



# NEW HOLLAND TD4000F

TD4020F | TD4030F | TD4040F





# GREAT VALUE. BRILLIANT PERFORMANCE

Powered by modern, fuel efficient four-cylinder engines, TD4000F tractors match proven design with the latest in engineering excellence. A spacious operator platform with a modern ergonomic control layout deliver comfort and simplicity. The three model TD4000F range spans 65 to 88hp(CV).



## TAILORED VERSATILITY

The TD4000F tractors have been developed by listening to customers. You asked for a rugged, easy to operate tractor series that can be low and narrow or have the higher ground clearance for true utility. With the TD4000F we offer you a choice of wheels and tyres to match these varied demands. With New Holland, genuine choice comes as standard.



## PRODUCTIVITY

Powered by exceptionally efficient four-cylinder F5C, Tier III compliant engines, as used in the T4000F/N/V tractor series, New Holland TD4000F tractors are built to perform. Torque reserves as high as 46% are matched to rear lift capacities of up to 3000kg and hydraulic flow of 55lpm with the Megaflow™ option. Up to six remote valves can be specified.







## **ECONOMICAL TO OPERATE**

New Holland TD4000F tractors have a long 500 hour engine service interval. Combined with low fuel consumption and a large 80 litre fuel tank, TD4000F tractors mean you spend more time working.

## **DEPENDABILITY**

Offering proven dependability, the TD4000F Synchro Shuttle is easy to use with a wide choice of ratios. Operators can select the ideal speed for the job for guaranteed performance and high productivity. Creep speeds are available.



## **PART OF A PROVEN FAMILY**

Just take a look at the design heritage of TD4000F tractors. From the renowned Fiat 86 series through to the well-established dependability of the modern New Holland TD5000, no other tractor comes from such a proven background.



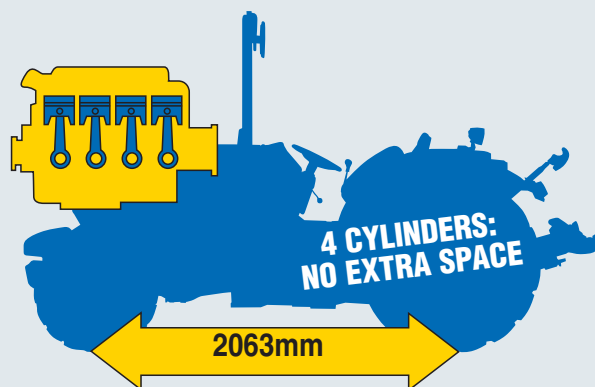


## MODERN ENGINES, ECONOMICAL POWER

New Holland F5C engines meet modern Tier III emission standards and offer a perfect balance between modern thinking and proven design. The latest advances in turbo charged and intercooled efficiency are matched to the simplicity of two-valve technology and mechanical fuel injection. TD4000F models are powered by the same engine family used in the award winning T4000F/N/V tractors series.

### SMOOTH FOUR-CYLINDER POWER

Developed to operate with minimum vibration, the four-cylinder power units of all TD4000F models have the advantage of delivering smooth power at all operating speeds. Combined with low noise, the advanced engines have a low 2300rpm rated speed to further reduce noise and vibration.



### REDUCING THE ENVIRONMENTAL IMPACT

By meeting modern Tier III emission standards, increasing engine service intervals to 500 hours and offering intercooled engine efficiency, New Holland helps you reduce the 'carbon footprint' of your business – with no impact on your productivity.



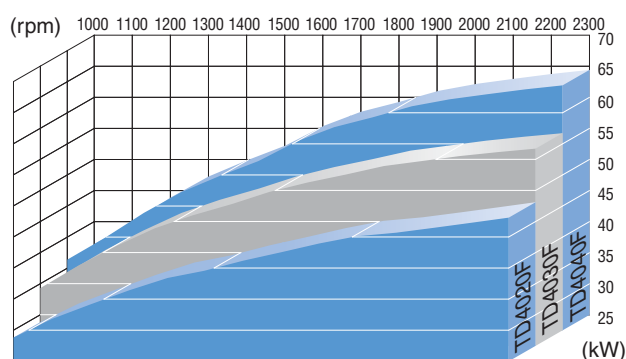
### MODERN FUELS

All New Holland engines have been engineered to run on 100% biodiesel. Contact your dealer for more information.

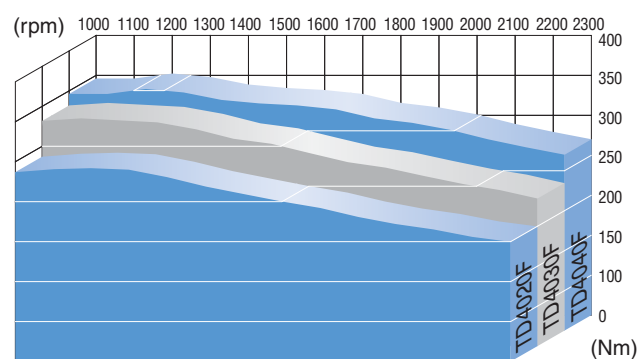


## THE CAPACITY TO KEEP YOU WORKING

New Holland has designed the TD4000F series to ensure ease of maintenance. This includes reducing the need to frequently refuel thanks to the large 80 litre fuel tank and highly efficient engines.



Power Curves



Torque Curves

## LOW SPEED, HIGH TORQUE

The latest generation four-cylinder New Holland engines powering TD4000F tractors develop maximum torque at a low 1250rpm. Torque reserves are as high as 46%. In demanding applications, TD4000F tractors have the reserves to maintain high levels of productivity.



## PROVEN TECHNOLOGY. SIMPLE CONTROL



### HOW SLOW DO YOU NEED TO GO?

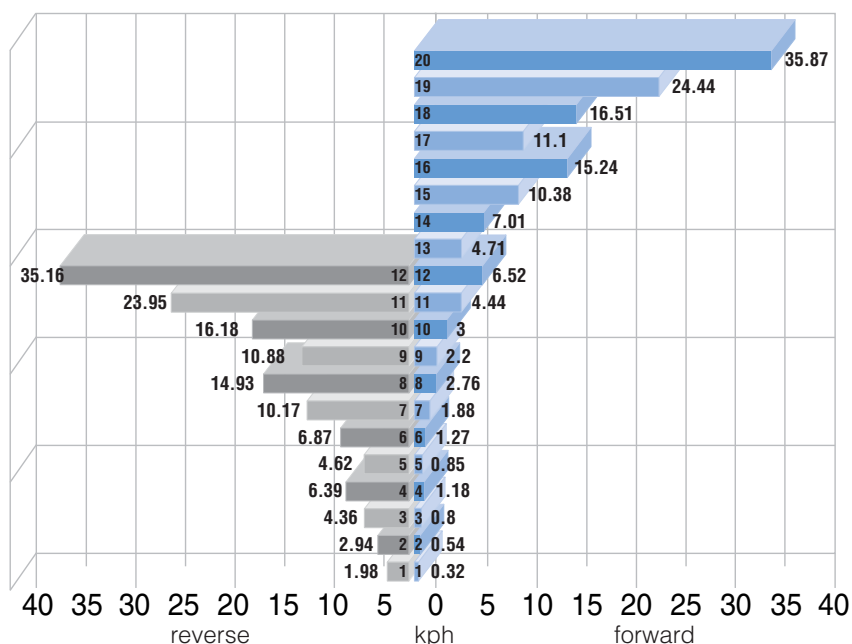
A 20x12 creep speed Synchro Shuttle transmission is available. This offers working speeds as low as 0.32kph, ideal for certain applications. All transmission have a maximum speed of 40kph as standard.

### SMOOTH DIRECTION CHANGE

The Synchro Shuttle™ system makes direction changes fast and easy. There is no need to swap ratio when changing direction. The operator just uses the dedicated shuttle lever and clutch. The result? A quick speed matched change in direction.



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





## SMALL TRACTOR DIMENSIONS, BIG TRACTOR COMFORT

Few small ROPS tractors can match a TD4000F for operator comfort. The fully suspended seat and adjustable steering can be finely tuned to enable operators of every height, weight and size to settle down to work in absolute comfort. All controls are easy to reach and identify. The platform is mounted on purpose developed mountings too reduce noise, heat and vibration reaching the operator.

### CONTROLS THAT ARE LIGHT AND EASY TO USE

All the main controls are positioned so they are easy to operate. All key transmission and hydraulic levers are grouped so the operator can use them without having to stretch.





## HYDRAULICS TO MATCH TODAY'S DEMANDS



All TD4000F models have separate power steering and hydraulic pumps. This ensures full hydraulic power is always readily available. For demanding applications, a 55lpm high capacity MegaFlow™ pump can be specified. Up to four rear valves and two mid-mount valves, with a joystick control, can be specified.



### EASY HYDRAULIC CONTROL

Unique to New Holland, Lift-O-Matic™ rear linkage control allows implements to be raised and lowered to pre-set positions using a single control. Quick-attach link arms make the fitting and removal of attachments fast and effortless.



## A PERFECT BLEND OF FEATURES, EASE OF OPERATION AND VALUE

### PUSH BUTTON TRACTION CONTROL

Electro-hydraulic controls manage both 4WD and rear differential lock engagement. This makes it easy for the operator to maximise traction in adverse conditions. When making a turn, the operator can quickly release the rear differential. Switch between maximum traction and brilliant manoeuvrability at the touch of a button.



### DIRECT AND EFFICIENT PTO

Engaged via a servo-assisted control, the rear PTO on TD4000F tractors have a direct drive PTO system. This reduces power losses and the number of parts liable to wear within the transmission. Operated by a simple hand lever, the PTO clutch allows the operator to feed power to a driven implement gradually. This reduces wear and tear. Three speeds, 540, 540E and Ground Speed, are available. Ground Speed can be used in applications that include powering the rear axle on trailers. This is ideal in difficult conditions or on extreme terrain.





MODELS	TD4020F	TD4030F	TD4040F
<b>New Holland Engine*</b>	F5C	F5C	F5C
No. of cylinders / capacity / valves / emissions level	4 / 3200 / 2 / Tier III	4 / 3200 / 2 / Tier III	4 / 3200 / 2 / Tier III
Aspiration	Turbocharged	Turbocharged	Turbocharged
Intercooler	●	●	●
Approved Biodiesel blend	B100**	B100**	B100**
Rated engine power ISO TR14396 - ECE R120 [kW/hp(CV)]	48/65	57/78	65/88
Rated engine speed (rpm)	2300	2300	2300
Max. torque ISO TR14396 (Nm)	290@1250	330@1250	352@1300
Torque reserve (%)	46	39	30
Cooling method	Liquid	Liquid	Liquid
Air filter system with dust ejector	●	●	●
Fuel tank capacity (L)	80	80	80
Service interval (hrs)	500	500	500
<b>Transmission</b>			
<b>12x12 Synchro Shuttle™ transmission (40kph)</b>	●	●	●
Minimum speed (40kph) (km/h)	1.79	1.79	1.79
<b>20x12 Synchro Shuttle™ transm. [opt. creeper (40kph)]</b>	○	○	○
Minimum speed with creeper (40kph) (km/h)	0.32	0.32	0.32
<b>Front Axle</b>			
4WD front axles	●	●	●
Steering angle (°)	45	45	45
Axle oscillation (°)	10	10	10
Min. turn radius (mm)	3800	3800	3800
Electro hydraulic diff. lock & 4WD engagement	●	●	●
<b>Hydraulic system</b>			
Standard pump flow (lpm)	45	45	45
Optional MegaFlow™ pump flow (lpm)	55	55	55
Mechanical draft control	●	●	●
Lower link draft sensing	●	●	●
Lift-O-Matic™ system	○	○	○
Continuous lift capacity through the range (610mm behind the ball bar ends) (kg)	1780	1780	1780
Max. lift capacity at ball ends with arms horizontal (kg)	3000	3000	3000
Rear linkage category	I & II	I & II	I & II
Max. no. rear remotes	4 (1 with flow control)	4 (1 with flow control)	4 (1 with flow control)
Max. no. mid mount remotes	2	2	2
Joystick control	○	○	○
<b>Front linkage</b>	○	○	○
Max. front linkage lift capacity at ball ends (kg)	1275	1275	1275
<b>PTO</b>			
Mechanical PTO engagement	●	●	●
Ground speed	●	●	●
540	○	○	○
540 / 540E	●	●	●
<b>Front PTO (1000rpm)</b>	○	○	3



MODELS		TD4020F	TD4030F	TD4040F
<b>Operator environment</b>				
Suspended platform (with ROPS)		●	●	●
Comfort suspension seat		●	●	●
Lateral levers		●	●	●
<b>Weights</b>				
Min. weights	(kg)	2670	2670	2670
Max. permissible weight	(kg)	4000	4000	4000



MODELS		TD4020F	TD4030F	TD4040F
<b>Dimensions</b>				
With rear tyre size***		360/70R24	380/70R24	380/70R28
A - Wheelbase	(mm)	2063	2063	2063
B - Overall length	(mm)	3940	3940	3940
C - Min. overall width	(mm)	1530	1550	1609
D - Height to top of ROPS (Up / Down)***	(mm)	2207 / 1472	2227 - 1492	2277 - 1542
E - Height to top of fender	(mm)	1150	1170	1220
F - Height to top of bonnet	(mm)	1295	1316	1365
G - Height to operator seat	(mm)	1124	1144	1194
H - Ground clearance	(mm)	211	232	281
I - Front wheel track setting (Min. / Max.)	(mm)	1225 - 1319	1245 - 1351	1189 - 1487
I - Rear wheel track setting (Min. / Max.)	(mm)	1148 - 1513	1148 - 1513	1148 - 1659

● Standard ○ Optional - Not Available \*Developed by FPT - Fiat Powertrain Technologies

\*\*Conditions Apply \*\*\*Rear Tyres other than those mentioned are available (360/70R24, 380/70R24, 380/70R28)



# NEW HOLLAND. AT HOME BETWEEN ROWS AND AMONG WINEGROWERS.



AT YOUR OWN DISTRIBUTOR



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New Holland with

