

TD4F

TD4.70F | TD4.80F | TD4.90F



Powerful, economics and top technology.

New Holland F5C engines of 3.2 liters meet standard Tier 3 and combine modernity and Robust design. The most important developments Recent developments in turbocharger efficiency and Cooled air intake system (intercooler) Two-valve and mechanical injection. The TD4F models are equipped with the same motors as Those used on tractors in the T4F / N / V ranges Awarded.

Motorized by FPT industrial

New Holland is not alone on engine technology. He can count on his partner's experience Engine development in-house: FPT Industrial

Pioneers: Fiat invented Common Rail technology (Common rail) in the 1980s and disseminated it to Large scale in 1997 on the Alfa Romeo 156. Always Avant-garde, Fiat was the first Apply this technology to agricultural equipment, Precisely on the tractor TS-A. Pioneers. Always.

Cleaner: over the last five years, the Cars built by the Fiat S.p.A. group had the Lowest CO2 emissions of all manufacturers Of Europe. Cleaner, everywhere.

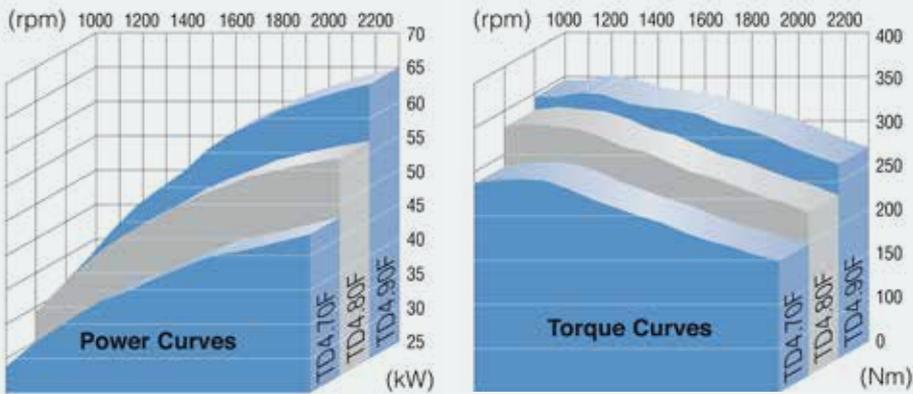
Recognized: FPT Industrial has built more than 275,000 F5C engines over the past five years. Reliability confirmed.

Long periodicity maintenance: 600 hours



Sustainable Efficient Technology





Low engine speed, high torque

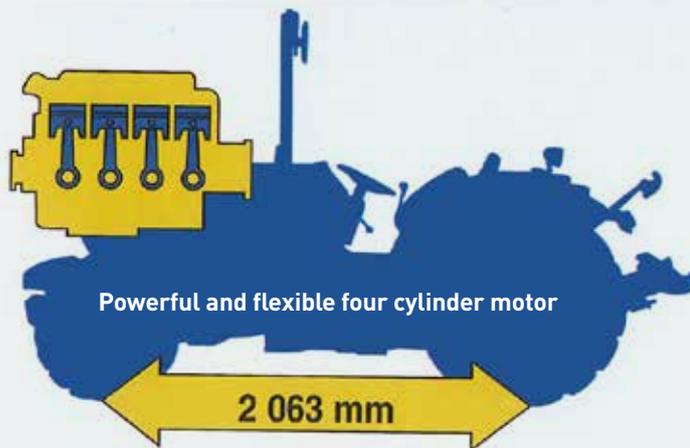
The latest generation of New Holland engines Four-cylinder, 3.2-liter, equipping tractors TD4F, reaches its maximum torque at the speed Engine reduced by 1250 rpm. The reserves of Torque reaches 46%. In difficult conditions, TD4F tractors have sufficient reserve To maintain high levels of performance.

Loans for many hours of work

New Holland has developed the TD4F Ease of maintenance. High-efficiency engines and High-capacity fuel tank, 80 liters, allow to work long hours and limit the number of Of refueling.

Fuels of today

All New Holland engines have been developed to Operate with 100% biodiesel. Contact your Dealer for more information.



Powerful and flexible four cylinder motor

2 063 mm

MOTORS 4 CYLINDERS AND REDUCED REDUCTION

Designed to work with minimal vibration, The four-cylinder engines of all TD4F models Offer the advantage of providing their power with a Flexibility in all regimes. In relation to their Low noise level, these latest-generation engines Benefit With a nominal low speed of 2,300 rpm, Which further reduces the noise level and vibration.

Reduction of the impact environmental

By meeting the requirements of the Tier 3, increasing the frequency of maintenance to 600 hours and by offering the Engines with cooled air intake (intercooler), New Holland helps reduce footprint Carbon of your business - without impact on Your daily performance.



Reputable technology. Simple use

The good speed for each task

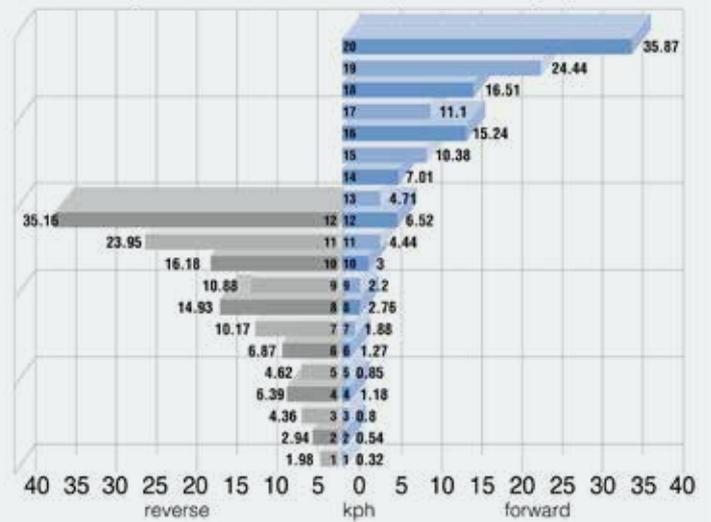
The well known transmission 20x12, with creeping speeds, is available in mechanical reversing configuration Synchro Shuttle™ in parallel with the 12x12 version. With working speeds as low as 0.25 km / h, These versatile transmissions are robust, reliable and easy to use.

Powerful brakes

The brake system has been completely redesigned to offer even more comfort and safety to the user. The race of Pedals and the greater responsiveness of the system allow impressive braking performance for a Greater safety of the user, in particular in steep slopes where the speed of activation is essential.



20x12 Synchro Shuttle™ transmission (380/70R28 Rear tyres)



New power shuttle hydraulic inverter

New Holland now installs its transmission, with Powershuttle hydraulic reverser, on Tractors TD4F. The easy-to-reach Powershuttle lever can be activated without using the pedal Of the clutch. It provides progressive and modulated inversions. As with the inverter Renamed Synchro Shuttle™, forward and reverse speeds, To work in the yard, are designed to improve productivity.



Our experience, your comfort

New Holland continues to invest in the development and development of its driving positions. The new ones TD4F tractors not only have a design in the air of time; They also benefit from a revised driving position for Always more comfort. The brake and throttle pedals have been repositioned, the hydraulic controls are easy To reach and the PTO's servo is even easier to use. You suggest. We hear you.

Ergonomics increases your productivity

The slightest detail on the layout of the driving position of a tractor can be decisive for productivity. By repositioning the Accelerator pedal and by adjusting the brake pedal orientation, the transport activities performed with the TD4F Even more comfortable. Newly installed under the steering wheel, the servo control of the PTO can be activated faster and without Need to stretch. The hydraulic levers positioned above the wings are easily visible and can be actuated



A hydraulic system meeting the needs.

All TD4F models are equipped with two pumps Hydraulic systems: one feeds the Hydraulic distributors, the other Direction and services. This design ensures Continuous availability of hydraulic flow maximum. For jobs that require a lot of The MegaFlow™ high-capacity pump is Fitted as standard. Up to four dispensers Auxiliaries are available as an option.

Easy and fast

Of hydraulic lifting Exclusivity New Holland, the order of Lift-O-Matic™ rear Raising and lowering equipment to Preset positions, using only one the sink. Quick-release arms Can be used to couple or unhitch a Equipment easily and instantly.

Hydraulic connections facilities

Located above, with more spacing Between the outlets, the auxiliary TD4F tractors are more easily visible And reachable from the driver's seat. With more spacing, the hydraulic connections Tools are more easily connected and Leave the necessary space for the beams Of hydraulic hoses.



A perfect dosage between ease of use and cost-effectiveness

Efficient high performance force

The rear power take-off of the TD4F tractors is activated by a servo-control located under the steering wheel for direct drive. This design optimizes the power transmitted to the PTO and reduces the number of wear parts. Actuated with a simple lever, the PTO clutch allows the user to gradually engage the power to an animated tool. Three PTO regimes are available: 540, 540 eco and proportional to the advancement. This last can be used for applications such as drive of a trailer driving axle. It is an ideal solution in difficult conditions or in very unstable areas.

Controlled traction by push-button

Electro-hydraulic controls The engagement of the front axle and the differential of the bridge back. This allows the user to optimize traction in difficult conditions. When it turns, the user can quickly deactivate the differential back. It is therefore possible to switch from a traction to exceptional maneuverability with a simple press on a switch.



New Holland Services.



Finance tailored to your business

New Holland Blue Leaf Finance is well established and respected within the agricultural sector. Advice and finance packages tailored to your specific needs are available. With Blue Leaf Finance, you have the peace of mind that comes from dealing with a financing company that specialises in agriculture.

Service plus - long lasting confidence

Service Plus coverage provides owners of New Holland agricultural machinery with additional cover on the expiry of the manufacturer's contractual warranty. Please ask your dealer for more details.



Trained to give you the best support

Your dedicated New Holland dealer technicians receive regular training updates. These are carried out both through on-line courses as well as intensive classroom sessions. This advanced approach ensures your dealer will always have the skills needed to look after the latest and most advanced New Holland products.



New Holland App

iBrochure - NH Weather - NH News - Farm Genius
PLM Calculator - PLM Academy



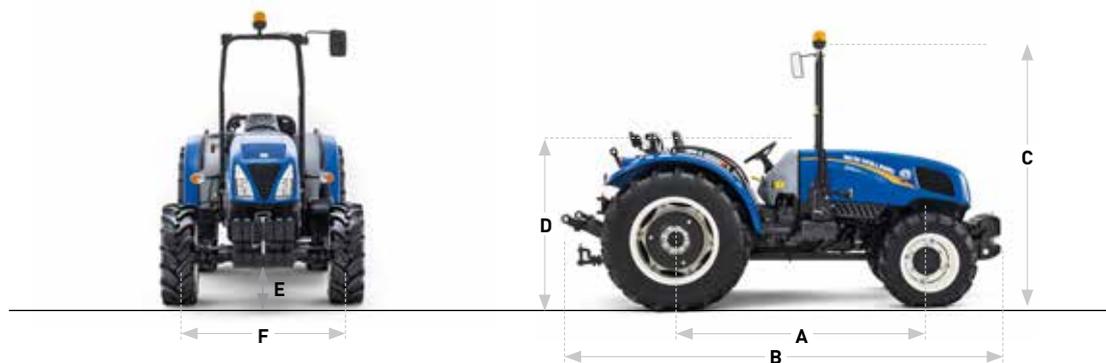
New Holland Style

Want to make New Holland a part of your everyday life? Browse the comprehensive selection on www.newhollandstyle.com. 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.

Models	TD4.70F	TD4.80F	TD4.90F
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	F5C	F5C	NEF
New Holland Engine*	F5C	F5C	NEF
No. of cylinders / Capacity / Valves / Tier-Stage emission standard	4 / 3 200 / 2 / 3-3A	4 / 3 200 / 2 / 3-3A	4 / 3 200 / 2 / 3-3A
Power supply type	Turbocompressed	Turbocompressed	Turbocompressed
Intercooler	●	●	●
Approved biodiesel Mix	B100**	B100**	B100**
Nominal power - ISO TR14396 - ECE R120 (kW / hp)	48/65	57/78	65/88
Rated Engine Speed (rpm)	2300	2300	2300
Max. Torque ISO TR14396 (Nm)	290@1250rpm	330@1250rpm	352@1300rpm
Torque reserve (%)	46	39	30
Cooling method	Liquid	Liquid	Liquid
Air filter with dust efector	●	●	●
Fuel tank capacity (L)	80	80	80
Service interval (hrs)	600	600	600
Transmission			
12x12 Powershuttle	●	●	●
Minimum speed (km/h)	1.83	2.10	2.19
12x12 Synchro Shuttle™ shuttle	○	○	○
Minimum speed (km/h)	1.83	2.10	2.19
20x12 Synchro Shuttle™ [Optional Gearbox]	●	●	●
Minimum speed (with gear unit) (km/h)	0.25	0.25	0.25
Foredeck			
Bridge 4WD	●	●	●
Steering angle	45	45	45
Pivoting front axle (°)	10 - 8 - 6	10 - 8 - 6	10 - 8 - 6
Minimum turning radius (mm)	3800	3800	3800
Differential lock AR and Front axle engagement electro-hydraulic	●	●	●
Hydraulic system			
Hydraulic flow with MegaFlow™ pump (Lpm)	61	61	61
Mechanically controlled hydraulic lifting	●	●	●
Stress control by lower arms	●	●	●
Lift-O-Matic™ device	●	●	●
Max. rear lift capacity over entire stroke to 610mm of the ball joints (kg)	1780	1780	1780
Max. rear lift capacity to horizontal ball joints (kg)	3000	3000	3000
Category of rear lift	I & II	I & II	I & II
Maximum number of rear distributors	4 (1 with flow control)	4 (1 with flow control)	4 (1 with flow control)
Maximum number of side valves	2	2	2
Order by monolevier	○	○	○
PTO			
Mechanical PTO clutch	●	●	●
Proportionate to progress	●	●	●
540	○	○	○
540/540 eco	●	●	●
Operator environment			
Suspended platform (with roll bar)	●	●	●
Comfort seat with mechanical suspension	●	●	●
Side controls	●	●	●
Weight			
Minimum weight (kg)	2820	2820	2820
Total permissible laden weight (kg)	4300	4300	4300

● Standard ○ Optional - Not available * Developed by FPT Industrial ** Under certain conditions



Models	TD4.70F	TD4.80F	TD4.90F
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Dimensions			
With rear tyres***		360/70R24	360/70R28
a - Wheelbase (mm)		2063	2063
b - Overall length (mm)		3940	3940
C - Height above the ROPS - roll bar (raised/lowered)*** (mm)		2236 / 1558	2236 / 1558
D - Height above steering wheel (mm)		1326	1326
E - Front axle clearance (with 280/70R16 tyres) (mm)		358	358
F - Front wheel tracks (min/max) (mm)		1225 / 1319	1189 / 1487
F - Rear wheel tracks (min/max) (mm)		1148 / 1513	1259 / 1659

*** Rear tires other than those indicated are also available (360 / 70R20, 360 / 70R24, 380 / 70R24, 380 / 70R28)

New Holland Top Service: customer support and customer information.



Top Availability

Please contact your local dealer if you need more information.



Top Speed

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



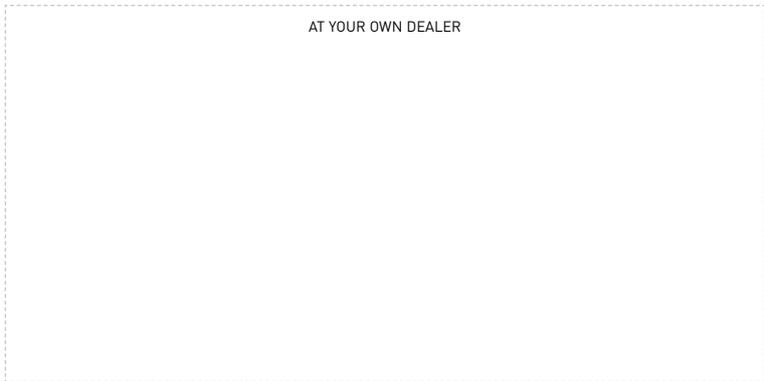
Top Priority

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!



www.newholland.co.nz

