



NEW HOLLAND T4000

DELUXE & SUPERSTEER™ TRACTORS

T4020 | T4030 | T4040 | T4050



MORE CHOICE, POWER AND EFFICIENCY

New Holland T4000 tractor models can be specified to match a huge range of end user demands. It starts with a choice of 65, 78, 86 and 97hp of clean, Tier III compliant four-cylinder power. Next you can select between ROPS and Deluxe cab tractors, with 2WD or 4WD. Need exceptional manoeuvrability? Tight turning SuperSteer™ driven front axles can now be specified on all ROPS and Deluxe cab models, including the range topping T4050.

Next consider the transmission. Choices include 16x16 Shuttle Command™ transmission, 32x16 Split Command™ transmission, 16x16 Powershuttle transmission and 32x16 Dual Command™ transmissions with a choice of 30 or 40kph transport speeds. Need a minimum speed below 0.7kph? No problem. Choose these transmission with a creeper speed package and as low as 0.2kph is available.

This is just the start of what T4000 can offer. A sealed Blue cab, with air conditioning and carbon filtration, allows safe working in difficult environments. A factory fit front linkage and PTO extends versatility. The 540rpm rear PTO can be specified with a 540E economy speed and even 1000rpm if required. Hydraulic capacity can be increased from 47.4 to 63.8lpm with MagaFlow™ pump. New Holland T4000 tractors offer exceptional choice matched to brilliant performance, a proven heritage and low operating costs; T4040 and T4050 models have unrivalled 600 hour service intervals.



- 4 **MAXIMUM VERSATILITY** 
- 6 **PRODUCTIVITY AND POWER** 
- 10 **ULTIMATE COMFORT** 
- 12 **QUALITY AND RELIABILITY** 
- 14 **SPECIFICATIONS**



VERSATILE BY DESIGN



Take the key design ingredients that make up T4000, and you have one of the most versatile recipes for a perfect small tractor. Start with compact dimensions and light weight, add a choice of power units and transmissions and you are already going to satisfy a broad range of tastes. Sprinkle in a choice between 2WD, 4WD and SuperSteer™ front axles, in both ROPS and Deluxe cab versions, and you come up with a package with the right flavours to suit the most discerning of palates. Season with a front linkage and PTO package, choice of hydraulic output and tyres for every application and you get a dish that can be made to suit everyone. **New Holland. Building tractors for every taste.**



COMPACT AGILITY MEETS TRACTION ABILITY

With a cab height of under 2.4m, New Holland T4000 tractors are not just compact. They are amongst the most manoeuvrable tractors in their class, even on standard axles. Add a power to weight ratio that is as high as 30.3hp/tonne, a rear lift capacity of 2900kg and fully locking differentials and these tractors can deliver superb traction too. For in-built versatility, T4000 have an unmatched advantage.



A VERSATILE FAMILY HERITAGE

The T4000 tractor family share a modular build that enables them to be built to meet a wide range of specialist applications. This includes the narrow T4000V vineyard models through to the fruit and orchard optimised T4000F. By sharing platforms across a range of T4000 tractor models, New Holland is able to build a tractor to meet your specific needs.



RIGHT FOR AGRICULTURAL, GOLF, AMENITY AND MUNICIPAL USERS?

New Holland has a proven record of designing and building tractors that are genuinely versatile. A farmer using a tractor to help in the yard to feed livestock will look for different features than a arable user needing a tractor to plough and cultivate the soil. A golf course will look for different options to aerate and top dress greens than a turf grower looking for a power unit to work a wide area mower.

A key to T4000 tractors is that they can be specified to meet these very different demands. There is no need to look for special options either. Thanks to its modular build, a T4000 tractor can be readily tailored to exactly suit end user requirements.

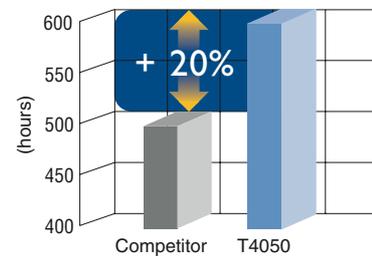
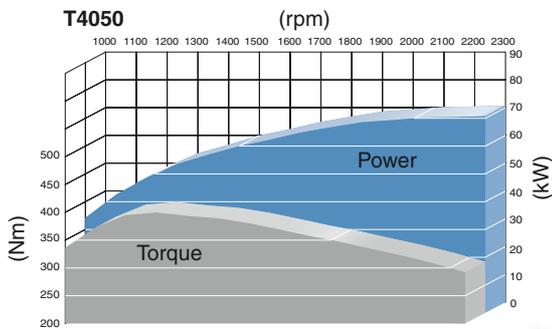


CLEAN, FOUR-CYLINDER INTERCOOLED EFFICIENCY

New Holland T4020 and T4030 models are powered by 3.2 litre four-cylinder engines, the T4040 and T4050 having 4.5 litre power units as used in the outstanding T5000 and T6000 tractor series. All T4000 engines are turbocharged and intercooled to optimise performance and fuel efficiency, with rated power developed at 2300rpm and maximum torque at 1300rpm. This is 100rpm lower than the predecessor series. The new Tier III power units not only meet the latest emission standards but are more fuel efficient too. On average, T4000 models will consume between 8-9% less fuel than the nearest equivalent predecessor model. This makes the best use of their fuel capacity, 75 litres for T4020 and 4030 and 88 litres for the T4040 and T4050.
Clean running T4000. More performance, greater economy.

REDUCING OPERATING COSTS

A key concern for operators is fuel use. T4000 tractors are engineered to make every drop of fuel count. The optimum fuel consumption for T4040 and T4050 models at rated speed is 219g/kWh. To further reduce operating costs, these two tractors also offer 600 hour service intervals.



CLASS LEADING POWER TO RATIO

Take a look at the power to weight ratio of the T4000 tractor range, and the figures speak for themselves. How about 30.3hp/t for a T4050? Packing a powerful punch into a compact tractor package is a key New Holland advantage.

ENGINEERED FOR BIODIESEL

Without modification, all New Holland power can be used with B20 20% biodiesel. With the addition of an auxiliary filter and a revised maintenance programme, T4000 tractors are suitable with B100 100% biodiesel.

EASIER TO LOOK AFTER

Making a tractor easier to look after is a key New Holland priority. All T4000 models benefit from a one-piece engine hood. This lifts on gas struts to give excellent service access. The engine air cleaner now incorporates a cyclonic pre-cleaner to increase its service life.

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 also 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.

DUAL COMMAND™ OFFERS SO MUCH MORE

The 32x16 Dual Command™ with Powershuttle transmission offers the same range split as in Split Command but under full load without using the clutch. This full load 'hi-lo' helps maintain productivity in changing conditions. Need More? Why not consider the Power Clutch option. This allows the operator to use a push button on the main shift lever to operate the clutch. Dual Command can be specified with creep speeds to increase the ratios on offer to 44x16.

A CHOICE OF AXLE TO SUIT YOUR NEEDS

ROPS and Deluxe T4000 tractors can be specified with a 2WD axle offering a turn radius as low as 3600mm or a 55° turn angle 4WD axle offering a 3890mm turn radius. The 4WD axle can be specified with oil immersed brakes to improve retardation in transport and stability in difficult terrain. Alternatively with the Auto 4WD system when both brake pedals are pressed the 4WD drive will engage to assist braking and improve safety.

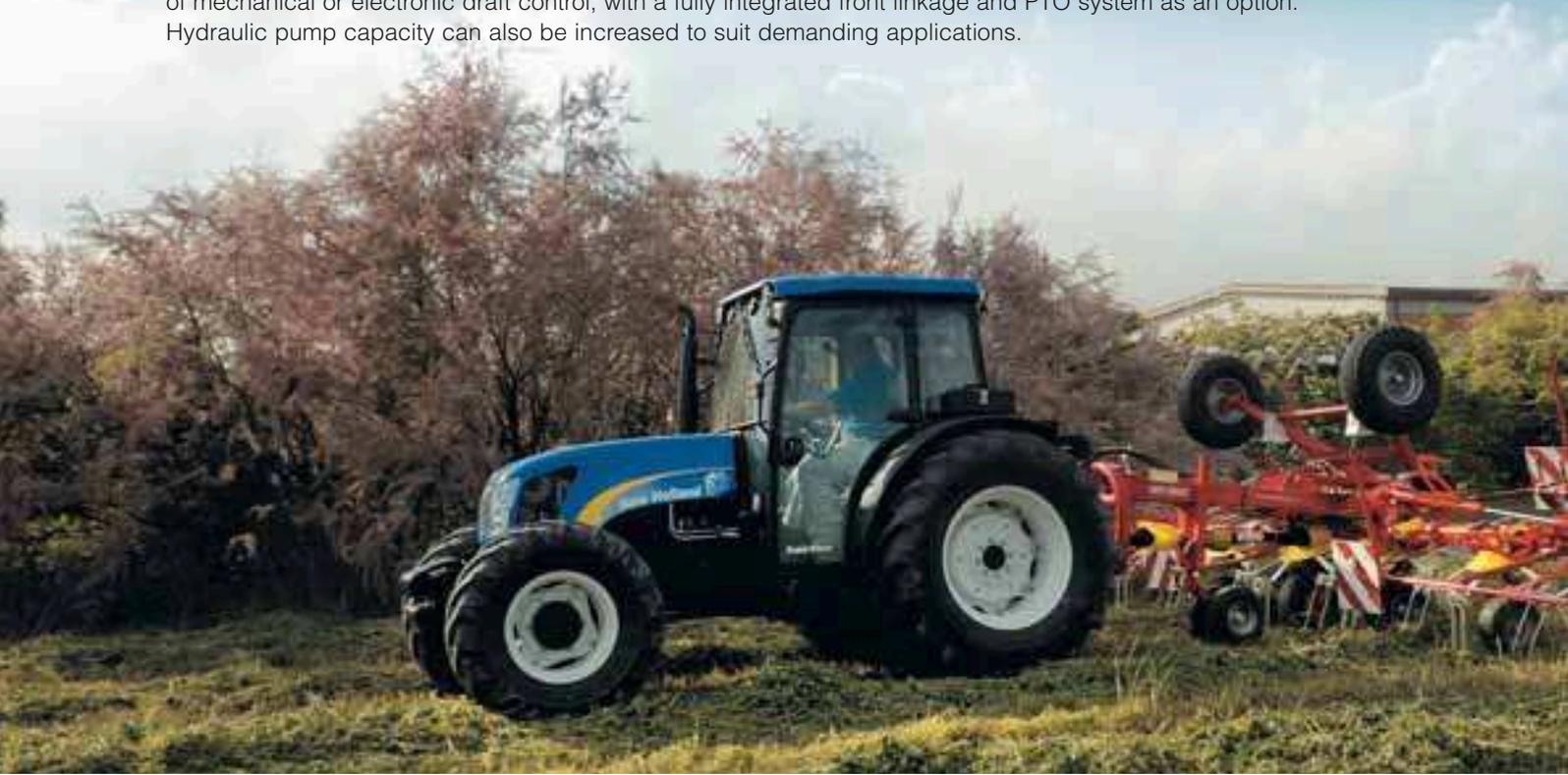
T4000 SUPERSTEER™ TRACTOR. ADVANTAGE NEW HOLLAND

SuperSteer™ front axles with Auto 4WD management are unique to New Holland. Offering an effective steering angle of 76°, a T4000 SuperSteer™ tractor can offer a turn radius as low as 3400mm for truly outstanding agility. The way in which the axle moves as the steering lock is increased helps to reduce front wheel scrub. Also as soon as the steering angle exceeds 50°, 4WD is disengaged to optimise manoeuvrability and reduce damage to sensitive surfaces. Drive to the front axle is engaged if the rear wheels slip relative to those at the front. On slopes of 10° 4WD is engaged to ensure safety when ascending or descending. When both brake pedals are pressed together, drive to the front axle is also engaged to help increase stability. A system override is standard.



SPECIFY THE TRACTOR TO SUIT THE APPLICATION

Choice is an integral part of the T4000 tractor package. This includes the specification of the PTO and hydraulics. What comes as standard is efficiency. Power to the PTO comes directly from an engine flywheel mounted clutch. This ensures that minimal power is lost between the engine and PTO powered attachments. There is also a choice of mechanical or electronic draft control, with a fully integrated front linkage and PTO system as an option. Hydraulic pump capacity can also be increased to suit demanding applications.



HOW MANY PTO SPEEDS DO YOU NEED?

All T4000 models are offered with up to four PTO speeds; ground speed, 540, 540E, 1000. These can be selected by a lever within the cab. PTO engagement is via the established New Holland servo assisted engagement lever. This reduces the operating pressure required to engage the clutch, making it a simple task to manually modulate power fed to the implement.

HYDRAULIC POWER FOR EVERY NEED

A powerful 48.6 litre/min hydraulic pump is standard on T4000. Mounted in tandem with a separate steering pump, the separate hydraulic pump will deliver its full capacity regardless of load on the steering circuit. If additional hydraulic capacity is required, a 63.8 litre/min MegaFlow™ pump can be specified.

REMOTE VALVES TO SUIT MODERN ATTACHMENTS

Modern attachments can require three or more remote valves. With T4000, this is not a problem. Up to four remote valves are available, each offering four position settings: raise, lower, neutral and float. Mid-mount outlets, with an optional joystick control, are available to power the front linkage option or a front loader.



POWERFUL FRONT LINKAGE AND PTO

All models can be specified with a purpose designed Cat II front linkage and PTO system. A key feature of the system is its ease of operation, the raise and lower control being integrated with the rear linkage controls. The stylish engine hood offers excellent visibility to front mounted implements. The PTO operates at 1,000rpm.



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. Automatically. Fender mounted lift and lower buttons are standard with EDC.



MECHANICAL HYDRAULICS WITH LIFT-O-MATIC

Where specified, 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.

REAR LINKAGE TO SUIT YOUR APPLICATION

The rear linkage is fully adjustable. Two positions enable lift out height to be altered and a third slotted position provides limited lower link float. Adjustable to match Cat I or Cat II implements, the lower links can also be specified with a choice of fixed or quick hitch link ends. Lockable lower link stabilisers, to eliminate lateral sway of mounted equipment, are standard.



A COMFORTABLE OPERATOR IS A PRODUCTIVE OPERATOR

ROPS AND DELUXE CAB T4000 TRACTORS HAVE ONE KEY FEATURE IN COMMON. OPERATOR COMFORT.

A well specified seat with a range of adjustments is the starting point, with a fully adjustable steering wheel to suit all operators ensuring the basics are just right. Then there is the positioning of the controls. New Holland has an established reputation for ergonomic excellence, and this really shows on T4000 tractors.

Sit in the six-pillar cab of a Deluxe T4000 and note how the 4m² of glazing allows brilliant all-round visibility. Note how the straddle cab design has a reduced overall height without any compromise in interior space and headroom. Take in the bright finish of the interior and the new, easy to read instrument display. **New Holland. Putting the operator at the heart of the tractor**

A VISIBLY SUPERIOR CAB

There are a number of influences that will impact upon tractor productivity. Among the most important is the operator. A comfortable operator, who is able to see clearly all round the tractor, will be able to do more, see more and perform more consistently over a long operating day. With T4000 tractors, the proven cab design of the previous TN-A series has been developed. Cab sealing is even better to keep out noise and dirt. Insulation levels are improved to keep the cab cooler in summer, warmer in winter.





ALL THE INFORMATION YOU NEED

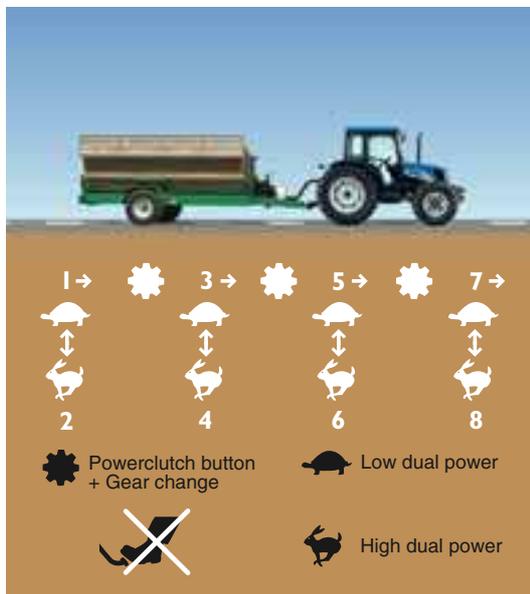
The new instrument display fitted to all T4000 tractors is easy to read and understand. The new display lists valuable information including Forward speed, PTO speed, low fuel and the next service interval.

BLUE CAB FOR HARSH ENVIRONMENTS

The Blue Cab option has thermostatically controlled air conditioning developed to suit harsh environments. A range of carbon filters can be specified to protect the operator from agro-chemicals. Recirculation vents remove dust and pollutants from within the cab. The ventilation system draws in 20% more air than standard to further improve the quality of air within the sealed cab.

BRIGHT LIGHTS FOR DARK NIGHTS

Two work lights are incorporated within the main headlight cluster. Deluxe cab tractors have four lights on the cab roof to provide broader illumination. ROPS tractors have a single rear mounted fender light.



POWERSHUTTLE AND POWER CLUTCH

Providing a full modulated and clutch pedal free shift between forward and reverse, the Powershuttle option not only boosts productivity but helps reduce operator fatigue. The same applies to the Power Clutch option. Doing away with the need to depress the clutch pedal when changing gear, the Power Clutch combines ease of use with faster shifting.

OUR REPUTATION RELIES ON DEPENDABILITY

Many thousands of hours have gone into refining and developing the T4000. This includes endurance testing in harsh environments and random production line tests to ensure T4000 tractors deliver the dependability you have come to expect from New Holland. A key development is the introduction of 600 hour service intervals for T4040 and T4050 models. This extended service interval is achieved without compromising engine longevity or long-term performance. How do we know? By carrying out rigorous testing in a wide range of operating environments.

RELIABILITY IN DETAIL

New Holland continually seeks to improve the dependability of all its products. It is this that can see detail component changes made that can help reduce whole life operating costs. All T4000 tractors benefit from experience gained with TN-A series, with detail changes to various switches and wiring connectors based on several years of service experience.



THE BEST DEALERS IN THE BUSINESS

New Holland quality encompasses far more than the product. Trained dealer service personnel have the expertise to deliver high quality after-sales support. Sales personnel can help you specify a T4000 tractor to match your demands. With New Holland, it is the quality you cannot see that puts you ahead.



BUILD THE TRACTOR YOU WANT

By offering T4000 tractors in ROPS and cab Deluxe models with SuperSteer, New Holland is able to help make choosing the right tractor for the job easier. A key New Holland advantage, however, is the choice of specification enhancements that can be made to help exactly match the tractor to specific needs.

In broad outline these can include:

- Integrated 1300kg capacity front linkage and PTO
- Sealed Blue Cab with carbon filters for harsh environments
- Megaflow hydraulics to boost hydraulic flow to 63.8lpm.
- Up to two mid-mount and four rear remote valves
- Dual Command with Power Clutch for pedal free gear shifts
- Powershuttle transmission for smooth changes in direction
- EDC for ease of operation and precision linkage control
- Thermostatically controlled Air condition for a more comfortable cab
- Front axle brakes for stability and improved stopping power
- Vertical or horizontal exhaust choice for ROPS tractors
- Choice of Agricultural or Turf tyres

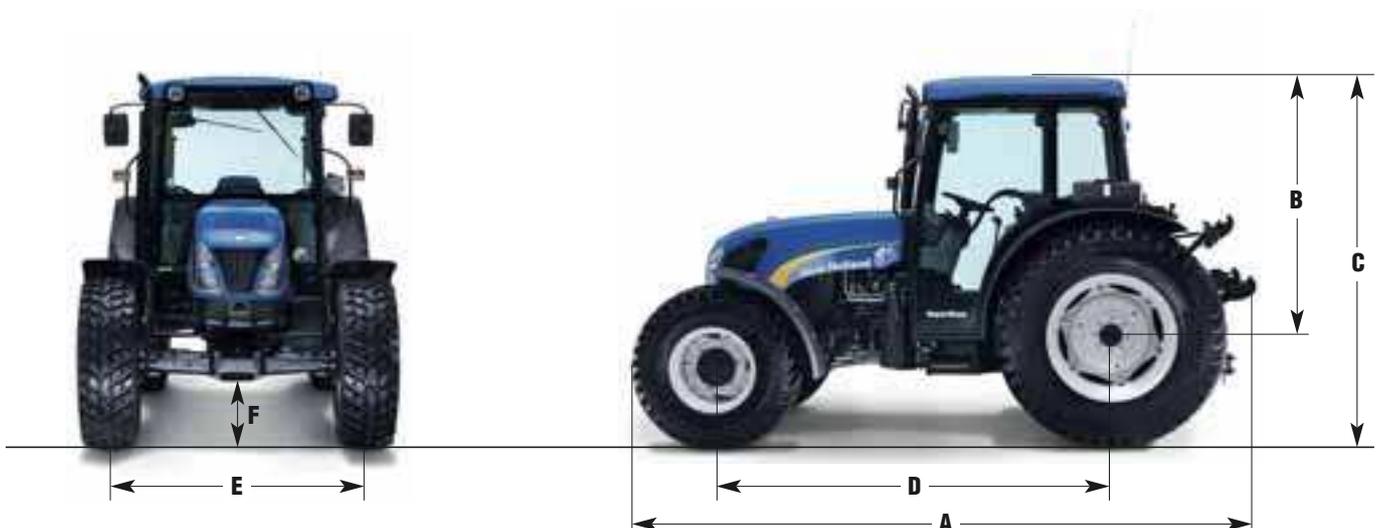


MODELS	T4O2O	T4O3O	T4O4O	T4O5O
New Holland Engine*	F5C	F5C	NEF	NEF
No. of cylinders / capacity / valves / emissions level	4 / 3200 / 2 / Tier III	4 / 3200 / 2 / Tier III	4 / 4500 / 2 / Tier III	4 / 4500 / 2 / Tier III
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged
Intercooler	●	●	●	●
Approved Biodiesel Blend	B100**	B100**	B100**	B100**
Rated engine power ISO TR14396 - ECE R120 [kW/hp(CV)]	48/65	57/78	63/86	71/97
Rated engine speed (rpm)	2300	2300	2300	2300
Max. torque ISO TR14396 at 1300rpm (Nm)	290	330	363	398
Torque reserve (%)	46	39	39	36
Internal EGR	●	●	●	●
Cooling method	Liquid	Liquid	Liquid	Liquid
Optimum fuel consumption (g/kWh)	225	223	219	219
Fuel tank capacity (l)	75	75	88	88
Service Interval (hrs)	500	500	600	600
Transmission				
Electro Hydraulic Diff. Lock (4WD)	●	●	●	●
Epicyclic reduction	●	●	●	●
Suspended pedals	●	●	●	●
Oil immersed braking system	●	●	●	●
16 x 16 Shuttle Command™ (30kph / 40kph)	●	●	●	● (4WD 40kph only)
Minimum speed (without creeper) (km/h)	0.8	0.8	0.8	0.8
28 x 16 Shuttle Command™ (Optional Creeper / 30kph / 40kph)	○	○	○	○ (4WD 40kph only)
Minimum speed (with creeper) (km/h)	0.2	0.2	0.2	0.2
32 x 16 Spilt Command™ (30kph / 40kph)	○	○	○	○ (4WD 40kph only)
Minimum speed (without creeper) (km/h)	0.7	0.7	0.7	0.7
16 x 16 Powershuttle (30kph / 40kph)	○	○	○	○ (4WD 40kph only)
Minimum speed (without creeper) (km/h)	0.8	0.8	0.8	0.8
32 x 16 Dual Command™ (30kph / 40kph)	○	○	○	○ (4WD 40kph only)
Minimum speed (without creeper) (km/h)	0.7	0.7	0.7	0.7
44 x 16 Dual Command™ (optional creeper / 30kph / 40kph)	○	○	○	○ (4WD 40kph only)
Minimum speed (with creeper) (km/h)	0.3	0.3	0.3	0.3
Power Clutch (Dual Command™ transmission only)	○	○	○	○
Front axle				
2WD front axles	○	○	○	–
4WD front axles	○	○	○	○
SuperSteer™ front axle	○	○	○	○
Auto 4WD (SuperSteer™ axle only)	○	○	○	○
2 steer rams (SuperSteer™ axle only)	○	○	○	○
Steering angle Standard / SuperSteer™ front axle (°)	55 / 76	55 / 76	55 / 76	55 / 76
Turn radius 2WD / 4WD / SuperSteer™ front axle (mm)	3670 / 3890 / 3415	3670 / 3890 / 3415	3670 / 3890 / 3415	– / 3890 / 3415
Electro Hydraulic Diff. Lock	●	●	●	●
Independent steering pump (28lpm) (36.8lpm MegaFlow™)	●	●	●	●
Oil immersed braking system	○	○	○	○
Front braking system	○	○	○	○
Axle oscillation (°)	11	11	11	11
Hydraulic system				
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 ball bar ends) (kg)	2100	2100	2100	2100
Max lift capacity at ball ends with arms horizontal (kg)	2900	2900	2900	2900
Max. no. mid mount remotes	4	4	4	4
Max. no. rear remotes	6 (4+2)	6 (4+2)	6 (4+2)	6 (4+2)
Front lift & PTO	○	○	○	○
Max. front linkage lift capacity at ball ends (kg)	1360	1360	1360	1360

MODELS
T4020
T4030
T4040
T4050

PTO				
Servo-assisted engagement	●	●	●	●
Ground speed	○	○	○	○
540	●	●	●	●
540 / 540E	○	○	○	○
540 / 540E / 1000	○	○	○	○
Operator environment				
Rubber isolation blocks	●	●	●	●
Lateral levers	●	●	●	●
Suspended platform (with ROPS)	●	●	●	●
Cab	○	○	○	○
Optional air conditioning	○	○	○	○
Blue cab	○	○	○	○
Max. noise level*** (dBA)	78	78	78	78
Dimensions & Weights****				
A Overall length 4WD (mm)	3493	3493	3580	3580
B Height at centre rear axle to top of cab (mm)	1672	1672	1672	1672
C Height to top of Rops (Up / Down) (mm)	2443 / 1930	2443 / 1930	2443 / 1930	2443 / 1930
C Height to top of cab (mm)	2332	2332	2332	2332
D Wheelbase 2WD (mm)	2115	2115	2262	–
D Wheelbase 4WD (mm)	2038	2038	2185	2185
D Wheelbase SuperSteer™ front axle (mm)	2408	2408	2495	2495
E Front wheel track setting 2WD (mm)	1365 - 2031	1365 - 2031	1365 - 2031	–
E Front wheel track setting 4WD (mm)	1545 - 1945	1545 - 1945	1545 - 1945	1545 - 1945
E Rear wheel track setting (mm)	1260 - 1932	1260 - 1932	1260 - 1932	1260 - 1932
F Ground clearance (mm)	380	380	380	380
ROPS weights**** 2WD/4WD (kg)	2620/2870	2620/2870	2700/2950	– / 3000
Cab weights***** 2WD/4WD (kg)	2820/3070	2820/3070	2900/3150	– / 3200
Max. permissible weight 2WD/4WD (kg)	4800/5250	4800/5250	4800/5250	– / 5250

* Developed by Fiat Power Train ** Conditions apply *** Cab model only **** Rear tyres 16.9R30 ***** With driver (85kg) and full fuel tank ● Standard ○ Optional – Not available



MANAGED IN CLOSE PARTNERSHIP WITH NEW HOLLAND DEALERS AND NEW HOLLAND PARTS AND SERVICE TEAMS, NEW HOLLAND TOP SERVICE IS:



TOP AVAILABILITY.

We are always there for you: 24/7, all year round! Whatever information you need, whatever your problem or request, all you have to do is call the New Holland Top Service toll free number*.



TOP SPEED.

Express parts delivery: when you need it, where you need it!



TOP PRIORITY.

Fast-track solution during the season: because your harvest can't wait!



TOP SATISFACTION.

We drive and track the solution you need, keeping you informed: until you are 100% satisfied!



TOP SERVICE

00800 64 111 111

* Calls to the Top Service team are free from landlines in the United Kingdom and Republic of Ireland. UK-based mobile calls are also free, but Republic of Ireland mobile users should call 01 2421881 and this will be charged at your standard network rate.

For more details, ask your New Holland dealer!

AT YOUR OWN DEALER



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for ROI: www.newholland.com/ie - tel: 1 800 523 174

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80011/INB

New Holland prefers **AMIRA** lubricants

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