

# T4F S Range

T4.80F S

T4.90F S

T4.100F S

T4.110F S





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# T4F S range

## The essential specialty tractor with all fundamentals

T4F S series is the brand new and optimal solution for orchard farmers and vegetable growers. These fresh specialty tractors, which display the latest New Holland styling, are all equipped with the essential features to handle a wide range of tasks in your orchards. T4F S will meet the productivity and efficiency expectations of the most demanding operations.

### Powerful & Efficient

Featured with the FPT Industrial S8000 3 cylinders 2.9 litres Stage V on the T4.80F S or the FPT Industrial's 4 cylinders 3.6 litres F5C series engine, best in class power & torque levels up to 110hp & 490Nm on the top model. The new T4F S performance is further improved with a new powerful hydraulic system 73 + 43L/min and two efficient transmission options: the Synchro Shuttle™ or the Powershuttle.

These options offer 12 forward and 12 reverse speeds, both even featuring an optional creeper speed 20 x 20 for special operations requiring very low ground speed.



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# Powerful yet compact





### **The S8000 engine**

The FPT Industrial S8000 3 cylinders 2.9 litres Stage V equips the T4.80F S only. This engine provides a maximum power of 75hp from 1700rpm to 2300rpm which gives a wide range of uses to deliver the maximum in all circumstances. The torque is not left out with 314Nm achieved at 1400rpm.

The 3 cylinders engine benefits from a dedicated Stage V system which doesn't require AdBlue and with a very compact exhaust system located on the left-hand side of the engine to guarantee a high visibility all around the tractor. The engine components have been designed to provide the lowest possible engine bonnet.

Thanks to its high performance and reliability, you will find the best engines available on the market for the whole T4F S range. To facilitate your daily tasks, it is also possible to set 2 engine speeds in memory.



### **The famous F5C engine**

Developing a maximum power from 86 to 110 horsepower, the FPT Industrial F5C 4 cylinders Stage V equips the T4.90, 100 and 110F S ROPS and CAB version.

The engine components have been designed to provide the lowest possible engine bonnet for tractors with an AdBlue system to ensure increased clearance for the operator, plus increased visibility, comfort, safety and overall versatility for the job at hand.

This new, more compact engine will bring you more working comfort for a more productive day.

### **ECOBlue™ Compact HI-eSCR 2 explained**

The entire T4F S range complies with Stage V emission standards, on the T4.90F S 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 maintenance free, and all after treatment components are concealed neatly under the hood to maintain optimum visibility to the front and sides.

# Proven mechanical simplicity

The key to versatile performance is having the right transmission speed for the application. With T4F S tractors, there are two main gearbox choices; Synchro Shuttle™ three ranges 12x12, or 20x20 with creeper, and the proven Powershuttle 12x12 or 20x20 with creeper. All transmissions share the same proven four synchromesh speeds in each range, for easy on the move gear changes. The Powershuttle can be equipped with a Park Lock system as an option, for increased safety on hilly conditions.

The spread of speeds on offer suits a wide range of applications, with a maximum speed of 40kph and a Creep Speed option for increased versatility. With the creeper option, the T4F S tractor can work down to speeds as low as 0.14kph, giving the operator a larger working range.



## Front Axle

The T4F S tractor range has a wide front axle offering:

- The T4.80 model is available with 2WD, narrow or F orchard front axles.
- The T4.90, T4.100 and T4.110 can be fitted with narrow, F orchard or F SuperSteer™ front axles.

The compactness is a key benefit to the T4F S, with an overall width between 1.35m with the narrow front axle and 1.94m with the F orchard front axle, the wide offering of front axles gives more versatility to the T4F S range.

Models		T4.80F S	T4.90F S	T4.100F S	T4.110F S
<b>Axle Offering</b>					
2WD - Flange to flange (mm)	1382	●		-	
4WD - Narrow - Flange to flange (mm)	1155		●		
4WD - F orchard - Flange to flange (mm)	1265		●		
4WD - F SuperSteer™ - Flange to flange (mm)	1271	-		●	

● Standard - Not available





### More traction makes the difference

All the front axles are a single robust casting with well protected constant velocity joints, even at full lock. Standard four wheel drive engagement is an electro-hydraulic system with a simple button.

The 40kph also benefits from enhanced transport safety due to the front axle being engaged when the brakes are applied.

Front differential lock is limited slip type as standard and available as an option for the 4WD narrow axle and F orchard axle, for the best in class traction capacities with the “dog clutch” 100% electro-hydraulic.

Used to prevent relative rotation of the wheels by locking the two sides of the differential together, this helps maintain traction on hilly or muddy conditions, especially with less ballast on the front axle.

Range	Main Shift	Speed 420/70R28 RI:650 (kph)
Low	1	0.16
	2	0.25
	3	0.37
	4	0.50
Low	1	0.54
	2	0.82
	3	1.20
	4	1.65
Medium Low	1	1.06
	2	1.61
	3	2.36
	4	3.25
Medium Low	1	3.46
	2	5.29
	3	7.74
	4	10.65
High	1	14.36
	2	21.92
	3	32.09
	4	40.00

# High hydraulic capacities

Depending on the model, the T4F S can be equipped with two different hydraulic systems, always double pump, the 3 cylinders version has a 49 + 31L/min hydraulic pump while the 4 cylinders is mounted with a 73 + 43L/min system. All models can feature many options such as:

- Up to 4 hydraulic remotes and flow controls.
- Free return hydraulic connection at the rear.
- A midmount hydraulic remote outlets.
- A midmount independent free return.



## Rear linkage

The T4F S is equipped with a strong rear HPL recognisable with its two external cylinders. With an impressive capacity of 2800kg, the T4F S is strong enough to lift all kind of rear implements. The rear linkage is also versatile with the possibility to adjust the rear hook position to achieve category 1 and 2. The Lift-O-Matic™ system gives the operator a comfortable experience while using the rear lift.



### Rear PTO

As the T4F S must be versatile, all the PTO configurations are possible with the possibility to have: 540, 540 ECO, 1000 and ground speed option. In the ROPS and in the CAB version, all the PTO commands are easy to find thanks to an ergonomic positioning inside the operator area. The PTO connection is always servo-assisted. The PTO clutch is an oil immersed type on tractor with Powershuttle transmission.



### Front PTO & linkage

The T4F S can be factory fitted with the front HPL on the 4 wheel drive axles (narrow, F orchard and F SuperSteer™), offering an impressive lift capacity of 1800kg at ball ends. This front linkage features many options like a valve to select single, double act or locked position. The front wet clutch PTO (1000rpm) can be installed on the narrow or F orchard axles to have a fully equipped tractor.

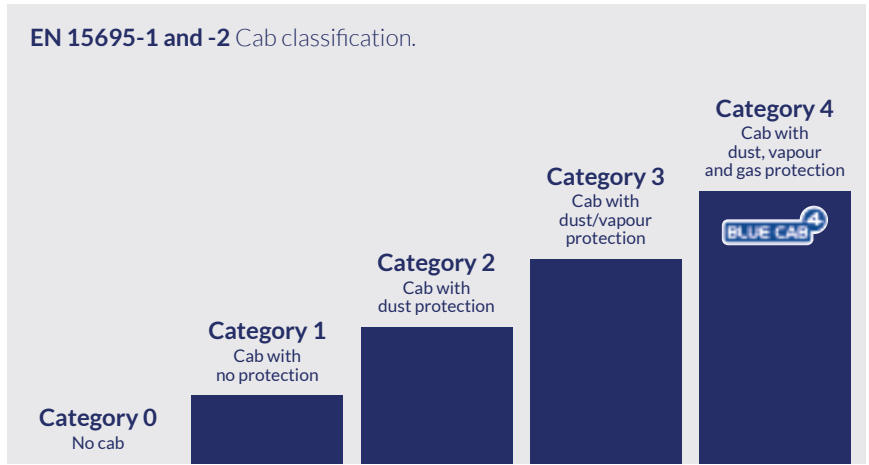
# A new cab

Comfort, ergonomic and simplicity in the daily operations are what the T4F S offers thanks to a completely new interior design. The visibility all around the tractor is optimised thanks to the 6 pillars architecture and a long windshield starting from the floor to the top of the cab. You can also find a fully adjustable steering column to always get the best driving position and a great access to the shuttle lever.

## Until the smallest details

To improve your comfort even further, we have designed the left holder for a 1.5l bottle and two useful storage areas at the back of the seat and at left hand trim.





### Blue Cab™ 4 filtration

The Blue Cab™ 4 filtration system is available on the T4F S, it offers a protection and safety for the operator during the spraying activities thanks to a double filtration system. You can activate and control the filtration status thanks to a dedicated screen located on the left-hand pillar.



### The real flat deck

In the new T4F S tractor, there is a real flat deck. Thanks to that, there is wide and easy access to driving area to keep the floor clear and more room for the operator's feet. The entry and the exit of the cab is easier, without the central tunnel interference. Brake and clutch pedals are suspended to keep the floor clear.

### Everything under control

All the controls have been positioned in an ergonomic manner with all the PTO controls and a bottle handler located on the left-hand side. The main controls, like hydraulic remotes, rpm buttons, Lift-O-Matic™ or gear lever are all well positioned on the right armrest, making them easily accessible.

Electric sockets (USB, 8A, 25A 3 pin) increase versatility to use different implements.

### A fender option for every needs

Three fenders options are available for cab tractors to meet all the rows dimensions : no fender (1270mm width), wrap&narrow fenders (1360mm) and wide&flat fenders (1607mm).

# A general 360° view

Versatile, ergonomic and comfortable, T4F S tractors are also available in ROPS version. Offering a 360° of visibility thanks to the short mud guards design, T4F S ROPS are ready for every daily tasks. Thanks to the foldable ROPS, you can work easily in greenhouse or under low orchards due to the best in class low profile dimension in front hood; especially on the 80 model. For more comfort, the tractor is equipped with suspended pedals, telescopic steering column, Lift-O-Matic™, USB socket and remote levers ergonomics.



## Focus on the detail

Because we work on the smallest details, the right hand side armrest area has been ergonomically designed to have close to the operator all the working controls. Fenders are designed to increase rear visibility.

The rear fenders' design integrates the turning and brake lights to be protected from branches and damages and can fitted in 2 height positions to fit with all the tyres offering.

Front turning lights can be moved in working conditions to be perfectly protected. A steel plate protects the fuel tank, making it ideal for chopping jobs. A rear electrical socket is available for implements or a trailer.





# New Holland Aftersales Products and Services

Make a quality choice when you choose New Holland. Start your journey with us and our network, and count on a wide range of quality products and professional services available and next to you season after season.

## GENUINE PARTS

### Top performance guaranteed at all times

Committed to keeping your machines in top condition for like-new performance, New Holland offers a wide range of Genuine Parts, manufactured to the same high standards and with the same high-quality components used in new machines.

Genuine Parts are the result of a certified supply chain and stringent tests on the conformity, the reliability and the durability, to ensure consistent high levels of safety and performance over time.



## REMAN PARTS

### Recommended for your ageing New Holland machine

Choosing the Reman range means embracing our circular product lifecycle approach with the certainty that the components fitted to your machine will be as efficient as new.

Thanks to the unrivalled know-how acquired over the last decades, New Holland is the ideal partner for such a complex and sophisticated industrial process, sustainably remanufacturing the essential components of your machine to the highest standards, guaranteeing as good as new quality at an affordable price.

## ACCESSORIES

### Tailored to your farming

Every day, New Holland implement solutions that make your machine unique and reliable, covering every single demand.

From safety to productivity, from comfort to power, the complete range of accessories is adapted to your specific activities, as single items or in kits set up by your New Holland dealer.

### Ambra lubricants

With the right lubricants, you can protect your machine, minimise maintenance and downtime and boost your performance.

Ambra lubricants line, engineered by Petronas specifically for New Holland machines, is our recommended choice.



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GENUINE  PARTS





## UPTIME SERVICE

Developed by New Holland, Uptime Service is the new, professional and flexible Planned Maintenance Programme designed to make it easier for you to manage long term routine maintenance.

Planned Maintenance is a key factor to keep your equipment always in good shape, maximising the performance and the uptime through scheduled operations carried out by professional New Holland Dealer' technicians, using only genuine parts and lubricants.

## Connected Services



New Holland FieldOps™ is the Telematics Portal to stay constantly connected with your equipment from the comfort of your office. With New Holland FieldOps™ you can monitor the locations and the usage of your fleets, manage precision farming operations, get the Dealer's remote support 24/7 and much more.

New Holland technicians operating in the Dealer's IntelliCentre, remotely monitor the connected machines preventing possible failures before they even occur.

## UPTIME SUPPORT

In high season, our Uptime Support experts are ready to support 24/7 as soon as your assistance request is recorded.

Together with your New Holland dealer, we do everything possible to provide the quickest and most effective support, until the matter is fixed and you are back in the field! You can activate Uptime Support through the Top Service phone number or MyNH App.

## UPTIME WARRANTY

With Uptime Warranty you are assured that all possible failures will be professionally fixed by specialised New Holland Dealer technicians and you won't need to pay for anything, keeping operating costs under control.

Uptime Warranty is the New Holland extended warranty program offering maximum protection, minimum cost and highest resale value.

**Included on T4F S range**



### New Holland Uptime Pack – All the best services in one pack

Uptime Pack group together the best of New Holland aftersales services in different packages designed to maximise uptime, improve operational safety, keep costs under control and increase productivity. There are three levels of support for our customer: Uptime Pack Basic, Uptime Pack Plus and Uptime Pack Premium.



Farm with peace of mind



Maximise your uptime



Stay connected with your farming



Increase your productivity



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A whole range of items are available including hard wearing work clothing and a vast selection of scale models, together with so much more. New Holland. As individual as you.

ROPS Models	T4.80F S	T4.90F S	T4.100F S	T4.110F S
<b>Engine</b>				
Model	FPT Industrial S8000 Series	FPT F36 Turbocharged Stage V with After Treatment with EGR, DOC and SCRof		
Volume / Cylinders / Valves	2.9L / 3 cylinders / 4 valves per cylinder	3.6L / 4 cylinders / 4 valves per cylinder		
Max. Power @1900rpm, ISO TR14396 - ECE R120 [kW/hp(CV)]	55/75	63/86	73/99	81/110
Max. Torque, ISO TR14396 (Nm)	341 @1400rpm	351 @1300rpm	407 @1300rpm	490 @1300rpm
Torque Backup (%)	49	34		46
Fuel Tank / AdBlue Tank (L)	72 / -	75 / 11		
Service Interval (h)		600		
<b>Transmission</b>				
12x12 Synchro Shuttle™, max. 40kph*		●		
12x12 Powershuttle, max. 40kph*		○		
20x20 Creeper Speed		○		
Min. Speed with Creeper, with 360/70R24 rear tyres (kph)		0.14		
Transmission Park Lock, Powershuttle only		○		
<b>Axles</b>				
2WD Front axle	○	-		
4WD Front axle: F orchard / narrow / F SuperSteer™	● / ○ / -	● / ○ / ○		
Front axle steering angle (narrow & F orchard / F SuperSteer™)	45° / -	45° / 76°		
Front 4WD axles diff. lock type limited slip / Dog clutch EH 100%		● / ○		
<b>PTO</b>				
Independent PTO, Servo Assisted		●		
Rear PTO Speed: 540/540E / 540/1000	● / -	● / ○		
Ground Speed PTO		○		
Front PTO (1000rpm), only F orchard & narrow axle	-	○		
<b>Hydraulics and linkages</b>				
Service Pump / Steering Pump (L/min)	49 / 31	73 / 43		
Hydraulic Trailer Brake		○		
No of Rear Remotes		2 / 3 / 4 sets		
Mid Mount Couplers		○ / 2 sets		
Free Flow Outlet		○		
Mechanical Draft Control with Lift-O-Matic™		●		
Max. Lift Capacity at ball ends (kg)		2800		
Front linkage / Front link lift capacity (kg)		○ / 1800		
<b>Cab &amp; Operator platform</b>				
Telescopic steering wheel		●		

● Standard ○ Optional - Not available \* 30kph on optional 2WD version for T4.80F S



ROPS Models	T4.80F S	T4.90F S	T4.100F S	T4.110F S
<b>Dimensions &amp; weights</b>				
Wheelbase 2WD / narrow / F orchard / F SuperSteer™ (mm)	2094 / 2140 / 2180 / -		- / 2196 / 2196 / 2481	
Dimension calculated with given tyre sizes	F orchard 4WD 280/70R16 - 380/70R24	narrow 4WD 240/70R16 - 320/70R24	F orchard 4WD 280/70R20 - 420/70R28	F SuperSteer™ 4WD 280/70R16 - 380/70R24
Front axle min. / max. track settings (mm)	1225 / 1319	1101 / 1223	1057 / 1487	1217 / 1341
Rear axle min. / max. track settings (mm)	1168 / 1369	1026 / 1272	1180 / 1517	1130 / 1369
Minimum overall width in 320/70R24 (mm)			1346	
Maximum overall width in 420/70R28 (mm)			1937	
Clearance under front axle (mm)	268	252	336	281
Total length 2WD / narrow / F orchard / F SuperSteer™ (mm)	3900 / 3900 / 3900 / -		- / 3987 / 3987 / 3900	
ROPS height from rear axle centre (mm)	2096		1892	
Hood height from rear axle centre (mm)	760		813	
Hood height from front axle centre (2WD) (mm)	948 (935)		999	1021
Rear fender height from rear axle - 2 positions (mm)			695 / 755	
Total weight (2WD) (kg)	2700 (2375)		3100	
Maximum permissible weight front (2WD) (kg)	2000 (1200)		2000	
Maximum permissible weight rear (kg)			3000	
Gross Vehicle Weight (2WD) (kg)	4500 (3700)		4500	

CAB Models	T4.80F S	T4.90F S	T4.100F S	T4.110F S
<b>Engine</b>				
Model	FPT Industrial S8000 Series	FPT F36 Turbocharged Stage V with After Treatment with EGR, DOC and SCRof		
Volume / Cylinders / Valves	2.9L / 3 cylinders / 4 valves per cylinder	3.6L / 4 cylinders / 4 valves per cylinder		
Max. Power @1900rpm, ISO TR14396 - ECE R120 [kW/hp(CV)]	55/75	63/86	73/99	81/110
Max. Torque, ISO TR14396 (Nm)	341 @1400rpm	351 @1300rpm	407 @1300rpm	490 @1300rpm
Torque Backup (%)	49	34		46
Fuel Tank / AdBlue Tank (L)	80 / -	80 / 11		
Service Interval (h)		600		
<b>Transmission</b>				
12x12 Synchro Shuttle™, max. 40kph*		●		
12x12 Powershuttle, max. 40kph*		○		
20x20 Creeper Speed		○		
Min. Speed with Creeper, with 360/70R24 rear tyres (kph)		0.14		
Transmission Park Lock, Powershuttle only		○		
<b>Axles</b>				
2WD Front axle	○	-		
4WD Front axle: F orchard / narrow / F SuperSteer™	● / ○ / -	● / ○ / ○		
Front axle steering angle (narrow & F orchard / F SuperSteer™)	45° / -	45° / 76°		
Front 4WD axles diff. lock type limited slip / Dog clutch EH 100%		○		
<b>PTO</b>				
Independent PTO, Servo Assisted		●		
Rear PTO Speed: 540/540E / 540/1000	● / -	● / ○		
Ground Speed PTO		○		
Front PTO (1000rpm), only F orchard & narrow axle	-	○		
<b>Hydraulics and linkages</b>				
Service Pump / Steering Pump (L/min)	49 / 31	73 / 43		
Hydraulic Trailer Brake		○		
No of Rear Remotes		2 / 3 / 4 sets		
Mid Mount Couplers		○ / 2 sets		
Free Flow Outlet		○		
Mechanical Draft Control with Lift-O-Matic™		●		
Max. Lift Capacity at ball ends (kg)		2800		
Front linkage / Front link lift capacity (kg)		○ / 1800		
<b>Cab &amp; Operator platform</b>				
Telescopic steering wheel		●		
Tilting steering column		●		
Blue Cab™ 4 System		○		
Air conditioning		●		

● Standard ○ Optional - Not available \* 30kph on optional 2WD version for T4.80F S



CAB Models	T4.80F S	T4.90F S	T4.100F S	T4.110F S
<b>Dimensions &amp; weights</b>				
Wheelbase 2WD / narrow / F orchard / F SuperSteer™ (mm)	2094 / 2140 / 2180 / -		- / 2196 / 2196 / 2481	
Dimension calculated with given tyre sizes	narrow 4WD 280/70R16 - 360/70R24	narrow 4WD 240/70R16 - 320/70R24	F orchard 4WD 280/70R20 - 380/70R28	F SuperSteer™ 4WD 280/70R20 - 380/70R28
Front axle min. / max. track settings (mm)	1115 / 1209	1101 / 1223	1057 / 1487	1063 / 1493
Rear axle min. / max. track settings (mm)	1148 / 1387	1026 / 1272	1180 / 1517	1164 / 1533
Minimum overall width in 320/70R24 (mm)			1346	
Maximum overall width in 420/70R28 (mm)			1937	
Cab width (mm)			1150	
Clearance under front axle (mm)	342	252	336	346
Total length 2WD / narrow / F orchard / F SuperSteer™ (mm)	3900 / 3900 / 3900 / -		- / 3987 / 3987 / 3900	
Roof height from rear axle centre (mm)			1848	
Hood height from front axle centre (2WD) (mm)	948 (935)		999	1021
Total weight (2WD) (kg)	2700 (2375)		3100	
Maximum permissible weight front (2WD) (kg)	2000 (1200)		2000	
Maximum permissible weight rear (kg)		3000		
Gross Vehicle Weight (2WD) (kg)	4500 (3700)		4500	



New Holland prefers **Ambra** lubricants



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