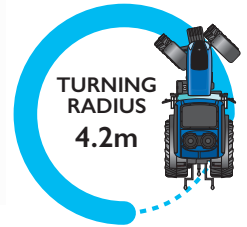






# THE WIDEST OFFERING TO SATISFY ALL TYPE OF CUSTOMER NEEDS.

T4FNV tractors have 3 different axles to choose from the Standard axle to the advanced Terraglide front axle. The legendary SuperSteer™ front axle offering an effective steering angle of 76°, which means a tractor can turn in a radius as low as 3.5m for truly outstanding agility. The Terraglide™ front axle suspension is proven to protect the tractor, mounted implements, and the operator from heavy shock loads during transport. In the field the advanced suspension system maintains contact between the tyre and the ground to improve traction and safety.



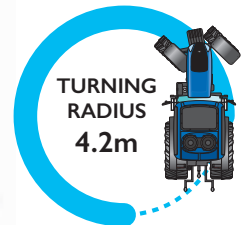
## STANDARD AXLE

Compact dimensions



## SUPERSTEER™ AXLE

Renowned super tight turning



## TERRAGLIDE™ AXLE

Advanced smooth ride suspension



### TRELLEBORG PNEUTRAC TYRE

PneuTrac is a hybrid solution that combines the advantages of a radial agricultural tyre in terms of efficiency, comfort and handling, with the wide footprint and traction benefits of a track. It delivers unbeatable performance on both steep slopes and muddy terrain. On road applications, the hybrid nature of the PneuTrac assures safety, handling, and comfort along with fuel economy.



### ALL NEW FRONT AND REAR LINKAGE

Compatible with all T4FNV tractor models, the new front linkage option has a lift capacity of up to 1500kg. Compatible with a SuperSteer™ front axle, the front linkage is available with or without the direct engine driven front PTO. The rear linkage has been completely redesigned with 2 external cylinders providing a lift capacity of up to 2519kg. Mechanical Draft Control with proven Lift-O-Matic™ system is standard on all models and Electronic Draft Control is optional.



### HYDRAULIC PERFORMANCE

Have you ever thought about just how much hydraulic flow you actually need? All T4FNV tractors are fitted with the traditional open centre hydraulic system as standard. Delivering 64 litres/minute, it is more than sufficient for the majority of applications. An optional 80Lpm option is available that will power even the most demanding implements. If that wasn't enough, New Holland has engineered a rear Load Sensing HPL. The benefit? System pressure works at 20 bar lower pressure. The result? Less heating and less fuel consumption.



### A WIDE CHOICE OF EFFICIENT TRANSMISSIONS

Thanks to the modular design of the new T4FNV tractors, the transmissions can be easily matched to end user needs. Advanced features include a new ergonomic gear leveller position, a new push button creeper engagement and the Powershuttle aggressiveness setting. New optional features include new Parking lock feature now available on Powershuttle transmissions as well as on Dual Command™ versions. Shuttle reverse and PTO now have an aggressivity adjustment setting in order to have the right adjustment for the application.

MODELS	T4.80 ROPS				T4.80 CAB				T4.90 ROPS				T4.90 CAB				T4.100 ROPS				T4.100 CAB				T4.110 ROPS				T4.110 CAB				T4.120 ROPS				T4.120 CAB			
	V	N	F	F	V	N	F	F	V	N	F	F	V	N	F	F	V	N	F	F	V	N	F	F	V	N	F	F	V	N	F	F	V	N	F	F	V	N	F	F
<b>New Holland Engine*</b>	F34																F36																							
No. of cylinders / Capacity (cm <sup>3</sup> ) / Valves / Emissions Level	4 / 3400 / 2 / Stage V																4 / 3600 / 4 / Stage V																							
Rated Engine Power ISO TR14396 - ECE R120	[kW/hp(CV)]				55/75				63/86				73/99				81/110				88/120																			
Max. Power @ 1900rpm	[kW/hp(CV)]				55/76				63/87				73/100				81/111				88/121																			
Rated Engine Speed	(rpm)				2300				2300				2300				2300				2300																			
Max Torque ISO TR14396	(Nm)				320 @ 1300rpm				351 @ 1300rpm				407 @ 1300rpm				490 @ 1300rpm				518 @ 1300rpm																			
Torque reserve	(%)				40				34				46				42																							
Horizontal Exhaust																																								
Fuel tank capacity (4WD / SuperSteer™)	(Litres)				58 / - / 73 / - / 81 / 65 / 104 / -				58 / - / 73 / 57 / 81 / 65 / 104 / 75				58 / - / 73 / 57 / 81 / 65 / 104 / 75				58 / - / 73 / 57 / 81 / 65 / 104 / 75				58 / - / 73 / 57 / 81 / 65 / 104 / 75																			
AdBlue tank capacity	(Litres)				-				-				-				-				-																			
Service interval	(hours)				-				-				600				-				-																			
<b>Transmission</b>																																								
Electro hydraulic diff. lock																																								
16x16 Shuttle Command™ (40kph) / Min. speed	(kph)																																							
28x16 Shuttle Command™ (40kph) / Min. speed with Creeper	(kph)																																							
32x16 Split Command™ (40kph) / Min. speed	(kph)																																							
16x16 Powershuttle with Powerclutch and 3 reverse adjustments (40kph) / Min. speed	(kph)																																							
32x16 Dual Command™ with Powerclutch and 3 reverse adjustments (40kph) / Min. speed	(kph)																																							
44x16 Dual Command™ with Powerclutch and 3 reverse adjustments (40kph) / Min. speed with Creeper	(kph)																																							
Parking Lock transmission																																								
Hydraulic trailer brake valve TMR rules																																								
<b>Front axle</b>																																								
4WD front axles																																								
SuperSteer™ 4WD front axle																																								
Auto 4WD and diff. lock for PS transmissions / SuperSteer™																																								
Turning angle (4WD / SuperSteer)	(°)																																							
<b>Hydraulic system</b>																																								
Standard pump flow + Service pump	(Lpm)																																							
Optional MegaFlow™ pump flow + Service pump	(Lpm)																																							
Mechanical Draft Control (MDC) with Lift-O-Matic™ system																																								
Electronic Draft Control (EDC)																																								
Max. lift capacity at ball ends with arms horizontal	(kg)				2350 / 2188 / 2519				2350 / 2188 / 2519				2350 / 2188 / 2519				2350 / 2188 / 2519				2350 / 2188 / 2519				2350 / 2188 / 2519															
Max. no. Rear remote / outlets					3+2 / 10 / 4 / 8				3+2 / 10 / 4 / 8				3+2 / 10 / 4 / 8				3+2 / 10 / 4 / 8				3+2 / 10 / 4 / 8				3+2 / 10 / 4 / 8															
Electro hydraulic remotes					-				-				-				-				-				-															
Mid mounted outlet	4 / 4 / 4 / 8				4 / 4 / 4 / 8				4 / 4 / 4 / 8				4 / 4 / 4 / 8				4 / 4 / 4 / 8				4 / 4 / 4 / 8				4 / 4 / 4 / 8															
Power Beyond system																																								
Front lift & PTO 1000rpm electrohydraulic dry clutches																																								
Max. front linkage lift capacity at ball ends double acting	(kg)																																							
<b>PTO</b>																																								
540 / 540E																																								
540 / 540E / 1000 and ground speed																																								
Electrohydraulic wet clutches with soft/medium/hard start																																								
<b>Operator environment</b>																																								
ROPS gas strut assisted																																								
New VisionView™ cab (flat deck with high visibility front windscreen)																																								
Blue Cab™ 4 (category 4 protection level)																																								
Optimum cab noise level - 77/31   EEC	(dB(A))				71				71				71				71				71				71															
InfoView™ digital instrument cluster																																								
Optional LED lighting pack - Max.	3 / 3 / 3 / 12				3 / 3 / 3 / 12				3 / 3 / 3 / 12				3 / 3 / 3 / 12				3 / 3 / 3 / 12				3 / 3 / 3 / 12				3 / 3 / 3 / 12															
Fender mounted external controls																																								
<b>Dimensions &amp; Weights</b>																																								
Minimum overall width **	(mm)				1061 / 1229 / 1380 / 1380				1061 / 1229 / 1380 / 1380				1061 / 1229 / 1380 / 1380				1061 / 1229 / 1380 / 1380				1061 / 1229 / 1380 / 1380				1061 / 1229 / 1380 / 1380															
Height to hood / rear fender ***	(mm)				1386 / 1227 / 1376 / 1220 / 1421 / 1302 / 1421 / 1432				1386 / 1227 / 1376 / 1220 / 1421 / 1302 / 1421 / 1432				1386 / 1227 / 1376 / 1220 / 1421 / 1302 / 1421 / 1432				1386 / 1227 / 1376 / 1220 / 1421 / 1302 / 1421 / 1432				1386 / 1227 / 1376 / 1220 / 1421 / 1302 / 1421 / 1432				1386 / 1227 / 1376 / 1220 / 1421 / 1302 / 1421 / 1432															
Overall height ROPS Frame up & horizontal exhaust ***	(mm)				2508 / 2483 / 2413 / 2498				2508 / 2483 / 2413 / 2498				2508 / 2483 / 2413 / 2498				2508 / 2483 / 2413 / 2498				2508 / 2483 / 2413 / 2498				2508 / 2483 / 2413 / 2498															
Wheelbase (4WD / SuperSteer™)	(mm)				2180 / 2180 / - / 2180 / - / 2180 / -				2180 / 2180 / 2436 / 2180 / 2436 / 2180 / 2436				2180 / 2180 / 2436 / 2180 / 2436 / 2180 / 2436				2180 / 2180 / 2436 / 2180 / 2436 / 2180 / 2436				2180 / 2180 / 2436 / 2180 / 2436 / 2180 / 2436				2180 / 2180 / 2436 / 2180 / 2436 / 2180 / 2436															
Max. permissible weight	(kg)				4500 / 4500 / 4800 / 4800				4500 / 4500 / 4800 / 4800				4500 / 4500 / 4800 / 4800				4500 / 4500 / 4800 / 4800				4500 / 4500 / 4800 / 4800				4500 / 4500 / 4800 / 4800															

● Standard ○ Optional - Not available | \* Developed by FPT Industrial \*\* Minimum width with Rear Tyre T4V=280/85R28, T4N=320/85R24, T4F=320/85R28, other rear tyres available \*\*\* Minimum height with Rear Tyre T4V=280/85R28, T4N=320/85R24, T4F=320/85R28, other rear tyres available



New Holland prefers  lubricants