

NEW TK4



THE
FANTASTIC
TK4

THE IMPOSSIBLE IS THEIR SPECIALTY

 **NEW HOLLAND**

BETWEEN YOUR ROWS, SINCE DECADES THERE IS SPACE ONLY FOR NEW HOLLAND

The first 700C crawler was produced in 1932 and the first specialized tractor, the 25RS in 1951. Strong of its decades of experience, New Holland always imagines the future and adapts its products to its customers' expectations.

Only New Holland can offer such a variety of tractors, to cover all your requirements. The widest crawler range, make New Holland TK4 the leader in the field. You can choose Open Field or Mountain wide track models for different uses, in cab or ROPS versions. New Holland is ready to meet the demands of winegrowers and market gardeners and offers three ROPS models for specialty application : available in F, N and V to meet the width limits. New Holland products have the right features to adapt to every task: power, efficiency, comfort and safety. With New Holland, working becomes a real pleasure.



90 YEARS OF CONSTANT IMPROVEMENTS

Only New Holland can offer you such a wide choice of wheeled and crawler tractors. All the tractors are designed and developed to effectively work between any size row, with working widths from just 1.06m up to 2.5m. That's not all. Every New Holland product comes with the right features to do the job: powerful, efficient and clean engines, super comfortable and safe cabs to low clearance ROPS models, connected and the perfect combination of axles and hydraulics to easily manage any kind of implement.

The history of specialist tractors



1932: The 700C takes to the field and mechanises farming in Italy and worldwide.

1951: The 25RS narrow tractor has the privilege of becoming the first specialist tractor. The founder of a successful dynasty.

1965: The Diamante range is launched and benefits from Pininfarina design.

1985: The arrival of Lift-O-Matic™ technology makes it possible to keep fitted implements at a pre-set depth at all times.

1989: The Steering-O-Matic™ system makes its début, enabling operators to drive crawler tractors with one hand.

1997: The TNF range is launched. Representing the latest state of the art, SuperSteer™ and automatic 4WD drive, which until then had been the preserve of high-powered tractors, are introduced into the compact architecture of specialist tractors.

2008: The TK4000 becomes super-quiet and ultra-comfortable thanks to S-Track vibration damping technology.

2008: The T4000 F/N/V range combines the productivity and effectiveness of specialist tractors with absolute operator comfort.

2010: The TK4000 is built around the operator, with a single factory-fitted cab and unique Steering-O-Matic™ Plus technology, for one-handed driving and clutch operation.

2012: The T4 F/N/V range with mid-mount valves delivers higher productivity and enhanced ergonomics. Variable application rate technology also makes its début on this tractor.

2015: Blue Cab™ 4 option on the new T4 range of specialist tractors, with full protection against dust, aerosols and vapours.

2019: Terraglide™ front axle suspension on the T4 F/N/V ranges.

2021: New range of T4 F/N/V Stage V is launched. More power, more comfort, more technologies for every usage.

2021: The VisionView™ cab revolutionnate the specialty segment.

SUPERCOMFORT

TK4 tractors Cab and driving platform for ROPS unit are developed to provide the best driving environment for the driver. It means that they are designed to reduce the heating impact for the driver, reduce the noise level and reduce the vibration for both model, cab and ROPS.

The driver is protected from engine noise and heating thanks to a specific protection. Silent block system isolate the driving platform from the driveline.

ROPS and cab models have the pneumatic suspended seat available as an option. The cab model are equipped with air conditioning system.





SUPERSAFETY

With TK4 tractors, the operator is always working in safe conditions. Thanks to the dimensions of the step and the grabrails present on the ROPS, climb into the tractor without any efforts.

Our engineers have improved the design of the component location in accordance with the latest mandatory safety regulations for this tractor range. As a result, it offers the best-in-class tractor on the market for your safety.





SUPERPRODUCTIVITY FOR ALL YOUR TASKS



A POWERFUL HYDRAULIC SYSTEM

All the TK4 tractors are fitted with a 19L/min pump for the steering system. This pump ensure 100% oil supply to drive on every slope in safety conditions. The 80 models are fitted with an additional 36L/min pump dedicated to the hydraulic rear remotes and rear lift. For other models, the standard pump deliver 45L/min. As optional, the offer include a double pump with 54L/min for remotes and 27L/min exclusive for rear lift, providing a total flow of 81L/min, for any kind of demanding implements. A dedicated hydro cooling system ensure a good and safe working condition.



SMARTTRAX™

The SmartTrax™ tracks provide an incredible level of comfort, reducing the vibration and noise. SmartTrax™ tracks respect agricultural roads, yards and orchards. SmartTrax™ respects the soil and provides the shortest turning angle.





ECOBLUE™ COMPACT HI-ESCR 2 EXPLAINED

The entire TK4 range complies with StageV emissions standards, and above this is achieved thanks to the new Compact HI-eSCR 2 technology developed by FPT Industrial. This innovative after treatment system is a maintenance free and all after treatment components are under the hood to maintain the best visibility to the front and sides. For more safety, the hot engine components are isolated to avoid contact to the environment. The 80 models don't need the AdBlue fluid.



STEERING-O-MATIC PLUS SYSTEM

TK4 tractors are equipped with New Holland's patented Steering-O-Matic™ Plus system. Steering-O-Matic™ Plus represents technology in this segment. It offers significant improvements in safety, increased productivity and ease of use, since it allows the operator to set the direction and the steering in the left hand and the right hand is dedicated to the hydraulic and PTO controls. Transmissions used on TK4 tractors offer a choice between 8 x 8 carefully selected forward gears, to easily operation and maintaining the constant grip in any conditions. In addition, a creeper 16 x 8 is available for working at reduced speeds. TK4 tractors provide an operator's unmatched comfort, especially appreciate during long working days.

LIFT-O-MATIC PLUS

This award winning mechanical hydraulic control system allows you to raise or lower the rear linkage when making a headland turn, while maintaining position and draft settings. When pushing down or pulling up the lever; the implement immediately stops at the height corresponding to the actual position level. A gentle push or pull of this convenient lever allows for minor adjustments.



JESI PLANT

Number of workers: around 1000

Surface: 185.000 sqm

More than 750.000 tractors produced since 1949

Manufacturing processes on site:

- Driveline assembly
- Cab assembly
- Tractor assembly
- Paintshop area

Product offering:

T5 Auto Command™, T5 Dynamic Command™, T5 Electro Command™, T4 F/NV, TK4



Models	TK4.80V	TK4.80N	TK4.80F	TK4.90	TK4.90M	TK4.100	TK4.100M	TK4.110	TK4.110M
New Holland Engine*									
No. of cylinders / Capacity / Valves (n° / cm³ / n°)	4 / 3400 / 2	4 / 3400 / 2	4 / 3400 / 2	4 / 3600 / 4	4 / 3600 / 4	4 / 3600 / 4	4 / 3600 / 4	4 / 3600 / 4	4 / 3600 / 4
Emissions level	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V	Stage V
Aftertreatment system	DOC + DPF	DOC + DPF	DOC + DPF	DOC + DPF + HI-eSCR 2 + CUC	DOC + DPF + HI-eSCR 2 + CUC	DOC + DPF + HI-eSCR 2 + CUC	DOC + DPF + HI-eSCR 2 + CUC	DOC + DPF + HI-eSCR 2 + CUC	DOC + DPF + HI-eSCR 2 + CUC
Fuel system - High pressure Common Rail	●	●	●	—	—	—	—	—	—
Turbocharged Intercooler	—	—	—	●	●	●	●	●	●
Rated Engine Power ISO TR14396 - ECE R120 [kW/hp(CV)]	55/75	55/75	55/74	63/85	63/85	73/98	73/98	81/109	81/109
Max. Torque ISO TR14396 (Nm @ rpm)	320 @ 1300	320 @ 1300	320 @ 1300	351 @ 1300	351 @ 1300	407 @ 1300	407 @ 1300	490 @ 1300	490 @ 1300
Torque reserve (%)	41	41	41	34	34	34	34	46	46
Horizontal exhaust	●	●	●	●	●	●	●	●	●
EGR system	—	—	—	●	●	●	●	●	●
Cooling	—	—	—	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Standard diesel tank capacity / AdBlue (Litres)	81 / —	81 / —	81 / —	96 / 11	96 / 11	96 / 11	96 / 11	96 / 11	96 / 11
Transmission									
Shuttle gearbox (F/R)	8x8	8x8	8x8	8x8	8x8	8x8	8x8	8x8	8x8
Minimum / maximum speeds (kph)	1.6 / 11	1.6 / 11	1.6 / 11	1.7 / 12	1.7 / 12	1.7 / 12	1.7 / 12	1.7 / 12	1.7 / 12
Creep gearbox (optional) (F/R)	16x8	16x8	16x8	16x8	16x8	16x8	16x8	16x8	16x8
Minimum / maximum speeds (kph)	0.4 / 11	0.4 / 11	0.4 / 11	0.4 / 12	0.4 / 12	0.4 / 12	0.4 / 12	0.4 / 12	0.4 / 12
Steering									
Steering-O-Matic™	●	●	●	●	●	●	●	●	●
Steering-O-Matic™ Plus	○	○	○	○	○	○	○	○	○
PTO									
Type	Servoassisted dry clutch	Servoassisted dry clutch	Servoassisted dry clutch	Servoassisted dry clutch	Servoassisted dry clutch	Servoassisted dry clutch	Servoassisted dry clutch	Servoassisted dry clutch	Servoassisted dry clutch
Standard speed (rpm)	540/540E	540/540E	540/540E	540/540E	540/540E	540/540E	540/540E	540/540E	540/540E
Optional speed (rpm)	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
Hydraulics									
Dedicated steering pump (Lpm)	19	19	19	19	19	19	19	19	19
Flow rate hydraulic system (Lpm)	36	36	36	45 / 80	45 / 80	45 / 80	45 / 80	45 / 80	45 / 80
Oil cooler for 45 / 80Lpm pump	—	—	—	○ / ●	○ / ●	○ / ●	○ / ●	○ / ●	○ / ●
Lift-O-Matic Plus	●	●	●	●	●	●	●	●	●
Max. lift capacity at ball ends (kg)	3235	3235	3235	3455	3455	3455	3455	3455	3455
Max. number of rear remote valves	4	4	4	5	5	5	5	5	5
Operator comfort									
SmartTrax™	—	○	○	—	—	—	○	—	○
Operator environment									
Safety frame with folding type	●	●	●	●	●	●	●	●	●
Cab with FOPS and A/C system	—	—	—	○	○	○	○	○	○
Comfort seat with air suspension	○	○	○	○	○	○	○	○	○
Weights									
ROPS version (kg)	3505	3725	3725	4700	4700	4700	5200	4700	5200
Cab version (kg)	—	—	—	5100	5100	5100	5600	5100	5600
Tracks and dimensions									
Wheelbase (mm)	1341	1341	1341	1586	1586	1649	1649	1649	1649
Number of track rollers	4	4/5	4/5	5	5	6	6	6	6
Track width (mm)	900	1000	1100	1100	1300	1100	1300	1100	1300
Track shoe width min. / max. (mm)	250 / 270	300 / 310	300 / 350	310 / 350	350 / 400	310 / 350	400 / 450	310 / 350	400 / 450
Overall width min. / max. (mm)	1150 / 1170	1300 / 1310	1400 / 1450	1410 / 1450	1650 / 1700	1410 / 1450	1700 / 1750	1410 / 1450	1700 / 1750
Max. length (mm)	3495	3495	3495	3912	3912	3912	3912	3912	3912
Seat height (mm)	1000	1000	1000	1040	1040	1040	1040	1040	1040
ROPS / Cab height (mm)	2390 / —	2390 / —	2390 / —	2598 / 2340	2598 / 2340	2598 / 2340	2598 / 2340	2598 / 2340	2598 / 2340

● Standard ○ Optional — Not available * Developed by FPT Industrial



www.newholland.com/uk - www.newholland.com/ie



The data indicated in this folder are approximate. The models described here can be subjected to modifications without any notice by the manufacturer. The drawings and photos may refer to equipment that is either optional or intended for other countries. Please apply to our Sales Network for any further information. Published by New Holland Brand Communications. BTS Adv. - Printed in Italy - 12/23 - (Turin) - 220028/INB

New Holland prefers AMBRA lubricants