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New Holland launches new specialist tractor offering to UK growers

- UK launch of T4 FNV specialist tractors at Fruit Focus 2017
- Unique Blue Cab 4[™] system offers highest level of operator protection from dust, aerosols and vapours
- Powerful hydraulics and front and rear linkage options provide ultimate in versatility



New Holland Agriculture launches its cleaner, quieter, more efficient T4 FNV tractors to the UK at Fruit Focus on 19 July 2017. The updated specialist tractor range benefits from more power and performance matched with economy and precision. Four models offer a choice of engine sizes and three different widths, alongside a new best-in-class cab, providing superior operator protection and comfort.

New Holland's exclusive Blue Cab[™] 4 option provides the operator with best-in-class protection against dust, aerosols and vapours, by exceeding EN 15695 category 4 for filtration and pressurisation when required during spraying. The innovative double filtration system (two filters in the same roof) allows the operator to switch to category 2, when category 4 is not required, at the press of a button. This prolongs filter life and reduces maintenance costs. Blue Cab[™] is also the quietest cab yet, at 78dB(A).

The T4 FNV tractor series is offered in three widths of 1.06m, 1.23m and 1.47m and high power to weight ratios, to suit the needs of fruit, vineyard or other narrow or row applications.

Rated power outputs for the T4 FNV Series ranges from 75hp to 107hp. New Holland's model naming system relates to the individual machines' rated horsepower, with the T4.80 rated at 75hp, the T4.90 and T4.100 at 86 and 99hp respectively, and at the highest end of the specification the T4.110 offers 107hp.

Power is delivered by a 3.4 litre four-cylinder engine purpose-developed for tractor operation by FTP Industrial. The T4.110 model produces maximum power of 107hp at 2,300rpm and is the highest output ever offered by New Holland in a speciality tractor. All models deliver constant max power between engine speeds of 1,900 and 2,300rpm.



Engine speed management (ESM) improves efficiency by precisely fuelling the engine to meet load and maintain a constant speed. It also allows the operator to programme two engine speeds, which are remembered, meaning the operator can select separate speeds for work and turns at the end of a row.

Tier 4A emissions compliance is met via a compact external Cooled Exhaust Gas Recirculation (CEGR) system and Diesel Oxidation Catalyst (DOC) after-treatment system, requiring no regeneration. This approach to emissions management reduces bulk, ensuring maximum versatility when working with side-mounted implements.



T4 FNV models are highly configurable to user requirements, with a wide choice of transmissions to suit individual needs. These include: Shuttle Command, Split Command, Powershuttle and Dual Command™. Optional creep speed is available with Shuttle Command and Dual Command™ transmissions.

The 32x16 Dual Command™ transmission allows a high / low push button ratio split to be made, under full load, in each of the forward gears. A 44x16 Dual Command™ is available to meet specialist requirements. Additional options available with Dual Command™ include clutch-less gear changes with Power Clutch and mechanical transmission locking, for improved safety with Park Lock.

The T4 FNV's fuel capacity has increased by 20 litres to 99 litres reducing fill-ups and offering longer run-time for operations. The low fuel consumption and low engine service intervals (600 hour) reduce the life operating costs of these models.

No compromises are made on functionality with high performance hydraulics, front and rear linkage, and PTO options to work a wide range of implements and attachments.

The versatile rear linkage can be adjusted to match Cat I or Cat II implements. All T4 FNV models offer high lift capacities, with the T4F offering up to 2,600kg. Remote linkage controls and quick-attach couplings are provided as standard, while optional electronic draft control provides precise rear control.

A premium hydraulic system can be specified, enabling power-hungry implements to be operated with ease. A powerful 82 litres per minute pump, separate to the power steering, ensures a dedicated flow rate to implements. Two remote valves can be set up with free-flow return to drive hydraulic motors and a choice of mid- and front-outlets to suit most needs. Optional hydraulic stabilisers on a dedicated hydraulic supply provides further flexibility, with the ability to offset attachments either side of the tractor for specific row work.





A new heavy-duty, folding front linkage system delivers a lift capacity of up to 1,970kg on all T4 FNV models. Compatible with both standard and SuperSteer™ front axles and an optional direct engine driven front PTO which transfers up to 93hp to the front implement, 7% more than the previous model.

The renowned SuperSteer™ front axle, unique to New Holland, offers an effective steering angle of 76° and a turn radius as low as 2.9m. Tighter turns are possible and a quicker turn into work for front mounted implements. The enlarged wheelbase transfers more weight to the front of the tractor, which reduces the need for front ballast when using heavy rear mounted implements. All T4 V and N tractors can be specified with a choice of 2WD or 4WD standard front axles, while T4 N and F tractors can benefit from the 4WD SuperSteer™ axle option.

Advanced traction management is provided through automatic 4WD. On slopes of 10 degrees plus, or if rear wheel slip exceeds 5%, the system automatically engages drive to the front wheels on T4 F and N models. For added safety and stability, the 4WD system is also engaged when both brake pedals are pressed. A dash-mounted switch enables engagement and release of the front and rear differentials.

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