



# NEW HOLLAND T4F/N/V

T4.75 | T4.85 | T4.95 | T4.105







## STYLISH NEW T4F/N/V. GREAT LOOKS, BRILLIANT PERFORMANCE

Offered in three widths to suit a range of specialist applications, the T4F/N/V tractor series match high power to weight ratios to best in class manoeuvrability. Key features include power outputs of 78, 88, 97 and 106hp, a wide transmission offering, cab or ROPS and a choice of front axles.



### POWERFUL AND COMPACT

Powered by all-new four-cylinder engines and with the addition of the flagship T4.105 model producing 106hp, the T4F/N/V tractor series offers unrivalled performance in a compact package.



### SPECIALIST VERSATILITY

Few specialist tractors can match the all-round versatility of a T4F/N/V tractor. Available with tight turning SuperSteer, with automatic 4WD, these tractors can be used in a wide range of applications.



### PRODUCTIVE COMFORT

Available with an advanced, fully sealed Blue Cab, T4F/N/V tractors match unrivalled comfort in the most unforgiving environments with brilliant all-round visibility.

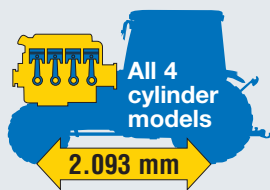
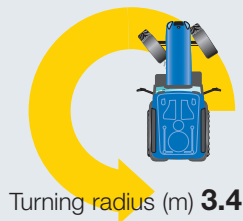
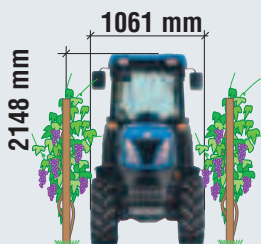


### ENGINEERED TO REDUCE COSTS

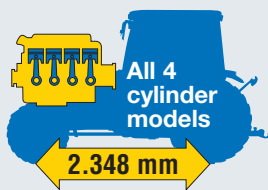
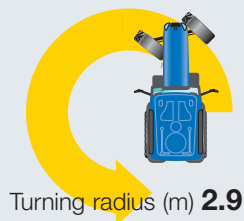
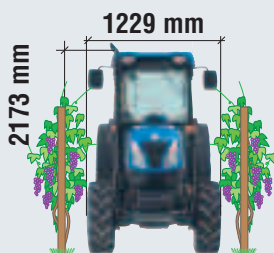
Long engine service intervals and low fuel consumption reduce the whole life operating costs of all T4F/N/V models.



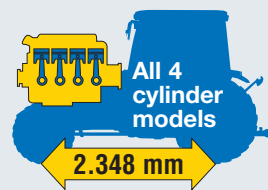
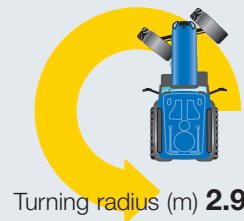
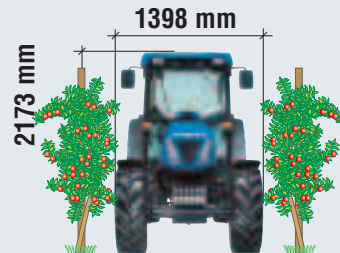
### T4V\*



### T4N\*\*



### T4F\*\*\*



Rear Tyres \* 280/85R28 \*\* 320/85R24 \*\*\* 340/85R28



## CLEAN, FOUR-CYLINDER INTERCOOLED EFFICIENCY



### COMPACT FOUR-CYLINDER POWER

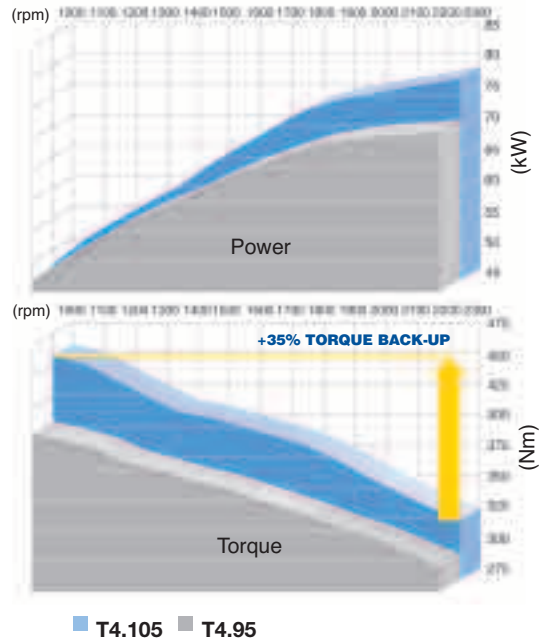
With torque as high as 425Nm and torque reserves of up to 46%, T4F/N/V tractors bring massive performance to a compact tractor package. Developed by FPT Industrial, the Tier III power units are smooth running, fuel efficient and quiet. Proven in existing T5000 and T6000 tractors, these engines have long service intervals to minimise operating costs.





### INTERCOOLED EFFICIENCY

By cooling the engine intake air, the intercooler fitted to the T4F/N/V power units boosts combustion efficiency. This is of particular benefit in high ambient temperatures, overall fuel use and power development remaining consistent, regardless of conditions.



### MORE POWER AND TORQUE

All T4F/N/V models develop more power and greater torque at a lower engine speed when compared to the previous speciality series. The new range topping T4.105 tractor achieves an optimum fuel consumption figure of just 221g/kWh.



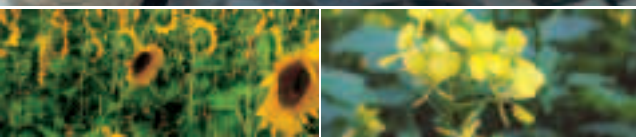
### EASIER TO LOOK AFTER

From the outset, New Holland has designed all T4 models for ease of maintenance. A fast access fuel flap allows speedy refuelling without raising the one-piece engine hood. Engine service intervals are as high as 600 hours on the T4.95 and T4.105F/N/V.



### ENGINEERED FOR 100% BIODIESEL




All T4F/N/V are designed to operate on biodiesel fuels without costly modifications. Talk to your New Holland dealer for full details.

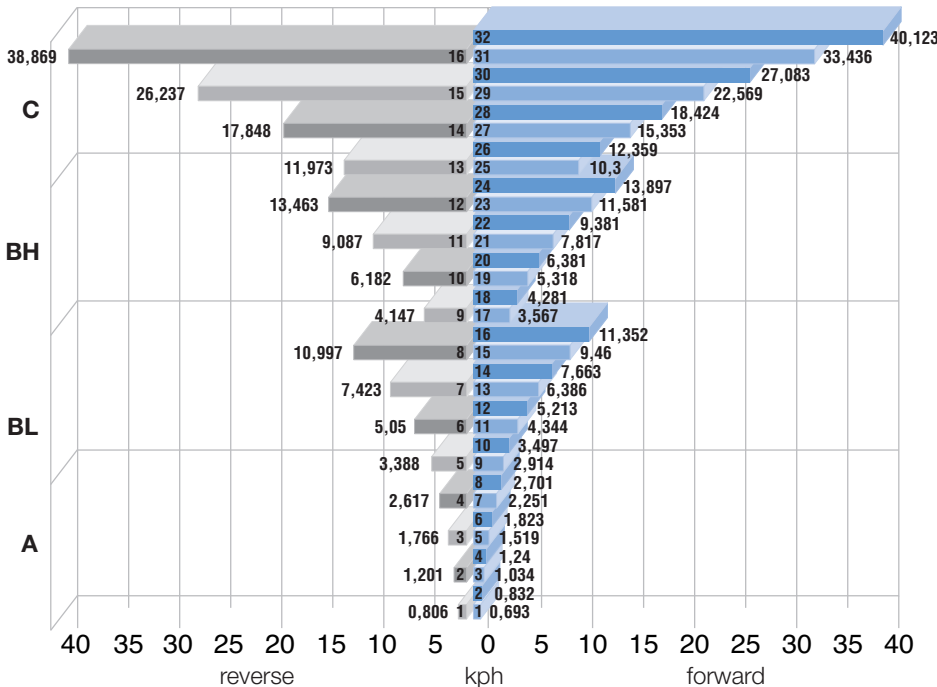


# A WIDE CHOICE OF EFFICIENT TRANSMISSIONS

Thanks to the modular build of T4F/N/V tractors, the transmissions can be easily matched to end user needs. Advanced features include power shuttle, power clutch and creep speed options.

## TRANSMISSION CHOICE

-  **16x16** Powershuttle (30 kph / 40 kph)
-  **32x16** Dual Command™ (30 kph / 40 kph)
-  **44x16** Dual Command™ (optional creeper / 30 kph / 40 kph)



1 → 2    3 → 4    5 → 6    7 → 8

Power Clutch button + Gear change    Low dual power

High dual power

### DUAL COMMAND™ OFFERS SO MUCH MORE

The 32x16 Dual Command™ transmission with powershuttle offers the same number of ratios as Split Command, but allows a high low push button ratio 'split' to be made under full load and without using the clutch. A 44x16 Dual Command transmission is available to meet specialist requirements.

### POWER CLUTCH

Dual command transmissions are available with a Power Clutch option. This allows the operator to use a push button on the main shift lever to operate the clutch. This makes changes on the move fast, smooth and comfortable.

### Power Clutch button



### NEW PARK LOCK SYSTEM

The new Park Lock system available on Dual-Command tractors, ensures additional safety when parking on slopes by mechanically locking the transmission from a lever inside the cab.





### CREEP SPEED OPTION

Creep speeds as low as 160 metres/hour are available, enabling the tractor to carry out a wide range of precision operations. These transmissions are so flexible that this same low speed can be matched to a ratio offering a 40 kph transport speed.



### POWER SHUTTLE SPEED DIRECTION CHANGE

If a fast shuttle between forward and reverse is a priority, the operator can simply use the electro-hydraulic shuttle lever to change direction. From neutral, the shuttle lever can be used to smoothly feed power to the transmission without using the clutch.

## SMALL IN SIZE, BIG IN COMFORT

### DESIGNED AROUND THE OPERATOR

Operator comfort is a key New Holland priority. State of the art virtual simulation technology is employed to achieve the most ergonomic layout of the cab controls. This has resulted in an all new right hand console design, grouping all main hydraulic levers together for ease of operation. Noise and vibration levels are tightly controlled with light steering and class leading visibility over the stylish engine hood. All this contributing to reduced operator fatigue.



### BIGGER, BETTER FOOTWELLS

On the narrower V/N models the footwells have been redesigned to offer much more space for the operators feet. This attention to detail ensures a much more comfortable driving position for the operator.

### BLUE CAB FOR HARSH ENVIRONMENTS

The Blue Cab option has thermostatically controlled air conditioning developed to suit harsh environments. Anti-pollen, recirculation and active carbon filters ensure a comfortable and clean working environment. The Blue Cab meets category 2 EN 15695-1 requirements, the air delivery and filtration system provides protection against dust and minimum differential pressure is ensured. The ventilation system draws in 20% more air than the standard cab, for a fast stabilisation of the internal temperature.







### ERGONOMIC EXCELLENCE

The optional multi-function, electronic joystick allows the operator to control eight outlets at one time. Switches on the console dictate which mid-mounted valves are to be used. The hydraulic motor operates through two additional outlets, activated by a switch on the console. It also features a Lock position for additional safety.

### ALL THE INFORMATION YOU NEED

The new instrument display fitted to all T4F/N/V tractors is easy to read and understand. The new display lists valuable information including forward speed, PTO speed, low fuel and the next service interval.

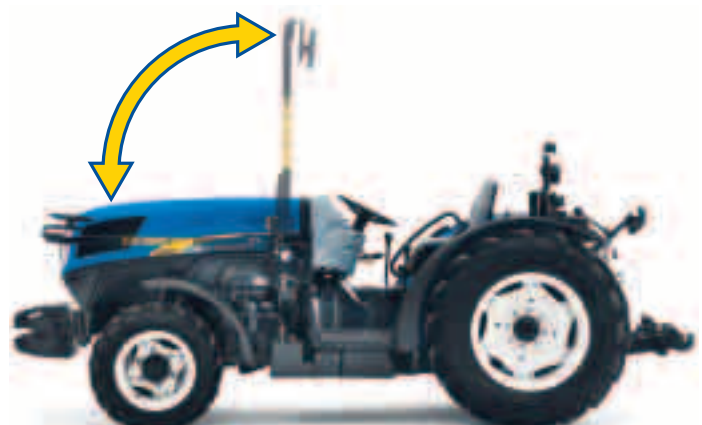
### HIGH COMFORT SEAT

Fitted with a deep cushion seat pan and wide backrest, the seat in T4F/V/N tractors adjusts to suit all sizes of operator. A Deluxe air suspension seat is standard equipment on all models.



### LOW CAB ROOF AND FOLDING ROPS

Blue Cab models have a newly developed low profile to reduce the overall height of the tractor. 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.



## SPECIALIST TRACTORS FOR SPECIALIST NEEDS

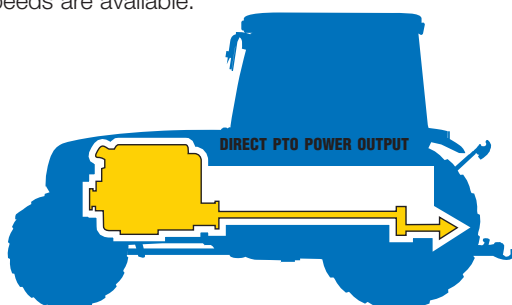


The modular build of T4F/N/V tractors enables New Holland to offer a broad range of specifications that exactly matches your specialised needs. T4 F/N/V models feature Megaflow™ High Volume, High Capacity Pumps, delivering an outstanding 63.8 LPM. All models benefit from a dedicated 35.6 Lpm steering pump. Regardless of engine speed or hydraulic load, full power to the steering circuit is maintained.

### DIRECT OUTPUT, LOWER FUEL CONSUMPTION

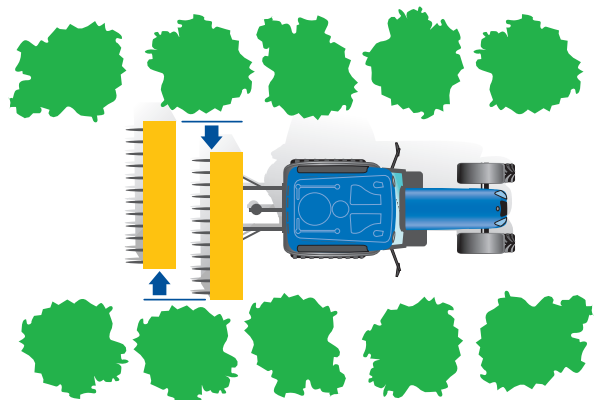
Engaged via a servo-assisted control, the rear PTO on T4F/N/V tractors has a direct driveline to minimise power loss. Maximum engine power is directed to the PTO for optimum efficiency and performance.

Improvements to the driveline have resulted in reduced engine RPM at 540 and 1000 PTO speeds, thereby reducing fuel consumption and noise. Thanks to this innovative design, fuel savings of 5% can be achieved. A choice of Ground Speed/540/540E/1000 PTO speeds are available.



### HYDRAULIC LINKAGE SETTINGS

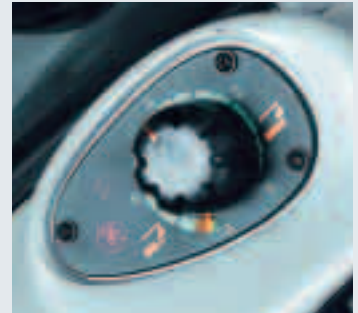
Hydraulic stabilisers can be specified to allow the attachment to be offset to either side of the tractor. The stabilisers can be set in a fixed or float position by the push of a button. A levelling ram can also be specified for the right lower link arm. Both systems have a dedicated hydraulic supply.





### ADVANCED ELECTRONIC DRAFT CONTROL FOR OPTIMUM PERFORMANCE

Electronic draft control, EDC, is available. Easy to operate and of proven dependability, EDC on certain models can be linked to the axle differentials. When the rear linkage is lowered, the differentials are locked. As the linkage is raised, the differentials are unlocked.



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

Exclusively available on cab models, the 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.



### REMOTES TO POWER SPECIALIST ATTACHMENTS

Modern attachments can require three or more remote valves. With T4, this is not a problem. Up to three remotes, plus two push button controlled flow dividers, allow up to ten outlets to be specified. A redesigned mid-mounted valve block has allowed eight hydraulic outlets, operated by electro hydraulic valves, to be fitted\*. There is also a switch-activated, 33l/min hydraulic motor incorporated into the design. Oil flow rate can be adjusted as required by using a simple electrical control valve.

\*Cab only

### VERSATILE LINKAGE WITH HIGH CAPACITY

For maximum versatility, the rear linkage is adjustable to match Cat I or Cat II implements. All T4F/N/V models offer high lift capacities of up to 2600 kg. Quick attach couplings are standard with remote linkage controls to speed the fitting and removal of attachments.



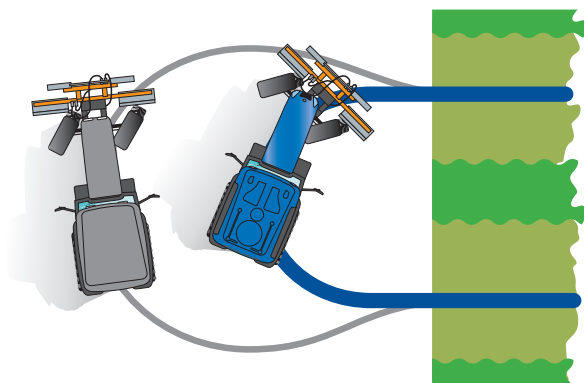
## UNIQUE NEW HOLLAND FEATURES FOR PRODUCTIVITY AND SAFETY

SuperSteer™ front axles with Auto 4WD management and dedicated front hitch are unique to New Holland. Offering an effective steering angle of 76°, a SuperSteer™ front axle can offer a turn radius as low as 2.9 m for truly outstanding agility. The way in which the axle moves as the steering lock is increased helps to reduce front wheel scrub.

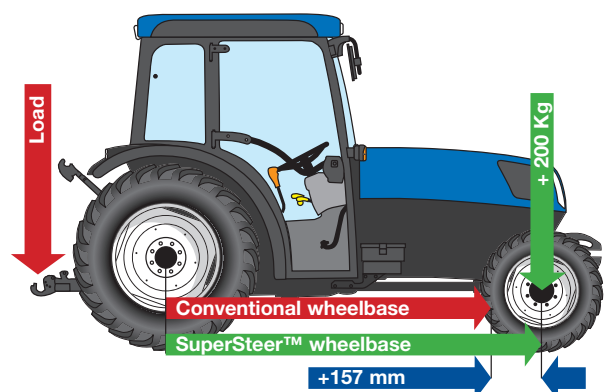
### SUPERSTEER OFFERS SO MUCH MORE

With SuperSteer you get so much more than just a tight, clean turn. Front mounted equipment turns into work sooner and the increased wheelbase transfers more weight to the front of the tractor. This decreases the need for front ballast when working with heavy rear mounted implements.

### SAVE TIME AND MONEY



### IMPROVED STABILITY





## THE RIGHT FRONT AXLE FOR YOUR NEEDS

All T4F/N/V tractors are specified with 4WD front axles. The T4F/N feature the exclusive SuperSteer as standard. The turn radius of the T4F/N/V tractors can be as low as 2.9 m.



## VERSATILE SUPERSTEER FRONT LINKAGE AND PTO

All T4N/F models can be specified with an axle mounted Cat I/II front linkage with quick attach couplings and 1000 rpm PTO. Fully integrated into the main hydraulic controls, the front linkage can be easily and precisely controlled. Remote exterior switches make coupling attachments safe, fast and simple.

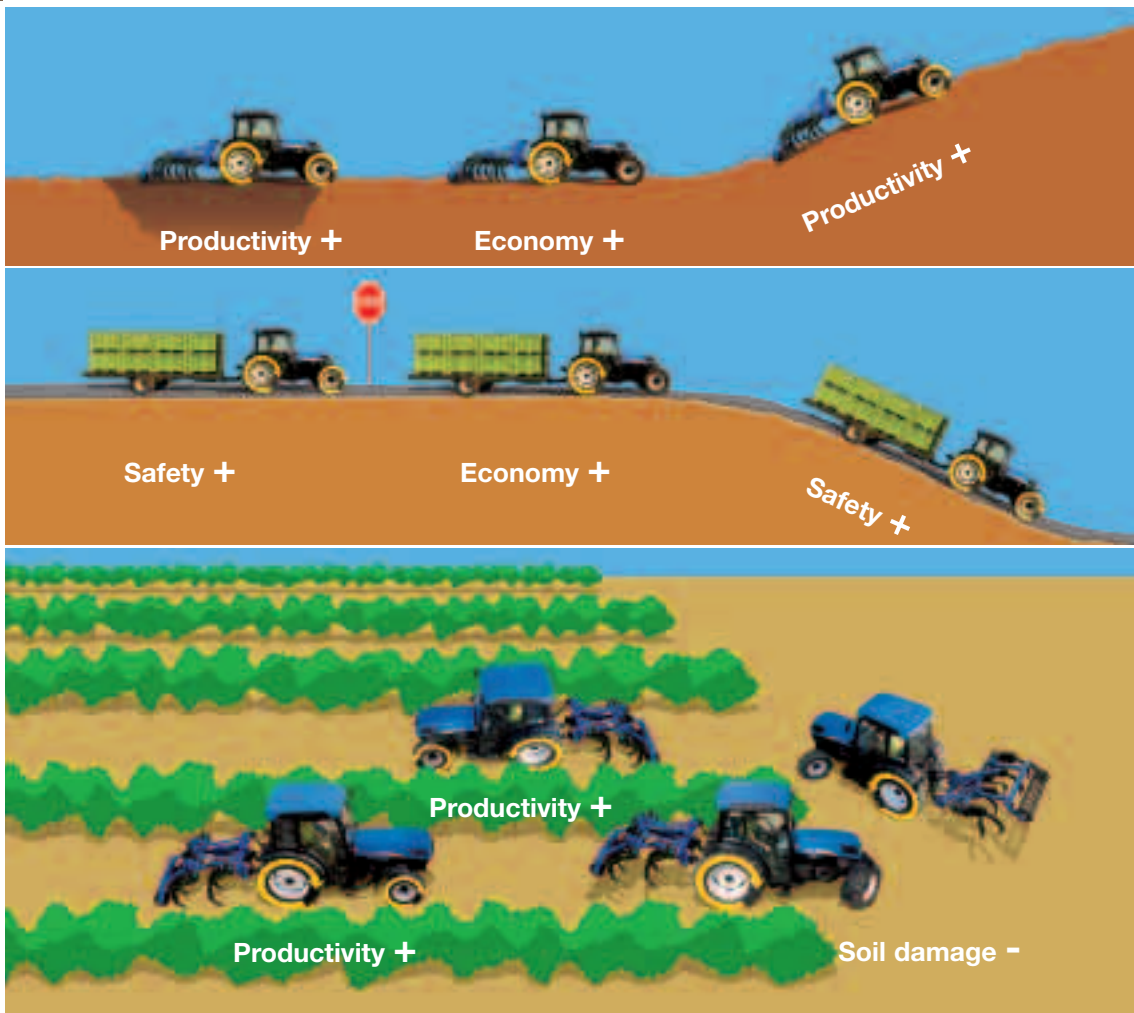


\* Front linkage not available on T4.105F

## ADVANCED TRACTION MANAGEMENT

The acclaimed and proven New Holland automatic 4WD system is now available on all T4F/N/V models. The system engages drive to the front wheels if rear wheel slip exceeds 5%\* and on slopes of 10 deg plus\*. For stability and safety, 4WD is also engaged when both brake pedal are pressed. The front and rear differentials are engaged and released by a dash mounted switch.

\*Only T4F/N models



MODELS	T4.75 V   N   F	T4.85 V   N   F	T4.95 V   N   F	T4.105 V   N   F
<b>New Holland Engine*</b>	F5C	F5C	NEF	NEF
No. of cylinders / capacity / Valves / Emissions Level	4 / 3200 / 2 / Tier III	4 / 3200 / 2 / Tier III	4 / 4500 / 2 / Tier III	4 / 4500 / 2 / Tier III
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Intercooler	●	●	●	●
Approved Biodiesel Blend	B100**	B100**	B100**	B100**
Rated Engine Power ISO TR14396 - ECE R120 [kW/hp]	57/78	65/88	71/97	78/106
Rated Engine Speed (rpm)	2300	2300	2300	2300
Max. Torque ISO TR14396 at 1300rpm (Nm)	330	352	398	425
Torque reserve (%)	39	30	35	31
Horizontal Exhaust	●	●	●	●
Vertical exhaust (Cab only)	○	○	○	○
Internal EGR	●	●	●	●
Cooling method Liquid	Liquid	Liquid	Liquid	Liquid
Power Core air filter system	●	●	●	●
Fuel Consumption at Rated Engine Speed (g/kWh)	218	219	216	221
Fuel tank capacity standard front axle (L)	77 / 77 / -	77 / 77 / -	77 / 77 / -	77 / 77 / -
Fuel Tank capacity SuperSteer™ front axle (L)	- / 57 / 78	- / 57 / 78	- / 57 / 78	- / 57 / 78
Service Interval (hrs)	500	500	600	600
<b>Transmission</b>				
Suspended pedals	●	●	●	●
16 X 16 Shuttle Command™ transmission (40kph)	●	●	●	●
Minimum speed (40kph) (kph)	0.7	0.7	0.7	0.7
Power Shuttle	●	●	●	●
44 X 16 Dual Command™ transmission (30kph / 40kph)	○	○	○	○
Minimum speed (40kph) (kph)	0.17	0.17	0.17	0.17
Power Shuttle	●	●	●	●
Power Clutch (Dual Command™ transmission only)	●	●	●	●
Park Lock	●	●	●	●
Electro Hydraulic Diff. Lock	●	●	●	●
<b>Front Axle</b>				
Independent steering pump (35.6Lpm)	●	●	●	●
Auto 4WD Standard / SuperSteer	● / ●	● / ●	● / ●	● / ●
Electro Hydraulic Diff. Lock	●	●	●	●
Standard 4WD front axle	● / ○ / -	● / ○ / -	● / ○ / -	● / ○ / -
Steering angle 4WD front axle (°)	55	55	55	55
Turn radius 4WD front axle (mm)	3400 / 3400 / -	3400 / 3400 / -	3400 / 3440 / -	3400 / 3440 / -
SuperSteer. 4WD front axle	- / ● / ●	- / ● / ●	- / ● / ●	- / ● / ●
Steering angle SuperSteer front axle (°)	- / 71 / 76	- / 71 / 76	- / 71 / 76	- / 71 / 76
Turn radius SuperSteer front axle (mm)	- / 2960 / 2900	- / 2960 / 2900	- / 3050 / 2980	- / 3050 / 2980
Axle oscillation (°)	8	8	8	8
<b>Hydraulic system</b>				
MegaFlow™ pump flow (Lpm)	63.8	63.8	63.8	63.8
Mechanical draft control (MDC)	●	●	●	●
Lower link draft sensing	●	●	●	●
Lift-O-Matic™ PLUS system	●	●	●	●
Electronic draft control (Cab models only)	○	○	○	○
Rear fender mounted Linkage controls (EDC only)	○	○	○	○
Cont. lift capacity through the range (610mm behind the ball bar ends) (kg)	1835	1835	1835	1835
Max Lift capacity at ball ends with arms horizontal (kg)	2600	2600	2600	2600
Rear Linkage category	I & II	I & II	I & II	I & II
Width adjustable link ends	○	○	○	○
Hydraulically adjustable right hand lift rod adjustment and sway restriction	○	○	○	○
Std. No. rear remotes	3	3	3	3
Flow control	○	○	○	○
Max. No. mid mounted remotes (optional)	8+2motor	8+2motor	8+2motor	8+2motor
SuperSteer™ front lift & PTO	- / ○ / ○	- / ○ / ○	- / ○ / ○	- / ○ / ○
Max. front linkage lift capacity at ball ends with arms horizontal (kg)	1275	1275	1275	1275
<b>PTO</b>				
Servo-assisted engagement	●	●	●	●
540 / 540E / 1000	●	●	●	●
Ground Speed	○	○	○	○



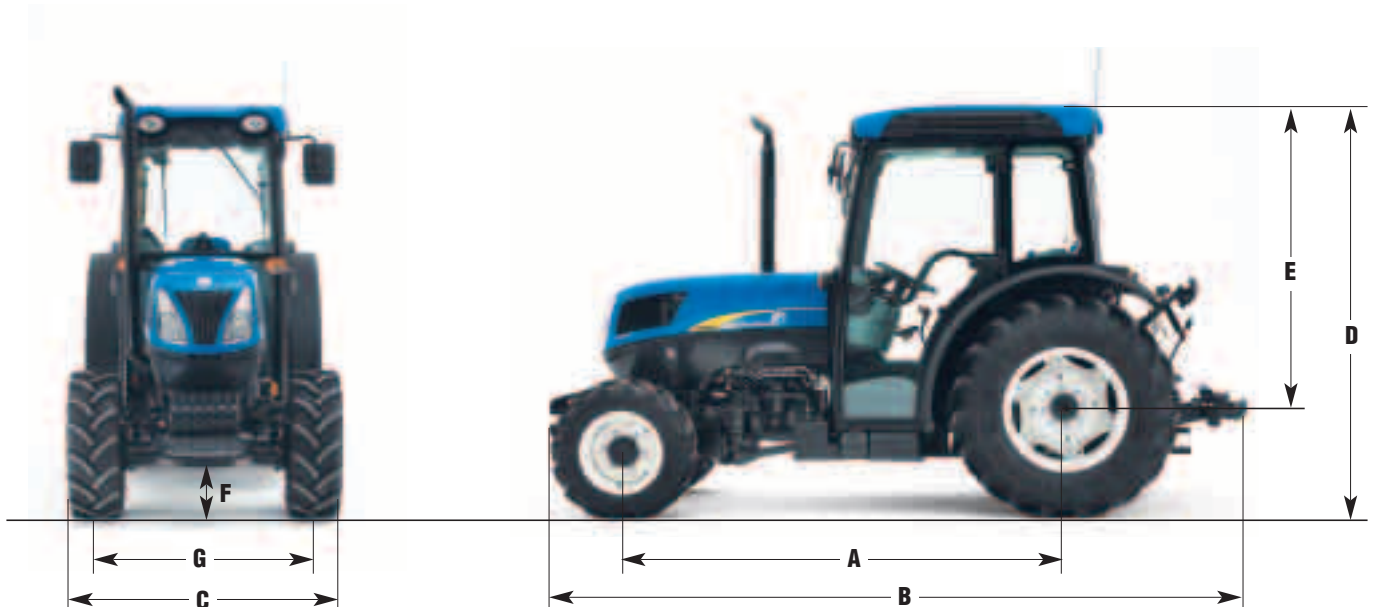
**MODELS**

**T4.75V | N | F    T4.85V | N | F    T4.95V | N | F    T4.105V | N | F**

Operator environment				
Rubber isolation blocks	●	●	●	●
Lateral levers	●	●	●	●
Suspended platform (with mid mounted foldable ROPS)	○	○	○	○
Electronic instrumentation	●	●	●	●
Blue Cab with FOPS	●	●	●	●
Blue Cab category level 2 - EN 15695 - 1	2	2	2	2
Carbon Filter Kit	●	●	●	●
Air Suspension seat	●	●	●	●
Air Conditioning	●	●	●	●
<b>Dimensions and Weights***</b>				
A Wheelbase 4WD (mm)	2093 / - / -	2093 / - / -	2180 / - / -	2180 / - / -
A Wheelbase SuperSteer (mm)	- / 2348 / 2348	- / 2348 / 2348	- / 2435 / 2435	- / 2435 / 2435
B Overall length 4WD (mm)	3925 / 3914 / 3914	3925 / 3914 / 3914	4012 / 4001 / 4001	4012 / 4001 / 4001
C Minimum overall width (mm)	1061 / 1229 / 1476	1061 / 1229 / 1476	1061 / 1229 / 1476	1061 / 1229 / 1476
D Height to top of ROPS (mm)	2249 / 2274 / 2274	2249 / 2274 / 2274	2335 / 2360 / 2274	2335 / 2360 / 2274
D Height to top of Cab (mm)	2148 / 2173 / 2173	2148 / 2173 / 2173	2148 / 2173 / 2173	2148 / 2173 / 2173
E Height at centre rear axle to top of cab (mm)	1648	1648	1648	1648
F Ground Clearance (4WD) (mm)	270 / 290 / 323	270 / 290 / 323	270 / 290 / 323	270 / 290 / 323
G T4V front wheel track setting 4WD (mm)	879 - 985	879 - 985	879 - 985	879 - 985
G T4N front wheel track setting 4WD (mm)	1075 - 1251	1075 - 1251	1075 - 1251	1075 - 1251
G T4F front wheel track setting 4WD (mm)	1062 - 1492	1062 - 1492	1190 - 1492	1190 - 1492
G T4V rear wheel track setting 4WD (mm)	861 - 1261	861 - 1261	861 - 1261	861 - 1261
G T4N rear wheel track setting 4WD (mm)	1003 - 1273	1003 - 1273	1003 - 1273	1003 - 1273
G T4F rear wheel track setting 4WD (mm)	1130 - 1530	1130 - 1530	1130 - 1530	1130 - 1530
<b>Weights</b>				
T4V Weights**** (kg)	2710	2710	2790	2790
T4N Weights**** (kg)	2762	2762	2852	2852
T4F Weights**** (kg)	2910	2910	3000	3000
Max. Permissible weight (kg)	3800 / 4000 / 4300	3800 / 4000 / 4300	3800 / 4000 / 4300	3800 / 4000 / 4300

\*Developed by FPT Industrial    \*\*Conditions apply    \*\*\*Rear tyres T4F = 340/85R28, T4N = 320/85R24, T4V 280/85R28    \*\*\*\*With driver (85kg) and full tank.

● Standard    ○ Optional    - Not Available



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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.

The data indicated in this folder is 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 Australia - 9NH0015AUS 12/13