



# NEW HOLLAND T4000F/N/V

T4020 | T4030 | T4040 | T4050



Best of specialized  
T4000F - EIMA 2008



## STYLISH NEW T4000V/N/F. GREAT

In November 2008 a jury of European agricultural engineering journalists awarded the New Holland Series T4050F the "Tractor of the Year 2009" award. Following a stringent practical assessment alongside five competitors, the T4050F was recognised for its overall power, performance, versatility, comfort and leading innovations to reduce costs.

Offered in three widths to suit a range of specialist applications, the T4000V/N/F tractor series match high power to weight ratios to best in class manoeuvrability. Key features include power outputs of 65, 78, 87 and 97hp(CV), a wide transmission offering, cab or ROPS and a choice of front axles.



### POWERFUL AND COMPACT

Powered by all-new four-cylinder engines, the T4000V/N/F tractor series offers unrivalled performance in a compact package.



### SPECIALIST VERSATILITY

Few specialist tractors can match the all-round versatility of a T4000V/N/F 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, T4000V/N/F tractors match unrivalled comfort in the most unforgiving environments with brilliant all-round visibility.



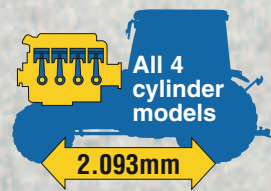
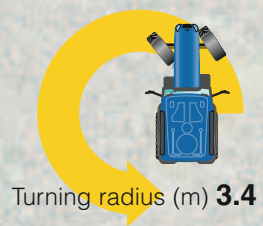
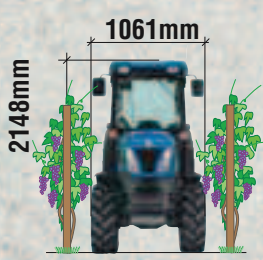
### ENGINEERED TO REDUCE COSTS

Long engine service intervals and low fuel consumption reduce the whole life operating costs of all T4000V/N/F models.

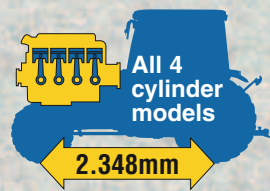
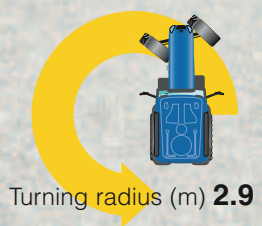
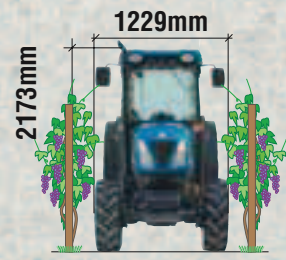


# LOOKS, BRILLIANT PERFORMANCE

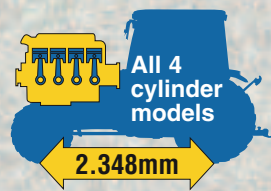
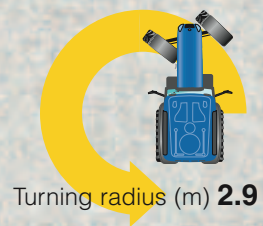
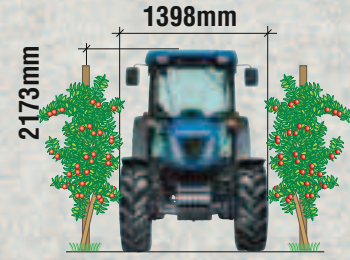
**T4000OV\***



**T4000ON\*\***



**T4000OF\*\*\***



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

## CLEAN, FOUR-CYLINDER INTERCOOLED EFFICIENCY



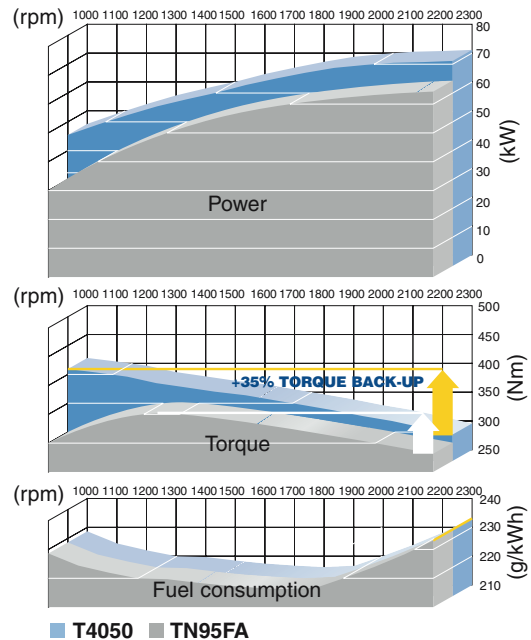
### COMPACT FOUR-CYLINDER POWER

With torque as high as 398Nm and torque reserves of up to 46%, T4000V/N/F tractors bring massive performance to a compact tractor package. Developed by Fiat Powertrain Technologies, 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 T4000V/N/F 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.



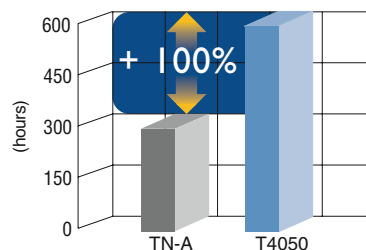
### MORE POWER AND TORQUE. SAME FUEL CONSUMPTION

All T4000V/N/F models develop more power and greater torque at a lower engine speed when compared to the previous TN-A speciality series. This increase in output is achieved without an increase in fuel consumption, this remaining at an optimum 219g/kWh for the range topping T4050V/N/F.



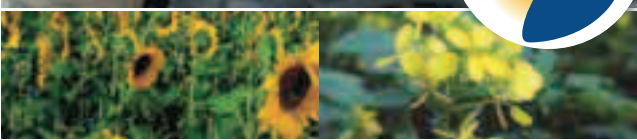
### EASIER TO LOOK AFTER

From the outset, New Holland has designed all T4000 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 T4050V/N/F.



### ENGINEERED FOR 100% BIODIESEL







All T4000V/N/F are designed to operate on biodiesel fuels without costly modifications. Talk to your New Holland dealer for full details.

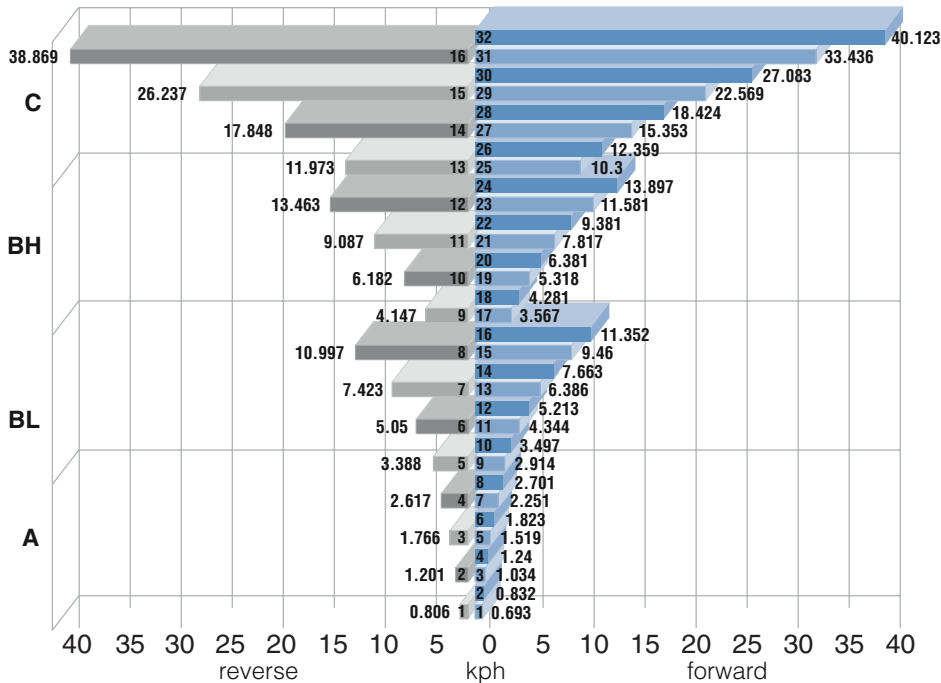


















# A WIDE CHOICE OF EFFICIENT TRANSMISSIONS

Thanks to the modular build of T4000V/N/F 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** Shuttle Command™ (30kph / 40kph)
-  **32x16** Split Command™ (30kph / 40kph)
-  **32x16** Dual Command™ (30kph / 40kph)
-  **28x16** Shuttle Command™ (Optional Creeper / 30kph / 40kph)
-  **16x16** Powershuttle (30kph / 40kph)
-  **44x16** Dual Command™ (optional creeper / 30kph / 40kph)



 1 →  3 →  5 →  7 →  
     
 2  4  6  8  
 Power Clutch button + Gear change  Low dual power  
  High dual power

### DUAL COMMAND™ OFFERS SO MUCH MORE

The 32x16 Dual Command™ transmission with power shuttle 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.

### CREEP SPEED OPTION

Creep speeds as low as 160 meters/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 40kph transport speed.



### SHUTTLE COMMAND™ AND SPLIT COMMAND™ TRANSMISSIONS

Entry level 16x16 Shuttle Command can be specified with a 28x16 creep speed option to deliver working speeds as low as 0.2kph. The 32x16 Split Command is similar to Dual Command but uses the clutch pedal to affect a ratio 'split' for a 20% reduction in forward speed. A mechanical shuttle is fitted to both transmissions.

### POWERSHUTTLE SPEED DIRECTION CHANGE

If a fast shuttle between forward and reverse is a priority, consider the 16x16 Powershuttle transmission. 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. All controls are ergonomically designed and grouped according to function. Noise and vibration levels are tightly controlled, with light steering and class leading visibility over the stylish engine hood all contributing to reduced operator fatigue.

### LOW CAB ROOF AND FOLDING ROPS

Both standard and 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.





#### ALL THE INFORMATION YOU NEED

The new instrument display fitted to all T4000V/N/F 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 T4000F/V/N tractors adjusts to suit all sizes of operator. A choice of mechanical or deluxe air suspension seats are available.



#### BRIGHT LIGHTS FOR DARK NIGHTS

Two work lights are incorporated within the main headlight cluster. Cab models have two worklights built into the front and rear roof panel. ROPS tractors have a single rear mounted fender light.



#### BLUE CAB FOR HARSH ENVIRONMENTS

The sealed Blue Cab option has thermostatically controlled air conditioning developed to suit harsh environments. Anti-pollen plus recirculation filters remove dust and pollutants. The ventilation system draws in 20% more air than the standard cab. A range of carbon filters can be specified.

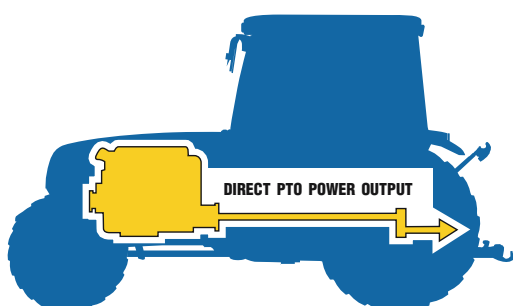
## SPECIALIST TRACTORS FOR SPECIALIST NEEDS



The modular build of T4000V/N/F tractors enables New Holland to offer a broad range of specifications that exactly matches your specialised need. The standard hydraulic flow of all models is 48.6Lpm. Need more flow? Specify the MegaFlow pump, and output can be increased to 63.8Lpm. **T4000V/N/F. Factory built to your specification.**

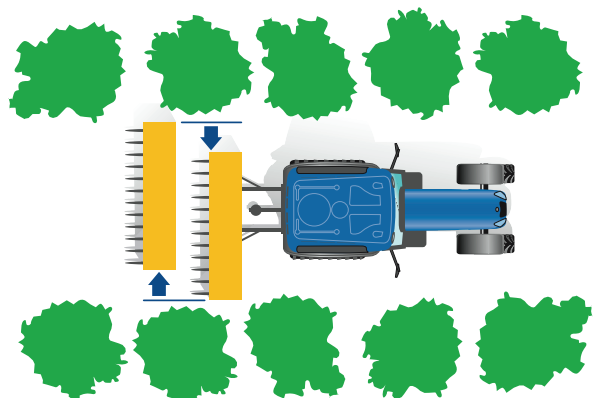
### DIRECT OUTPUT, NO LOSS OF POWER

Engaged via a servo assisted control, the rear pto on T4000V/N/F tractors has a direct driveline to minimise power loss. Maximum engine power is directed to the PTO for optimum efficiency and performance. 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

Simple to use, EDC allows the operator to precisely set up and control implement working depths, lift height and lowering speeds. Other features include a finger tip controlled fast raise and lower switch to reduce the number of operations needed during an end of row turn.

### MECHANICAL HYDRAULICS WITH LIFT-O-MATIC™

The mechanical hydraulic system features proven Flexion Bar™ lower link draft sensing. This offers excellent weight transfer performance and easily adjusted sensitivity. Lift-O-Matic™ is standard and enables an implement to be raised and lowered to its previous setting using a single control. Also, a mechanical lift height control limiter ensures accurate implement lift height setting which eliminates the risk of damaging PTO shafts.



### REMOTES TO POWER SPECIALIST ATTACHMENTS

Modern attachments can require three or more remote valves. With T4000, this is not a problem. Up to three remotes, plus two push button controlled flow dividers, allow up to five outlets to be specified. Up to two mid-mount remotes can also be fitted for use with front mounted implements. Oil flow rate can be adjusted as required by using a simple control valve.

### VERSATILE LINKAGE WITH HIGH CAPACITY

For maximum versatility, the rear linkage is adjustable to match Cat I or Cat II implements. All T4000F/V/N models offer high lift capacities of up to 2600kg on the T4000F models. Quick-attach couplings are standard with remote linkage controls to speed the fitting and removal of attachments.



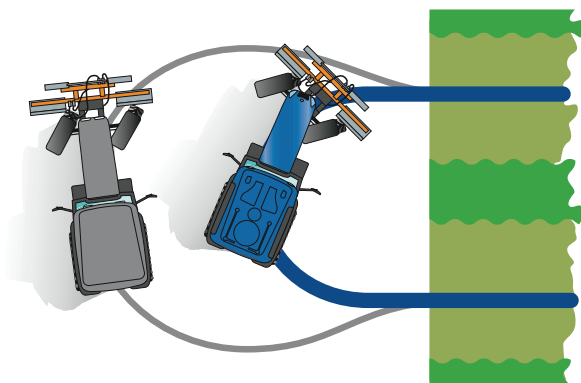
## UNIQUE NEW HOLLAND FEATURES FOR PRODUCTIVITY AND SAFETY

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

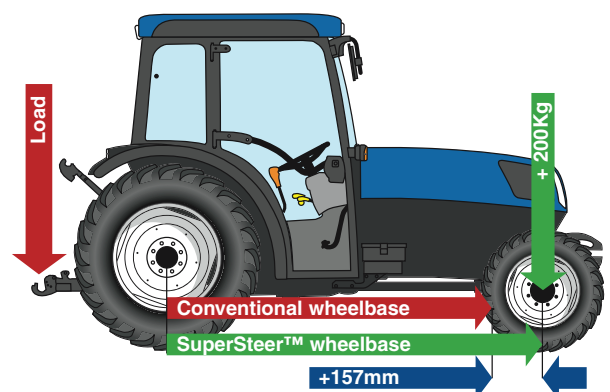
### SUPERSTEER™ OFFERS SO MUCH MORE

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 T4000V/N/F tractors can be specified with a choice of 2WD, 4WD or 4WD SuperSteer™ front axles. The turn radius of the 2WD drive T4000V/N/F tractors can be as low as 2.8m. The 2WD specification is available on both ROPS and cab models.



### VERSATILE SUPERSTEER™ FRONT LINKAGE AND PTO

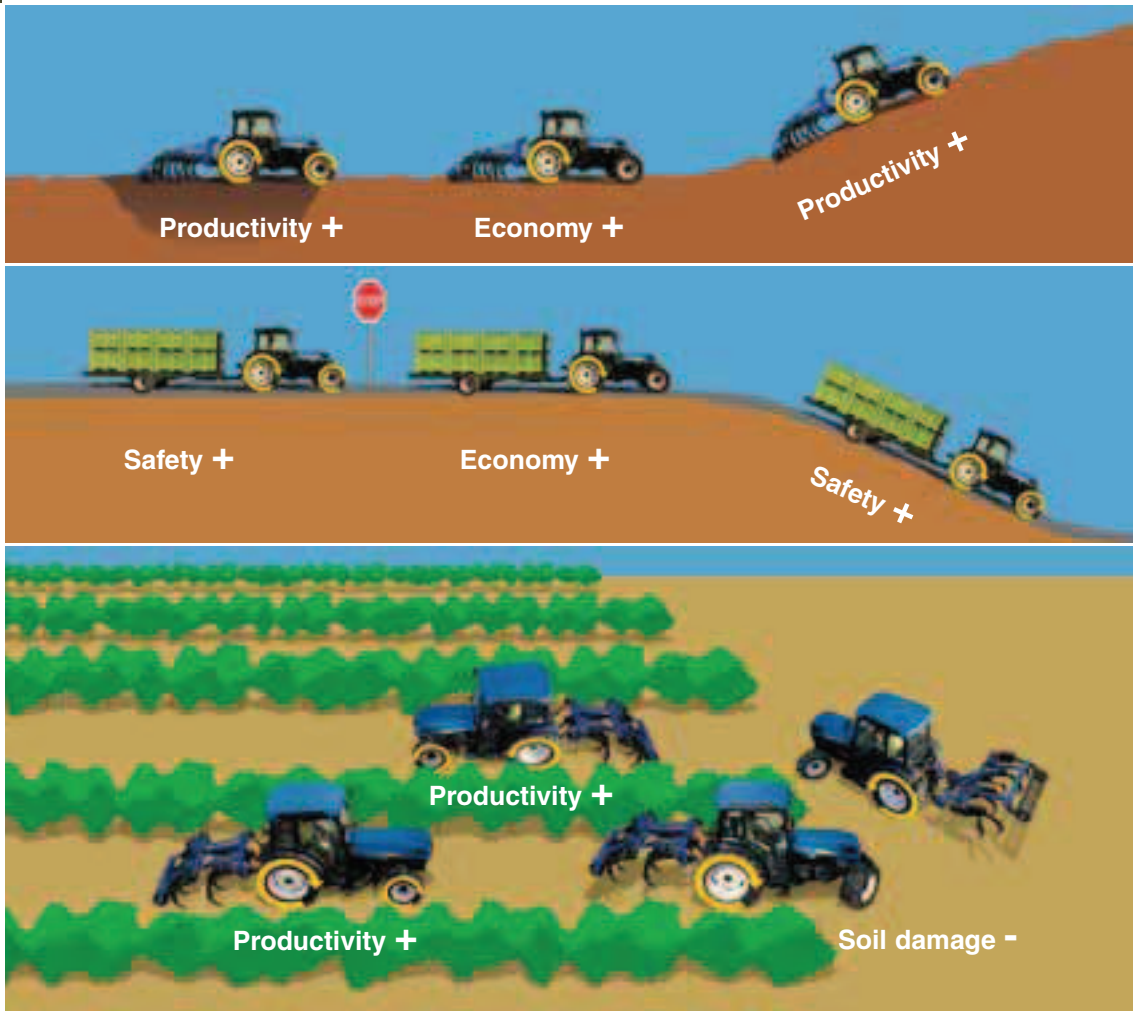
All T4000F models can be specified with an axle mounted Cat I/II front linkage with quick attach couplings and 1000rpm PTO. Fully integrated into the main hydraulic controls, the front linkage can be easily and precisely controlled. Remote exterior switches make coupling attachments safe, fast and simple.



### ADVANCED TRACTION MANAGEMENT

The acclaimed and proven New Holland automatic 4WD system is now available on all T4000V/N/F 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 T4000F/N models

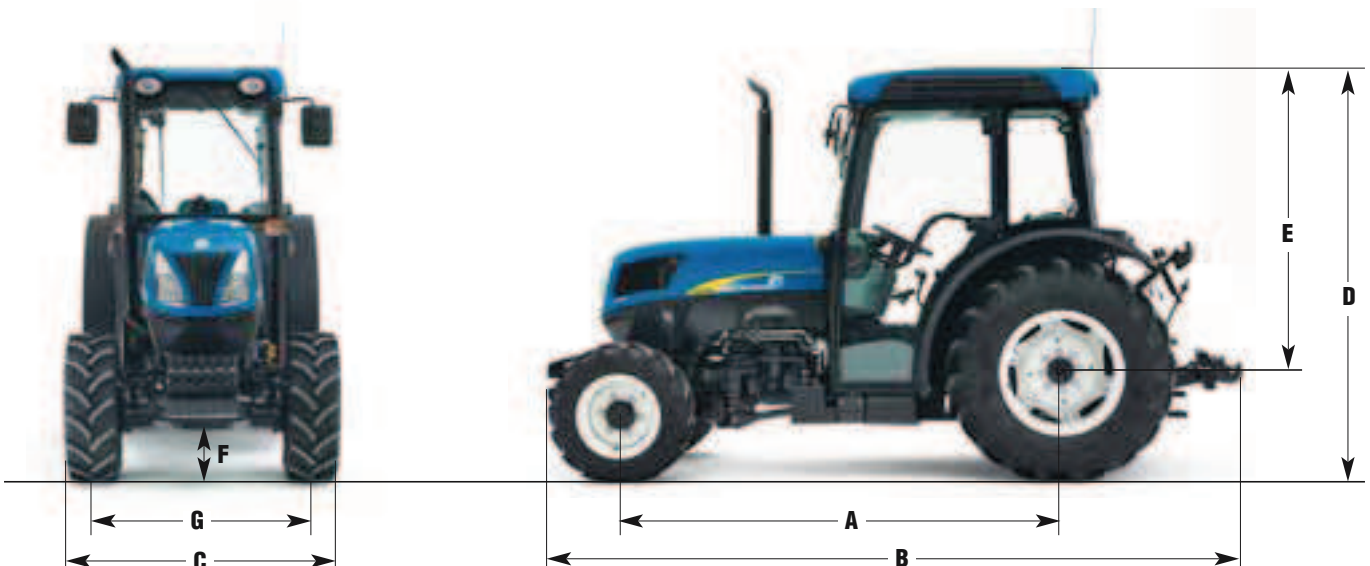


MODELS	T4020V	T4030V   N   F			T4040V   N   F			T4050V   N   F		
<b>New Holland Engine*</b>	F5C	F5C			F5C			NEF		
No. of cylinders / Capacity / Valves / Emissions level	4 / 3200 / 2 / Tier III	4 / 3200 / 2 / Tier III			4 / 3200 / 2 / Tier III			4 / 4500 / 2 / Tier III		
Aspiration	Turbocharged	Turbocharged			Turbocharged			Turbocharged		
Intercooler	●	●			●			●		
Approved Biodiesel blend	B100**	B100**			B100**			B100**		
Rated engine power ISO TR14396 - ECE R120 [kW/hp(CV)]	48/65	57/78			65/88			71/97		
Rated engine speed (rpm)	2300	2300			2300			2300		
Max. torque ISO TR14396 (Nm)	290@1250rpm	330@1250rpm			352@1250rpm			398@1300rpm		
Torque reserve (%)	46	39			30			35		
Horizontal exhaust	●	●			●			●		
Vertical exhaust (Cab only)	○	○			○			○		
Internal EGR	●	●			●			●		
Cooling method	Liquid	Liquid			Liquid			Liquid		
Optimum fuel consumption (g/kWh)	219	218			219			216		
Fuel tank capacity (L)	73	73			73			73		
Service interval (hrs)	500	500			500			600		
<b>Transmission</b>										
Electro hydraulic diff. lock	●	●			●			●		
Mechanical diff. lock	–	–	○	○	–	○	○	–	○	○
Suspended pedals	●	●			●			●		
Oil immersed braking system	●	●			●			●		
<b>16 x 16 Shuttle Command™ (30kph / 40kph)</b>	●	●			●			●		
Minimum speed (Without Creeper) (km/h)	0.7	0.7			0.7			0.7		
<b>28 x 16 Shuttle Command™ [Optional Creeper (30kph / 40kph)]</b>	○	○			○			○		
Minimum speed (With Creeper) (km/h)	0.17	0.17			0.17			0.17		
<b>32 x 16 Split Command™ (30kph / 40kph)</b>	○	○			○			○		
Minimum speed (Without Creeper) (km/h)	0.7	0.7			0.7			0.7		
<b>16 x 16 Powershuttle (30kph / 40kph)</b>	○	○			○			○		
Minimum speed (Without Creeper) (km/h)	0.7	0.7			0.7			0.7		
<b>32 x 16 Dual Command™ (30kph / 40kph)</b>	○	○			○			○		
Minimum speed (Without Creeper) (km/h)	0.7	0.7			0.7			0.7		
<b>44 x 16 Dual Command™ [Optional Creeper (30kph / 40kph)]</b>	○	○			○			○		
Minimum speed (With creeper) (km/h)	0.17	0.17			0.17			0.17		
Power Clutch (Dual Command™ transmission only)	○	○			○			○		
<b>Front axle</b>										
2WD front axles	○	○			○			○		
4WD front axles	●	●	○	–	●	○	–	●	○	–
SuperSteer™ 4WD front axle	–	–	●	●	–	●	●	–	●	●
Auto 4WD Standard / SuperSteer™	○ / –	○ / –	○ / ●	○ / ●	○ / –	○ / ●	○ / ●	○ / –	○ / ●	○ / ●
Steering angle 2WD front axle (°)	57	57	65	55	57	65	55	57	65	55
Steering angle 4WD front axle (°)	55	55	55	–	55	55	–	55	55	–
Steering angle SuperSteer™ front axle (°)	–	–	71	76	–	71	76	–	71	76
Turn radius 2WD front axle (mm)	3000	3000	2800	3100	3000	2800	3100	3000	2800	3100
Turn radius 4WD front axle (mm)	3400	3400	3400	–	3400	3400	–	3400	3440	–
Turn radius SuperSteer™ front axle (mm)	–	–	2960	2900	–	2960	2900	–	3050	2980
Dynamic fenders	–	–	○	○	–	○	○	–	○	○
Electro hydraulic diff. lock	●	●			●			●		
Independent steering pump (28Lpm or 35.6Lpm MegaFlow™ pump)	●	●			●			●		
Front braking system	○	○			○			○		
Axle oscillation (°)	8	8			8			8		
<b>Hydraulic system</b>										
Standard pump flow (Lpm)	48.6	48.6			48.6			48.6		
Optional MegaFlow™ pump flow (Lpm)	63.8	63.8			63.8			63.8		
Mechanical draft control (MDC)	●	●			●			●		
Lower link draft sensing	●	●			●			●		
Lift-O-Matic™ system	●	●			●			●		
Electronic draft control (EDC)	○	○			○			○		
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		
Rear fender mounted linkage controls (EDC only)	○	○			○			○		
Width adjustable link ends	○	○			○			○		
Hydraulically adjustable right hand lift rod adjustment and sway restriction	○	○			○			○		
Max. no. remote outlets (Rear/Mid)	6/4	6/4	10/4	10/4	6/4	10/4	10/4	6/4	10/4	10/4
Flow control	○	○			○			○		
Two mid-mount remotes with flow control	Rear diverters	Rear div.	Mid mount valve		Rear div.	Mid mount valve		Rear div.	Mid mount valve	
SuperSteer™ front lift & PTO (Electronically engaged)	–	–	○	○	–	○	○	–	○	○
Max. front linkage lift capacity at ball ends (kg)	–	–	1275	1275	–	1275	1275	–	1275	1275

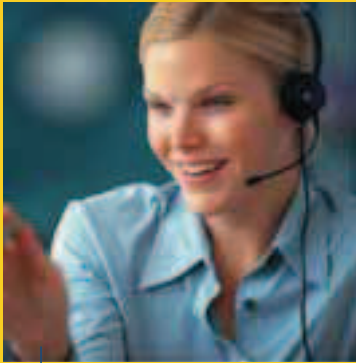
**MODELS**
**T4020V**
**T4030V | N | F T4040V | N | F T4050V | N | F**

		T4020V			T4030V   N   F			T4040V   N   F			T4050V   N   F		
<b>PTO</b>													
Servo-assisted engagement		●	●	●	●	●	●	●	●	●	●	●	
Ground speed		○	○	○	○	○	○	○	○	○	○	○	
540		●	●	●	●	●	●	●	●	●	●	●	
540 / 540E		○	○	○	○	○	○	○	○	○	○	○	
540 / 540E / 1000		○	○	○	○	○	○	○	○	○	○	○	
<b>Operator environment</b>													
Rubber isolation blocks		●	●	●	●	●	●	●	●	●	●	●	
Lateral levers		●	●	●	●	●	●	●	●	●	●	●	
Suspended platform (with mid mounted foldable ROPS)		●	●	●	●	●	●	●	●	●	●	●	
Electronic instrumentation		●	●	●	●	●	●	●	●	●	●	●	
Cab		○	○	○	○	○	○	○	○	○	○	○	
Air conditioning		○	○	○	○	○	○	○	○	○	○	○	
Blue Cab		○	○	○	○	○	○	○	○	○	○	○	
Max. noise level***	(dBA)	79	79	79	79	79	79	79	79	79	79	79	
<b>Dimensions &amp; Weights****</b>													
<b>A</b> Wheelbase 2WD	(mm)	2078	2078	2082	2082	2078	2082	2082	2165	2169	2169		
<b>A</b> Wheelbase 4WD	(mm)	2093	2093	-	-	2093	-	-	2180	-	-		
<b>A</b> Wheelbase SuperSteer™ 4WD front axle	(mm)	-	-	2348	2348	-	2348	2348	-	2435	2435		
<b>B</b> Overall length 4WD	(mm)	3925	3925	3914	3914	3925	3914	3914	4012	4001	4001		
<b>C</b> Minimum overall width	(mm)	1061	1061	1229	1398	1061	1229	1398	1061	1229	1398		
<b>D</b> Height to top of ROPS	(mm)	2249	2249	2274	2274	2249	2274	2274	2335	2360	2274		
<b>D</b> Height to top of cab	(mm)	2148	2148	2173	2173	2148	2173	2173	2148	2173	2173		
<b>E</b> Height at centre rear axle to top of cab	(mm)	1648	1648			1648			1648				
<b>F</b> Ground clearance min	(mm)	270	270	290	323	270	290	323	270	290	323		
<b>G</b> T4000V front wheel track setting 2WD	(mm)	878 - 978	878 - 978			878 - 978			878 - 978				
<b>G</b> T4000N front wheel track setting 2WD	(mm)	-	1016 - 1116			1016 - 1116			1016 - 1116				
<b>G</b> T4000F front wheel track setting 2WD	(mm)	-	1146 - 1546			1146 - 1546			1190 - 1492				
<b>G</b> T4000V front wheel track setting 4WD	(mm)	879 - 985	879 - 985			879 - 985			879 - 985				
<b>G</b> T4000N front wheel track setting 4WD	(mm)	-	1075 - 1251			1075 - 1251			1075 - 1251				
<b>G</b> T4000F front wheel track setting 4WD	(mm)	-	1062 - 1492			1062 - 1492			1190 - 1492				
<b>G</b> T4000V rear wheel track setting 4WD	(mm)	861 - 1261	861 - 1261			861 - 1261			861 - 1261				
<b>G</b> T4000N rear wheel track setting 4WD	(mm)	-	1003 - 1273			1003 - 1273			1003 - 1273				
<b>G</b> T4000F rear wheel track setting 4WD	(mm)	-	1130 - 1530			1130 - 1530			1108 - 1371				
T4000V Weights***** 2WD/4WD	(kg)	2459/2710	2459/2710			2459/2710			2531/2790				
T4000N Weights***** 2WD/4WD	(kg)	-	2546/2762			2546/2762			2618/2852				
T4000F Weights***** 2WD/4WD	(kg)	-	2840/2910			2840/2910			2930/3000				
Max. permissible weight	(kg)	3800	3800	4000	4300	3800	4000	4300	3800	4000	4300		

\*Developed by Fiat Powertrain Technologies \*\*Conditions apply \*\*\*Cab model only \*\*\*\*Rear Tyres T4000F = 340/85R28, T4000N = 320/85R24, T4000V 280/85R28 \*\*\*\*\*With driver (85kg) and full fuel tank  
 ● Standard ○ Optional - Not available



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