

T4F AND T4V SERIES NARROW TRACTORS

T4.80F | T4.90F | T4.100F | T4.110F

T4.80V | T4.90V | T4.100V | T4.110V



Narrow rows? No problem!

The narrow rows of orchards, nut groves and vineyards demand a tractor designed specifically for tough conditions and challenging dimensions. As the world's leading supplier of narrow tractors, New Holland offers you two tractor families. Both T4F and T4V Series tractors provide a hard-working, reliable solution in a slim and compact design.



T4F

T4V



8 Models, 4 power levels, 2 dependable tractor families

New Holland's broad selection of narrow tractors offer big engine and hydraulic power with enhanced operator safety and ergonomics in a streamlined design.

Our line-up includes the T4F Series models and the T4V Series models. Each line comes in 65, 75, 86 or 93 PTO horsepower. T4F tractors continue New Holland's legacy of providing the most stable, narrow platform tractors for narrow vineyard or mature orchard rows.

Need something even slimmer? Then look no further than the T4V family of tractors, our most slender option — ideal for extremely narrow operations.

Low-profile design

T4F and T4V tractors easily handle low-clearance situations including low-hanging vines or trellises. The **minimum cab height is 86.6 inches for T4F tractors and 89.1 inches for T4V models** (depending on tire size). Open station tractors feature a foldable mid-mount rollbar, permitting a **minimal overall height of 57.5 inches for T4F tractors and 54.5 inches for T4V tractors**.



Protecting fruit and foliage

Our sleek designs allow you to slip smoothly between rows of valuable trees or vines with less damage, ultimately adding more money to your bottom line. Sloped engine side panels improve crop protection around the engine compartment, and the horizontal exhaust and muffler located under the hood prevent tangling in vines or branches.

A new level of protection

Choose an open air platform or one of two Blue Cab™ options, including a cab with Level 4 protection* from dust, aerosols and vapors for maximum protection when spraying.

T4F
61.7 in.

89.1 in.

TURNING RADIUS
9.8 ft.

All 4 cylinder models

95.9 in.

SuperSteer™ axle wheelbase in.

T4V
43.1 in.

86.6 in.

TURNING RADIUS
10.4 ft.

All 4 cylinder models

85.5 in.

Standard axle wheelbase in.

Model	Rated HP	PTO HP	SuperSteer™ FWD	FWD	2WD	TRANSMISSIONS AVAILABLE			Open ROPS Platform	Blue Cab	Blue Cab4*
						16x16 Mechanical Shuttle	16x16 Power Shuttle	32x16 Power Shuttle			
T4.80F	74	65	●	–	–	●	●	●	●	●	●
T4.80V	74	65	–	●	●	●	●	●	●	●	●
T4.90F	84	75	●	–	–	●	●	●	●	●	●
T4.90V	84	75	–	●	●	●	●	●	●	●	●
T4.100F	98	86	●	–	–	●	●	●	●	●	●
T4.100V	98	86	–	●	●	●	●	●	●	●	●
T4.110F	106	93	●	–	–	●	●	●	●	●	●
T4.110V	106	93	–	●	●	●	●	●	●	●	●

● Available – Not Available

* in accordance with European EN 15695-2:2009 filter and EN 15695 – 1:2009 pressurization

Choose the model to fit your needs.

T4F: Turn tight corners and a tidy profit

Sleek T4F narrow tractors provide the shortest FWD row-to-row turning for the easiest maneuverability in this tractor class. They also provide Automatic Traction Control and available front three-point hitch and PTO for greater versatility between the narrow rows of orchards and nut groves.

Automatic traction control

The SuperSteer™ FWD axle includes the New Holland Tractor Management System which engages FWD, for optimum traction, braking, and steering, only when needed. The system also monitors operation on hills to control loads when moving downhill and engages FWD for extra traction when going uphill. For the most extreme operations, FWD can be fully engaged to provide maximum traction at all times.

Unmatched 76° turns with exclusive SuperSteer™ axle

All T4F Series tractors come with the patented New Holland SuperSteer FWD axle. This axle articulates as the tractor turns, combining the standard 55-degree steering angle with 21 degrees of axle articulation to provide an unmatched turning angle of 76 degrees — the best in the industry. That means you get the advantage of the shortest FWD row-to-row turning available.



3-Point hitch and PTO on front and back

For even more flexibility, add a front three-point hitch with available front PTO to power implements on front and back. The heavy-duty front hitch has a lift capacity up to 3,968 pounds. The redesigned front PTO gives you optimal performance with a purely hydraulic PTO clutch that is directly linked to the engine shaft. The rear PTO is available in 540/540E or 540/1000 rpm in order to customize to your application. The 540/540E provides additional flexibility to the operation in order to better match operations and conserve fuel.



T4V: Go where no other narrow tractor can

With a minimum **overall tractor width of 43.1 inches** (pending tire selection), our T4V Series tractors are narrow to the extreme! To enhance stability, the straddle-mount platform places the operator low on the tractor for a low center of gravity. The T4V weight and long wheelbase allow these tractors to pull heavy loads and power up steep inclines. A winning combination of stability, power, long wheelbase and slim design allows the T4V Series tractors to go where no other narrow tractor can.

2WD or FWD to meet your needs

The T4V Series tractors come standard with electro hydraulic FWD axles to provide additional traction. FWD can be turned off, set to automatic to engage FWD only when needed, or turned on full time for applications that require additional traction. A 2WD front axle is also available.



Operator comfort and protection.

With every T4F and T4V model, you can choose either an open air platform or from multiple Blue Cab™ options.

More transmission choices

The T4F and T4V give you a choice of transmissions to suit your needs. Choose the 16x16 Synchro Command™ transmission with either a synchronized mechanical shuttle or a convenient power shuttle for easy, clutch-free forward/reverse shuttling. The convenient, left-hand, column-mounted power shuttle lever leaves your right hand free to operate implements. A 32x16 Dual Command™ transmission is also available. It provides the added convenience of a push-button high/low speed adjustment and foot clutch-free gear changes using the de-clutch button while shifting.



The ultimate ride

Isolation mounting provides a smooth ride with less vibration, and a sloped hood combined with our standard light package enhances your visibility. Upgraded instruments, controls and suspended foot pedals are designed to make your work day easier. Cab models feature two doors for convenient entry and exit and a comfortable, cloth seat with optional, easy-to-adjust air suspension.





Breathe easy with two Blue Cab™ options

The New Holland Blue Cab offers two different levels of operator protection:

- **Standard Blue Cab** uses a higher-power fan for heat and air conditioning and a deluxe air filtration system that provides Level 2 dust protection.
- **NEW Blue Cab 4** features an exclusive double filtration system that can be raised from the initial Level 2 protection to Level 4 protection — the ultimate protection from dust, aerosols and vapors during spraying applications, meeting both EN 15695-2:2009 filter and EN 15695-1:2009 pressurization standards.



Responsive engine and hydraulic power.

Powerfully efficient

T4F and T4V Series tractors feature responsive, 207-cubic-inch, four-cylinder engines built by Fiat Powertrain Technologies (FPT). Their common-rail fuel-injection system provides higher engine power density, enhanced fuel efficiency, and delivers constant max power from 1,900 rpm up to 2,300 rpm to ensure the best combination of power and fuel economy.

With the engine management system, you can program two constant engine rpm speed settings so you can select the most fuel-efficient option for a specific job's needs. All engines are Tier 4A emissions compliant, using a Cooled Exhaust Gas Recirculation (CEGR) system and a Diesel Particulate Filter (DPF) to reduce your carbon footprint.



Sustainable Efficient Technology



Dual-pump hydraulic system

The T4F/T4V hydraulic system uses two separate open-center hydraulic circuits to ensure full flow for operating implements, three-point hitch and other tractor operations. All models come standard with a 16.9-gpm implement pump, and two rear remotes, with the option to upgrade to three rear remotes with flow control on the number one remote. Controlling flow on one circuit allows for the reduced flow requirements of some operations.



An optional 21-gpm implement pump is available in combination with:

- Electronic draft control
- Electronic mid-mount valve and joystick with four standard mid-mount hydraulic couplers and two additional dedicated hydraulic motor function couplers which offer 100% priority and a free return for orbital motor applications.
- Three open-center, load-sensing rear remotes with one diverter valve on cab models — eight total couplers! Six standard couplers and two flow diverting couplers that enable you to operate four hydraulic outlets (only three simultaneously).

Powerful three-point lift capacity

Large rear hitch lift capacities are standard with the T4F and T4V tractors — 4,045 pounds on the T4F and 4,400 pounds on the T4V — so you can maximize your productivity even with the largest implements.

- **The Lift-O-Matic™ feature on ROPS models** allows you to raise and lower three-point-mounted implements with the push of a button to save time and simplify operation.
- **The Lift-O-Matic™ Plus on cab models** adds a more ergonomic engagement lever.
- **An electronic draft control system** is available for cab models for more precise rear hitch control.
- **A front three-point hitch** is an option on T4F tractors to provide you with greater versatility while operating between rows. (See page 4 for more information.)

Specialty Precision Land Management (PLM™) options

New Holland offers several Precision Land Management (PLM) options for T4F and T4V specialty tractors. By managing inputs and taking advantage of live record keeping, PLM can add value to your operation and increase savings. With PLM, you can add guidance, as applied mapping, variable rate, section control on both liquid and granular applications, as well as keep environmental condition records.

By customizing applications impacted by field variability, such as changes in soil types and topography, you'll be able to better manage your operation and improve yield potential. A PLM ISO BUS-capable monitor allows you to move seamlessly between precision farming implements.

MODELS	T4.80		T4.90		T4.100		T4.110		
	V	F	V	F	V	F	V	F	
Engine									
No. of cylinders / capacity / valves / emissions level	cu. in. (L)	4 / 207 (3.4) / 2 / Tier 4B		4 / 207 (3.4) / 2 / Tier 4A		4 / 207 (3.4) / 2 / Tier 4A		4 / 207 (3.4) / 2 / Tier 4A	
Aspiration		Smart Wastegate Turbo		Smart Wastegate Turbo		Smart Wastegate Turbo		Smart Wastegate Turbo	
Intercooler		●		●		●		●	
Rated engine power SAE	hp (kw)	74 (55)		84 (63)		98 (73)		106 (79)	
Rated PTO HP	hp (kw)	65 (48)		75 (56)		86 (64)		93 (69)	
Rated engine speed	(rpm)	2300		2300		2300		2300	
Max torque ISO TR14396	ft. lb. (Nm)	228 (309)		259 (351)		300 (407)		327 (444)	
Torque reserve	(%)	36		34		34		35	
Horizontal exhaust		●		●		●		●	
Cooling method		Liquid		Liquid		Liquid		Liquid	
Fuel tank capacity	gal. (L)	17 (64) 25 (95)		17 (64) 25 (95)		17 (64) 25 (95)		17 (64) 25 (95)	
Service interval	(hrs)	600		600		600		600	
Transmission									
Suspended pedals		●		●		●		●	
Oil immersed braking system		●		●		●		●	
16 x 16 Shuttle Command™†									
Minimum speed (without creeper)	mph (kph)	.42 (.68)	.53 (.85)	.42 (.68)	.53 (.85)	.42 (.68)	.53 (.85)	.42 (.68)	.53 (.85)
16 x 16 Power Shuttle†									
Minimum speed (without creeper)	mph (kph)	.42 (.68)	.53 (.85)	.42 (.68)	.53 (.85)	.42 (.68)	.53 (.85)	.42 (.68)	.53 (.85)
32 x 16 Dual Command™†									
Minimum speed (without creeper)	mph (kph)	.35 (.57)	.43 (.70)	.35 (.57)	.43 (.70)	.35 (.57)	.43 (.70)	.35 (.57)	.43 (.70)
Front Axle									
2WD front axle		●	—	●	—	●	—	●	—
4WD front axle		●	—	●	—	●	—	●	—
SuperSteer™ front axle		—	●	—	●	—	●	—	●
Auto 4WD		●		●		●		●	
Steering angle 2WD front axle	degree*	57	—	57	—	57	—	57	—
Steering angle 4WD front axle	degree*	55	—	55	—	55	—	55	—
Steering angle SuperSteer front axle	degree*	—	76	—	76	—	76	—	76
Turn radius 2WD front axle	in. (mm)	127 (3230)	—	127 (3230)	—	127 (3230)	—	127 (3230)	—
Turn radius 4WD front axle	in. (mm)	125 (3166)	—	125 (3166)	—	125 (3166)	—	125 (3166)	—
Turn radius SuperSteer front axle	in. (mm)	—	117 (2980)	—	117 (2980)	—	117 (2980)	—	117 (2980)
Electro hydraulic diff. lock		●	●	●	●	●	●	●	●
Independent steering pump 9.2 gpm (35 Lpm)		●	●	●	●	●	●	●	●
Axle oscillation	degree*	8	8	8	8	8	8	8	8
Hydraulic System									
Standard pump flow	gpm (lpm)	16.9 (64)		16.9 (64)		16.9 (64)		16.9 (64)	
Optional Super MegaFlow™ pump flow - cab models only	gpm (lpm)	21.1 (80)		21.1 (80)		21.1 (80)		21.1 (80)	
Mechanical draft control (MDC)		●		●		●		●	
Lower link draft sensing		●		●		●		●	
Lift-O-Matic™ system - open station only		●		●		●		●	
Lift-O-Matic™ Plus system - cab models only		●		●		●		●	
Electronic draft control (EDC) - cab models only		○		○		○		○	
Constant lift capacity throughout the range 24 in. (610 mm) behind the ball bar ends	lbs. (kg)	4,400 (1996)	4,045 (1835)	4,400 (1996)	4,045 (1835)	4,400 (1996)	4,045 (1835)	4,400 (1996)	4,045 (1835)
Max lift capacity at ball ends with arms horizontal	lbs. (kg)	5,732 (2600)		5,732 (2600)		5,732 (2600)		5,732 (2600)	
Rear linkage category		I & II		I & II		I & II		I & II	
Width adjustable link ends		●		●		●		●	
Hydraulically adjustable right hand lift rod adjustment and sway restriction		○		○		○		○	
Maximum number of remote outlets, cab (rear/mid)		3 + 1 diverted / 4 + 1 motor		3 + 1 diverted / 4 + 1 motor		3 + 1 diverted / 4 + 1 motor		3 + 1 diverted / 4 + 1 motor	
Maximum number of remote outlets, rollbar (rear)		3		3		3		3	
Flow control		○		○		○		○	
Electro hydraulic mid mount valve with proportional joystick - cab models only		○		○		○		○	
Front 3 point hitch [with or without PTO]		— ○		— ○		— ○		— ○	
Max front linkage lift capacity at ball ends	lbs. (kg)	—	4,343 (1970)	—	4,343 (1970)	—	4,343 (1970)	—	4,343 (1970)

MODELS	T4.80		T4.90		T4.100		T4.110		
	V	F	V	F	V	F	V	F	
PTO									
Servo-assisted engagement		●		●		●		●	
540 / 540E		●		●		●		●	
540 / 1000		○		○		○		○	
Operator Environment									
Rubber isolation blocks		●		●		●		●	
Suspended platform (with mid mounted foldable rollbar)		●		●		●		●	
Electronic instrumentation		●		●		●		●	
Blue Cab™ with FOPS - category level 2		●		●		●		●	
Blue Cab™ 4 with FOPS - category level 4		○		○		○		○	
Air conditioning		●		●		●		●	
Dimensions & Weights**									
A Wheelbase 2WD	in. (mm)	86 [2180]	—	86 [2180]	—	86 [2180]	—	86 [2180]	—
A Wheelbase 4WD	in. (mm)	86 [2180]	—	86 [2180]	—	86 [2180]	—	86 [2180]	—
A Wheelbase SuperSteer™ front axle	in. (mm)	—	96 [2435]	—	96 [2435]	—	96 [2435]	—	96 [2435]
B Overall length 2WD (less front weights)	in. (mm)	146 [3710]	—	146 [3710]	—	146 [3710]	—	146 [3710]	—
B Overall length 4WD (less front weights)	in. (mm)	146 [3710]	—	146 [3710]	—	146 [3710]	—	146 [3710]	—
B Overall length SuperSteer front axle (less front weights)	in. (mm)	—	159 [4035]	—	159 [4035]	—	159 [4035]	—	159 [4035]
C Minimum overall width	in. (mm)	43 [1095]	62 [1569]	43 [1095]	62 [1569]	43 [1095]	62 [1569]	43 [1095]	62 [1569]
D Height to top of rollbar	in. (mm)	88 [2238]	91 [2313]	88 [2238]	91 [2313]	88 [2238]	91 [2313]	88 [2238]	91 [2313]
D Height to top of cab	in. (mm)	87 [2200]	89 [2265]	87 [2200]	89 [2265]	87 [2200]	89 [2265]	87 [2200]	89 [2265]
Height to top of hood	in. (mm)	55 [1385]	57 [1460]	55 [1385]	57 [1460]	55 [1385]	57 [1460]	55 [1385]	57 [1460]
Height to platform	in. (mm)	19 [485]	22 [560]	19 [485]	22 [560]	19 [485]	22 [560]	19 [485]	22 [560]
E Height at center rear axle to top of cab	in. (mm)	69 [1752]		69 [1752]		69 [1752]		69 [1752]	
F Ground clearance minimum	in. (mm)	7 [167]	10 [242]	7 [167]	10 [242]	7 [167]	10 [242]	7 [167]	10 [242]
G Front wheel track setting 2WD	in. (mm)	36 [904] / 40 [1004]	—	36 [904] / 40 [1004]	—	36 [904] / 40 [1004]	—	36 [904] / 40 [1004]	—
G Front wheel track setting 4WD	in. (mm)	34 [871] / 39 [995]	—	34 [871] / 39 [995]	—	34 [871] / 39 [995]	—	34 [871] / 39 [995]	—
G Front wheel track setting SuperSteer	in. (mm)	—	47 [1200] / 53 [1356]	—	47 [1200] / 53 [1356]	—	47 [1200] / 53 [1356]	—	47 [1200] / 53 [1356]
G Rear wheel track setting 4WD	in. (mm)	32 [809] / 47 [1182]	—	32 [809] / 47 [1182]	—	32 [809] / 47 [1182]	—	32 [809] / 47 [1182]	—
G Rear wheel track setting SuperSteer	in. (mm)	—	45 [1136] / 57 [1446]	—	45 [1136] / 57 [1446]	—	45 [1136] / 57 [1446]	—	45 [1136] / 57 [1446]
T4V rollbar weights: 2WD	lbs. (kg)	5,512 (2500)	—	5,512 (2500)	—	5,512 (2500)	—	5,512 (2500)	—
4WD	lbs. (kg)	5,875 (2665)	—	5,875 (2665)	—	5,875 (2665)	—	5,875 (2665)	—
T4V cab weights: 2WD	lbs. (kg)	5,732 (2600)	—	5,732 (2600)	—	5,732 (2600)	—	5,732 (2600)	—
4WD	lbs. (kg)	6,096 (2765)	—	6,096 (2765)	—	6,096 (2765)	—	6,096 (2765)	—
T4F Rollbar weights SuperSteer	lbs. (kg)	—	6,614 (3000)	—	6,614 (3000)	—	6,614 (3000)	—	6,614 (3000)
T4F cab weights SuperSteer	lbs. (kg)	—	6,834 (3100)	—	6,834 (3100)	—	6,834 (3100)	—	6,834 (3100)
Max permissible weight 2WD	lbs. (kg)	8,047 (3650)	—	8,047 (3650)	—	8,047 (3650)	—	8,047 (3650)	—
Max permissible weight 4WD	lbs. (kg)	8,378 (3800)	—	8,378 (3800)	—	8,378 (3800)	—	8,378 (3800)	—
Max permissible weight SuperSteer	lbs. (kg)	—	9,480 [4300]	—	9,480 [4300]	—	9,480 [4300]	—	9,480 [4300]

● Standard ○ Optional — Not available * Developed by FPT Industrial ** Rear Tires on T4F - 420/70R24, T4V - 11.2R24 † Approximate top speed, varies per tire size





VALUE, SERVICE AND SOLUTIONS

There's a certain way of thinking that comes from living on a farm. Farming takes equal parts brain and brawn. Not to mention thick skin, calloused hands and a fair share of know how. Seasoned farmers know it helps to have equipment that's built by farmers, sold by farmers and used by farmers.

Support at every step. When you place your confidence in New Holland agricultural equipment, you get the finest in local support. Your New Holland dealer understands the many challenges you face and stands behind you at every step with the equipment, parts, service and financial solutions to make your job easier. Look to New Holland for a complete selection of equipment, including a full line of tractors, hay & forage equipment, harvesting, crop production and material handling equipment.

Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

Financing solutions. Your New Holland dealer can tell you about smart ways to turn your financial challenges into opportunities with a portfolio of innovative financial services available through CNH Industrial Capital, including customized financing, leasing, insurance and the purchasing convenience of a Commercial Revolving Account.

For reliable equipment, parts and service — or just honest advice on farming and finance — turn to New Holland and your trusted New Holland dealer. We know. We're farmers, too.



We are proud to support the FFA.

Learn more at www.newholland.com/na

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Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.