

TS6 SERIES TRACTORS 90 TO 115 PTO HORSEPOWER

TS6.110 | TS6.120 | TS6.125 | TS6.140 | TS6.120 HC



RELIABLE, RUGGED, SIMPLE

LEAN & MEAN

TS6 Series tractors from New Holland trace their roots to 1965—to tractors famous for rock-solid construction, brute power and simple maintenance. New Holland knows that's still what's really important to you. That's why a TS6 tractor is the one tractor you can turn to day in and day out to handle any chore you throw at it. Whether it's working hard on the farm loading, haying or putting in long hours mowing along the side of the road, a Lean & Mean TS6 Series tractor from New Holland handles it all.

REAL VALUE

The TS6 Series tractors are the perfect combination of comfort, convenience, power and dependability needed to meet your tough challenges at a price that is budget-friendly. Now, *that's* real value.

COMFORT AND VALUE HAVE FINALLY MET

New Holland knows that comfortable operation means productive operation and it all starts with your operating environment. TS6 Series tractors are designed to provide you with the comfort you need to be productive all day, every day. Whether you choose a spacious flat deck or all-weather cab, both provide you with a smooth ride. Without the typical hump in the floor, you also gain plenty of legroom.



ALL-WEATHER CAB

The TS6 Series cab tractors come standard with features that keep you comfortable during long days. A front wiper, dual external mirrors and two additional work lights allow you to see well in all conditions. Heat and air conditioning keeps you comfortable in all climates. You achieve your ideal operating position with tilt steering and the cloth, mechanical-suspension seat featuring a high back and armrests. An air-suspension seat is available to enhance your comfort on bumpy ground. Windows on each side open to provide you with ample ventilation when air conditioning is not needed. The optional rear window wiper supplies additional rearward visibility for bad weather conditions.



SPACIOUS FLAT DECK

If you enjoy the open air, the flat deck platform is the perfect choice for you. The isolation-mounted platform has a wide workstation, padded and contoured mechanical-suspension seat with armrests, adjustable tilt steering wheel and great overall visibility—all as standard equipment. The optional, deluxe rubber floor mat reduces noise and vibration for a pleasant operating experience. A right-hand step option allows for entry on either side of the tractor, eliminating the need to walk around the tractor or implement. The rear hitch and throttle control levers are all conveniently located to your right, while the PTO control lever and the parking brake lever are located to your left.

TRANSMISSIONS MADE FOR THE JOB

TS6 transmissions are designed to be simple and easy to operate with the ruggedness and reliability that you expect. The new, column-mounted shuttle lever provides fingertip control for direction changes. The gear and range selection levers are comfortably located to your right. Additionally, you can tailor the transmission to the job at hand with a high-speed 25-MPH (40-KPH) option or a four-speed creeper option for the ultimate selection of slower speeds.



8X8 MECHANICAL SHUTTLE
The standard 8F x 8R mechanical shuttle transmission is a simple, economic option. This is the perfect transmission for operations like roadside mowing and haying, where forward/reverse shuttling is not often required.



8X8 HYDRAULIC SHUTTLE
With the convenience and ease of clutchless shifting, the 8F x 8R, hydraulic shuttle is great for loader work and other applications where direction changes are frequent. Rest assured that the wet clutch design will provide you with a smooth shifting, long lasting transmission. That's a win-win situation.

16X8 DUALPOWER™ HYDRAULIC SHUTTLE
The 16F x 8R DualPower™ hydraulic shuttle transmission has an additional underdrive gear for each of the eight forward speeds. With more gears to choose from, it's the ultimate option for hilly conditions and haying.

Models	Engine HP	PTO HP	Displacement cu. In. (L)	Cylinders	Transmission Choices
TS6.110	110	90	274 (4.5)	4	8F x 8R Mechanical Shuttle 8F x 8R Hydraulic Shuttle 16F x 8R DualPower™ Hydraulic Shuttle
TS6.120	118	96	274 (4.5)	4	
TS6.125	124	105	411 (6.7)	6	
TS6.140	139	115	411 (6.7)	6	

100% REAL POWERFUL VALUE

Rugged TS6 Series tractors are built to withstand the roughest conditions. Whether you are mowing along the side of the road, performing loader work, tilling, or haying, Lean & Mean TS6 tractors are built to continuously power through your application day after day.

RELIABLE AND EFFICIENT POWERHOUSES

Simple, rugged, reliable engines power the TS6 Series tractors. All engines are turbocharged, intercooled, and Tier III compliant. They are also approved for use with standard diesel fuel or B100 biodiesel (meeting ASTM 6751 standards).



FAST FUEL FILL

Fueling is kept to a minimum with the large 39.6-gallon (four-cylinder) or 62-gallon (six-cylinder) fuel tank. The side-mounted fuel tank is located under the operator platform for easy fueling from the ground. Consider the optional fuel tank guard for added protection.

EASY SERVICE

Servicing TS6 Series tractors is simple with the one-piece, flip-up hood. When it's time for service, simply lift the hood for unrestricted, hassle-free access to everything you need, with no side panels to remove.



GREATER HYDRAULIC FLOW

TS6 Series tractors have ample hydraulic flow for those implements that demand it. The dual-pump, open-center hydraulic system comes standard with a 13-gpm implement pump. If you need more hydraulic power, boost the system with the addition of a 9-gpm auxiliary pump to meet those demands. The dedicated 9-gpm steering pump means steering and services are unaffected by rear implement hydraulic needs.

CHOICE OF REMOTE VALVES

TS6 Series tractors come standard with two closed-center deluxe rear remotes with flow controls and adjustable detents to manage the flow from tractor to implement. If additional remotes are required, you can equip a TS6 Series tractor with four closed-center, deluxe rear remotes to operate multiple hydraulic operations at once. All remote lever controls are comfortably located to your right for ease of use and are color coded with the rear remotes to simplify implement hookup and operation.





HEAVY LIFTING

Heavy three-point-mounted implements are handled with ease. The standard 3,600-pound lift capacity is capable of lifting heavy implements. If you need more lift capacity for heavier implements, add an additional lift ram to increase your capacity to 5,400 pounds. Need even more capacity? No problem. Add two optional lift rams to increase your capacity to an impressive 7,200 pounds.

EASY HOOKUP

No matter how heavy your implement is, the standard telescoping stabilizers and flexible link ends provide easy hook up to any three-point-hitch-mounted implement. You can fine-tune adjustments when hooking up by using the optional, external rear control to raise and lower the three-point hitch from the ground. Controlling the rear hitch and draft control from inside the cab is a breeze using control levers located conveniently in front of the rear remote control levers.



SWINGING DRAWBAR

A swinging drawbar is standard equipment to simplify hookup of tow-behind implements. An optional clevis type drawbar is available if you desire.

CHOOSE A FRONT AXLE JUST RIGHT FOR THE JOB

A variety of different front axles are available so that the TS6 series tractors can be equipped to perform a multitude of different tasks. If you need a simple powerhouse, the 2WD front axle is the choice for you. On the TS6.110 and TS6.120, you can choose from a standard-duty 2WD front axle for everyday use or the heavy-duty 2WD front axle if heavy loader work will be required. This heavy duty axle is standard on the TS6.125 and TS6.140. If you need more traction and pull, upgrade to the FWD front axle. A Class 3 FWD axle powers through applications on the two four-cylinder models, while the six-cylinder TS6.125 and TS6.140 boast heavy-duty Class 4 FWD axle that handles the additional weight and stresses that come with higher-horsepower applications.

BAR OR FLANGE AXLE

If you are haying, mowing, or simply unconcerned with row spacing, the standard heavy-duty flange axle is right for you. However, if you do need row spacing flexibility to prevent crop damage, the optional 98-inch bar axle is the right choice. This axle also gives you the option of using dual rear wheels for increased flotation.



IMPRESSIVE LOADER PACKAGES

Outfit your TS6 Series tractor with the loader that is right for you. Choose from the premium 805TL Series loaders for heavy-duty, high-use applications or the value 645TL (TS6.110 and TS6.120 only) for basic duty. The choice of loaders allows you to tailor the TS6 to your needs. The 645TL was specifically designed for basic loader work around the farm, with up to 2,976 pounds of lift capacity to handle normal chores as well as the occasional round bale or heavy load. When loader work consumes more than 200 hours per year, the premium 805TL Series loader is the choice for you. The 805TL Series loaders have lift capacities up to 4,189 pounds (six-cylinder models), which is more than enough to repeatedly lift round bales or heavy bucket loads.



EASY, COMFORTABLE OPERATION

An easy-to-use, adjustable joystick control makes loader operation simple and comfortable. Add the optional mechanical self-leveling system to eliminate spills and increase the speed of your loader chores. A wide variety of attachment options are available for both series of loaders, including a bucket and grapple, pallet forks and a bale spear/spike attachment. Both the 645TL and the 835TL are available with a Skid Steer style quick-attach faceplate so you can use your current skid steer attachments or a Euro "Global"-style quick-attach faceplate for a more durable and rugged attachment connection. The 845TL comes standard with the Euro-style faceplate to withstand heavy bucket loads and rugged applications with ease.



Loader Model	Value Loader		Premium Loader			
	645TL		835TL		845TL	
	Four-cylinder		Four-cylinder		Six-cylinder	
	TS6.110, TS6.120		TS6.110, TS6.120		TS6.125, TS6.140	
Loader Type, NSL (Non Self/Leveling) or MSL (Mechanical Self/Leveling)	MSL	NSL	MSL	NSL	MSL	NSL
Maximum Lift Height (feet):	11.9	11.9	12.3	12.3	13.1	13.1
Dump Clearance (feet):	9.2	9.2	9.2	9.2	9.9	9.9
Digging Depth (inches):	7.5	7.5	4.7	4.7	5.5	5.5
Lift Capacity @ 800mm from bucket pivot point (lbs.):	2,976	2,403	3,131	2,932	4,189	3,527
Breakout Force @ 800mm from bucket pivot point (lbs.):	3,483	3,902	3,836	3,549	4,784	3,704
Reach @ Maximum Lift (inches):	0.0	0.0	33.5	33.5	28.3	28.3
Reach @ Ground Level (inches):	90.9	90.9	92.1	92.1	100.8	100.8
Bucket Rollback Angle (degrees):	44	44	46	46	45	45
Bucket Dump Angle (degrees):	49	49	59	59	55	55

TS6 SERIES ALL PURPOSE SPECIFICATIONS

MODELS		TS6.110	TS6.120	TS6.125	TS6.140
Power					
Engine type		4 cylinder diesel	4 cylinder diesel	6 cylinder diesel	6 cylinder diesel
Make / Model		NH NEF	NH NEF	NH NEF	NH NEF
Displacement	cu. in (L)	274 (4.5)	274 (4.5)	411 (6.7)	411 (6.7)
Aspiration		Turbo/ intercooled	Turbo/ intercooled	Turbo/ intercooled	Turbo/ intercooled
Gross engine HP		110	118	124	139
PTO HP		90	96	105	115
Emissions certification		US EPA tier III	US EPA tier III	US EPA tier III	US EPA tier III
Electrical					
Alternator	amps	120	120	120	120
Battery		12 volt 950 CCA	12 volt 950 CCA	12 volt 950 CCA	12 volt 950 CCA
Transmission					
Base		8x8 synchronized mechanical shuttle w/ left hand shuttle		8x8 synchronized mechanical shuttle w/ left hand shuttle	
Option 1		8x8 synchronized hydraulic shuttle w/ left hand shuttle		8x8 synchronized hydraulic shuttle w/ left hand shuttle	
Option 2		16x8 dual power synchronized hydraulic shuttle w/ left hand shuttle		16x8 dual power synchronized hydraulic shuttle w/ left hand shuttle	
Creeper option		Available - all transmissions		Available - all transmissions	
PTO					
Type		Fully independent wet clutch	Fully independent wet clutch	Fully independent wet clutch	Fully independent wet clutch
Base speed		540/1000	540/1000	540/1000	540/1000
3 Point Hitch					
Category		II w/ flex link ends	II w/ flex link ends	II w/ flex link ends	II w/ flex link ends
Draft sensing		Top link	Top link	Top link	Top link
Base ASAE lift capacity	lbs. (kg)	3600 (1633)	3600 (1633)	3600 (1633)	3600 (1633)
Option 1 ASAE lift capacity	lbs. (kg)	5400 (2449)	5400 (2449)	5400 (2449)	5400 (2449)
Option 2 ASAE lift capacity	lbs. (kg)	7200 (3266)	7200 (3266)	7200 (3266)	7200 (3266)
Hydraulics					
Implement pump flow	gpm (l/m)	13 (49)	13 (49)	13 (49)	13 (49)
Optional auxiliary pump	gpm (l/m)	9 (34)	9 (34)	9 (34)	9 (34)
Steering pump flow	gpm (l/m)	9 (34)	9 (34)	9 (34)	9 (34)
Axles					
Front 2WD adjustable tread width	in. (mm)	56 to 80 (1422 to 2032)	56 to 80 (1422 to 2032)	56 to 80 (1422 to 2032)	56 to 80 (1422 to 2032)
Front FWD adjustable tread width	in. (mm)	64 to 80 (1626 to 2032)	64 to 80 (1626 to 2032)	64 to 80 (1626 to 2032)	64 to 80 (1626 to 2032)
Flange axle:					
Rear adjustable tread width	in. (mm)	64 to 80 (1626 to 2032)	64 to 80 (1626 to 2032)	64 to 80 (1626 to 2032)	64 to 80 (1626 to 203.2)
Optional bar axle:					
Rear adjustable tread width	in. (mm)	62 to 92 (1575 to 2337)	62 to 92 (1575 to 2337)	62 to 92 (1575 to 2337)	62 to 92 (1575 to 2337)
Front axle turn angle (2WD/ FWD)	degrees	55	55	55	55
Weight					
Minimum shipping weight	lbs. (kg)				
2WD ROPS		7524 (3413)	7524 (3413)	7965 (3613)	7965 (3613)
4WD ROPS		8109 (3678)	8109 (3678)	8549 (3878)	8549 (3878)
2WD cab		7910 (3588)	7910 (3588)	8351 (3788)	8351 (3788)
4WD cab		8847 (4013)	8847 (4013)	9288 (4213)	9288 (4213)
Dimensions*					
Overall length	in. (mm)	166 (4216)	166 (4216)	166 (4216)	166 (4216)
2WD	in. (mm)	162 (4115)	162 (4115)	165 (4191)	165 (4191)
FWD	in. (mm)	166 (4216)	166 (4216)	169 (4293)	169 (4293)
Height, top of ROPS	in. (mm)	116 (2959)	116 (2959)	116 (2959)	116 (2959)
Height, top of cab	in. (mm)	111 (2816)	111 (2816)	111 (2816)	111 (2816)
Height, top of exhaust	in. (mm)	116 (2959)	116 (2959)	116 (2959)	116 (2959)
Key Configurations:					
2WD ROPS		Available	Available	Available	Available
4WD ROPS		Available	Available	Available	Available
2WD cab		Available	Available	Available	Available
4WD cab		Available	Available	Available	Available
Hi clearance (4WD only)		NA	Available	NA	NA

* Dimensions shown are with 18.4x34 rear tires.

RISE ABOVE

New Holland designed the TS6.120 High-Clearance tractor with vegetable and specialty crop farmers in mind.

CLEARANCE WHEN IT MATTERS

New Holland understands that clearance is critically important to the success of some farming operations. With a maximum crop clearance of 30 inches at the drawbar (25.4 inches under the front axle), the TS6.120 High Clearance tractor nimbly maneuvers down rows of specialty crops with ease. In order to match the needs of different farming practices and row spacing, the front axle adjusts from 72 to 84 inches.

COMFORT ON HIGH

If maximum comfort is on your mind, choose the all-weather cab and control your own climate. However, if you enjoy being outdoors, choose the spacious flat-deck platform.

THE TRANSMISSION YOU NEED

The TS6.120 is available with a choice of three reliable transmissions that include the additional creeper gears to provide the ultra-slow speeds needed for precise movement through the rows during cultivating and harvest.

TRACTION WHEN YOU NEED IT

Standard electro-hydraulically activated front-wheel drive (FWD) allows you to engage FWD on-the-go for extra traction and reduced wheel slip.





Model	Engine HP	PTO HP	Displacement cu. In. (L)	Transmission Options
TS6.120HC	118	96	274 (4.5)	12F x 12R Mechanical Shuttle (includes 4-speed creeper)
				12F x 12R Hydraulic Shuttle (includes 4-speed creeper)
				24F x 12R DualPower™ (includes 4-speed creeper)

TS6 SERIES HIGH-CLEARANCE SPECIFICATIONS

MODELS

TS6.120

Power		
Engine type		4 cylinder diesel
Make / Model		NH NEF
Displacement	cu. in. (L)	274 (4.5)
Aspiration		Turbo/ intercooled
Gross engine HP		118
PTO HP		96
Emissions certification		US EPA tier III
Electrical		
Alternator	Amps	120
Battery		12 volt 950 CCA
Transmission		
Base		8x8 synchronized mechanical shuttle w/ left hand shuttle
Option 1		8x8 synchronized hydraulic shuttle w/ left hand shuttle
Option 2		16x8 dual power synchronized hydraulic shuttle w/ left hand shuttle
Creeper option		4-Speed, standard all transmissions
PTO		
Type		Fully independent wet clutch
Base speed		540/1000
3 Point Hitch		
Category		II w/ flex link ends
Draft sensing		Top link
Base ASAE lift capacity	lbs. (kg)	3600 (1633)
Option 1 ASAE lift capacity	lbs. (kg)	5400 (2449)
Option 2 ASAE lift capacity	lbs. (kg)	7200 (3266)
Hydraulics		
Implement pump flow	gpm (l/m)	13 (49)
Optional auxiliary pump	gpm (l/m)	9 (34)
Steering pump flow	gpm (l/m)	9 (34)
Axles		
Front FWD adjustable tread width	in. (mm)	72 to 84 (182.9 to 213.4)
Flange axle:		
Rear adjustable tread width	in. (mm)	72 to 84 (182.9 to 213.4)
Front axle turn angle (FWD)	degrees	55
Weight		
Minimum shipping weight:	lbs. (kg)	
4WD ROPS		8789 (3987)
4WD cab		9528 (4322)
Dimensions*		
Overall length	in. (mm)	158 (4007)
Height, top of ROPS	in. (mm)	128 (3254)
Height, top of cab	in. (mm)	122 (3111)
Maximum front axle clearance	in. (mm)	25.4 (645)
Maximum rear axle centerline clearance, under swinging drawbar	in. (mm)	29.9 (759)
Key Configurations		
4WD ROPS		Available
4WD cab		Available

* Dimensions shown are with 13.6X38 rear tires.



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. You might call that instinct, but we call it fieldSMART.

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.

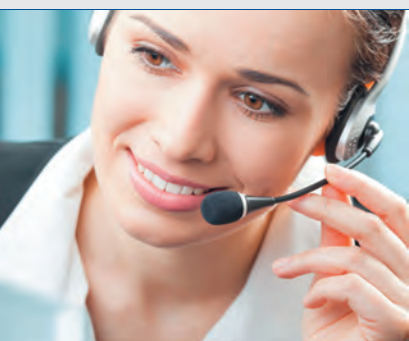
Quality parts and service. Turn to your New Holland dealer after the sale for expert, factory-trained service and genuine New Holland-branded parts. Your dealer has the very latest service updates and training to ensure your equipment keeps working productively season after season.

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 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.

NEW HOLLAND TOP SERVICESM

TOTAL SUPPORT, TIMELY INFORMATION FOR NEW HOLLAND CUSTOMERS.



TOP AVAILABILITY

Year-round support and information — just by calling one toll-free number.



TOP SPEED

Express parts delivery when and where you need it.



TOP PRIORITY

Fast-track solutions maximize your productivity — because your harvest can't wait.



TOP SATISFACTION

We drive and track the solution you need, keeping you informed — until you are back to work.

TOP SERVICE IS MANAGED IN CLOSE PARTNERSHIP WITH NEW HOLLAND DEALERS AND SERVICE TEAMS.



We are proud to support the FFA.

Learn more at www.newholland.com/na

Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.

© 2012 CNH America LLC. All rights reserved. New Holland and CNH Capital are registered trademarks of CNH America LLC. Any trademarks referred to herein, in association with goods and/or services of companies other than CNH America LLC, are the property of those respective companies.



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.

NH31TS611050 • 081220 • SG • PRINTED IN U.S.A.