

New Holland TS-A Series Tractors 80 to 115 PTO hp

TS100A TS115A TS125A TS135A



NEW HOLLAND



Kick your efficiency into high gear

Rugged, versatile TS-A Series tractors boost your productivity and comfort.

New TS-A Series tractors from New Holland not only handle your jobs more efficiently, they help *you* work more comfortably and productively, too. TS-A tractors are a natural choice for haying operations and heavy loader work, and have the rugged versatility to tackle roadside mowing or row crop applications. What sets the TS-A Series tractors

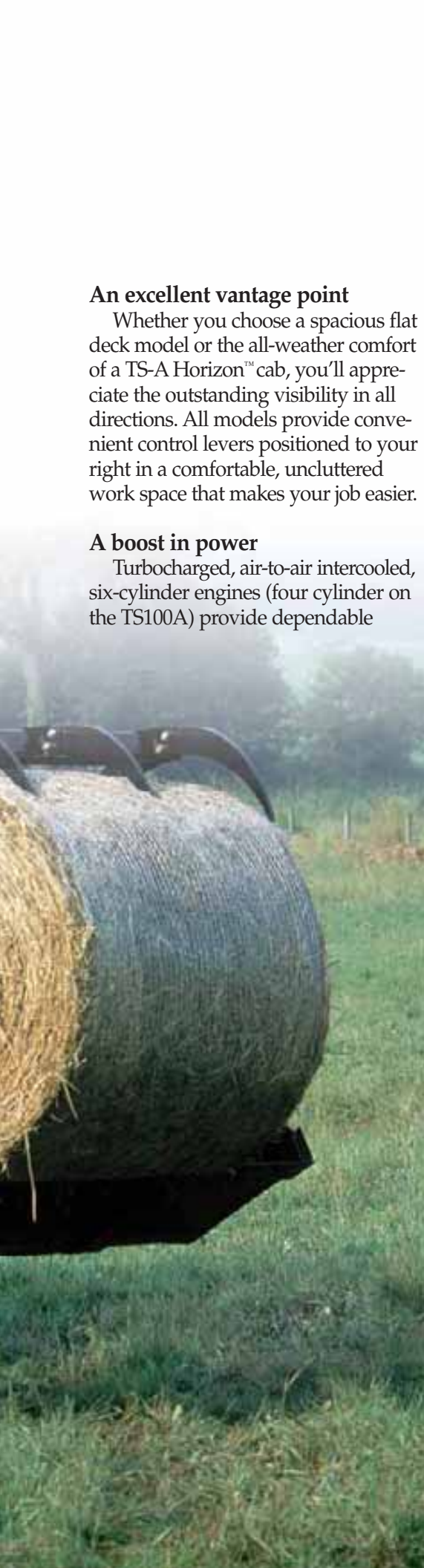
apart from the rest is a very long list of performance-boosting features.

A model to match your needs

TS-A tractors are available in three levels of specification—Standard, Plus and Deluxe. The TS100A and TS115A are available in the Standard configuration, offering exceptional reliability, performance and economy. All models

except the largest, the TS135A, are available in the Plus configuration which provides exceptional value, with a choice of transmission and number of rear remotes. All models are available in the Deluxe configuration which provides an impressive list of standard and optional features designed to enhance your productivity and comfort.





An excellent vantage point

Whether you choose a spacious flat deck model or the all-weather comfort of a TS-A Horizon™ cab, you'll appreciate the outstanding visibility in all directions. All models provide convenient control levers positioned to your right in a comfortable, uncluttered work space that makes your job easier.

A boost in power

Turbocharged, air-to-air intercooled, six-cylinder engines (four cylinder on the TS100A) provide dependable

power for your toughest jobs. Electronic power management on the two larger models provides a power boost of up to 25 horsepower to maintain rated PTO hp during difficult crop conditions or terrain.

Smooth shifting

You choose the TS-A transmission that best suits the work you do. There's the economical 12 x 12 Synchro Command™ transmission with mechanical shuttle (TS100A and TS115A only), the 24 x 24 Dual Command™ transmission with power shuttle, the 16 x 16 Electrosift™ transmission with power shuttle (TS100A and TS115A only), or the 16 x 16 Autosift™ transmission with power shuttle and programmable shift points. All transmissions offer the convenience of a dedicated, column-mounted, left-hand shuttle lever, and all are available with creeper speeds (available in forward and reverse) for low-speed applications.

Efficient hydraulics

TS-A tractors use a dedicated pump for steering and transmission hydraulic needs, while a second dedicated pump delivers ample flow to handle loader work, hitch, rear remotes and other hydraulic applica-

tions. This two-pump system provides impressive hydraulic power. Competitive systems rely on only one pump. You also get the benefit of an impressive 9,285-pound, three-point lift capacity (9,620 pounds on Deluxe cab models, 12,185 pounds for TS135A models). Now you can use larger implements to get more work done with each pass.

Four axle choices

New Holland offers four axle options to help you handle your terrain, soil conditions and implements most effectively. Choose 2WD or FWD, and on Deluxe models, you also get the choice of the Terraglide™ suspended FWD axle or New Holland's patented SuperSteer™ FWD axle. The exclusive New Holland SuperSteer™ FWD axle makes maneuvering in tight quarters easy, and saves you time and travel distance when making headland turns. Or to improve traction and smooth the bumps of rough roads or terrain, choose the TerraGlide™ suspended FWD axle.

Kick your efficiency into high gear. See your New Holland dealer — to get a firsthand look at the TS-A Series tractors.

Model	PTO hp	Operator Station	Axle Choices
TS100A	80	Flat deck or Cab	2WD, FWD, or (Deluxe models only) SuperSteer™ FWD
TS115A	95	Flat deck or Cab	2WD, FWD, or (Deluxe models only) SuperSteer™ FWD or (Deluxe cab models only) Terraglide™ FWD
TS125A	105	Flat deck or Cab	2WD, FWD, or (Deluxe models only) SuperSteer™ FWD or (Deluxe cab models only) Terraglide™ FWD
TS135A	115	Cab only	2WD, FWD, or (Deluxe models only) SuperSteer™ FWD or (Deluxe cab models only) Terraglide™ FWD

Power that's up to the challenge

Handle tough conditions with a power boost of up to 25 horsepower.

You encounter tough conditions every day, and TS-A tractor engines are equal to the task. Turbocharged, six-cylinder diesel engines (four-cylinder on the TS100A) deliver dependable, quiet power day in and day out. TS-A engines use a computer-designed, parent bore cylinder block with a contoured outer surface for increased strength. Air-to-air intercooling on all engines improves performance, while a five-blade viscous fan maintains temperature, reduces noise, lowers horsepower consumption and saves fuel.



Up to 25 hp power boost

TS125A and TS135A engines use electronic power management to not only deliver superb fuel efficiency and low emissions, but also boost engine power by up to 25 horsepower during PTO operations and road transport. This power boost helps maintain rated PTO horsepower in challenging crop conditions or terrain. When the torque applied through the PTO exceeds a certain level, power management automatically increases the available engine horsepower.



Model	PTO hp	No. of Cylinders	Displacement	Fuel Management	Engine Torque Rise	PTO Torque Rise
TS100A	80	4	273 cu. in. (4.5 L)	Mechanical	36%	53%
TS115A	95	6	410 cu. in. (6.7 L)	Mechanical	41%	63%
TS125A	105	6	410 cu. in. (6.7 L)	Electronic	41%	56%
TS135A	115	6	410 cu. in. (6.7 L)	Electronic	42%	62%

Then, as the need for additional power reduces, engine horsepower decreases until the system reverts to standby mode.

“Cruise” to greater productivity

Another plus of electronic power management (TS125A and TS135A) is the Constant RPM feature. You can pre-set up to two fixed engine speeds that match your needs, then use a convenient toggle switch to change from one speed to the other. This feature allows you to keep your eyes on the job, not on the throttle lever or RPM display.



A rear 540/1000 RPM PTO is standard equipment. It has a single reversible shaft and includes soft start and coast down features.



The Constant Engine Speed feature on the TS125A and TS135A allows you to pre-set two engine speeds. Use one for a constant working RPM, then toggle to the lower RPM to turn at the end of the row.



You can easily check and fill engine oil without raising the hood.



The convenient, one-piece hood opens effortlessly on gas struts to provide access for routine maintenance. The oil cooler and A/C condenser slide out to the side for easy cleaning.



Fueling up from ground level saves time and effort. A 67-gallon tank is standard on the largest three models with a 46-gallon tank on the TS100A.



Automatic shifting and push-button power shifting

16 x 16 Electroshift™ and 16 x 16 Autoshift™ transmissions offer time-saving features.

Equip your TS-A Series tractor with one of the 16 x16 transmissions and you'll enjoy maximum control and extremely easy operation. Plus model TS100A and TS115A tractors are equipped with the 16x16 Electroshift™ transmission while Deluxe TS100A and TS115A models receive the 16x16 Autoshift™ transmission. If you choose the 16x16 transmission for the TS125A or TS135A, you will automatically receive the upgraded 16x16 Autoshift due to the electronically controlled engines on these models. Both the Electroshift and Autoshift transmissions can be ordered with factory-installed creeper gears for speeds as slow as 12.3 feet per minute at 2200 rpm for specialty applications.



Two buttons on the side of the transmission lever and a duplicate set under the gear display allow you to powershift through the gears within each range. Tap the button to move one gear at a time, or hold the button in to shift sequentially. The single button immediately below the display, and the button on the back of the lever, allow you to make easy range changes. You need the clutch only once in 16 gears.

Shift with the touch of your thumb

New Holland 16 x16 transmissions give you the convenience of touch-

button power shifting through the four gears of each range. The only effort required is to lift your thumb! You can also easily change between the first and second range, and between the third and fourth range



The electro-hydraulic power shuttle allows you to shift from forward to reverse with the touch of your left hand. There's no need to let go of the steering wheel, and no need to clutch.

No-clutch shuttling

These transmissions are ideal for loader work and other jobs that require frequent forward/reverse shifts. You engage the clutchless, electro-hydraulic shuttle by simply moving the shuttle lever located on the left-hand side of the steering column. Talk about easy. You also have the ability to program the reverse speed to any of four gears within the range of the forward gear, to customize your shuttling action and save time. It's a time-saver during loader work, and a feature you won't find on most other tractors.

The convenience of an automatic transmission

When you choose a Deluxe TS-A model, you step up to the Autoshift transmission, allowing the transmis-

sion to do the shifting for you — both in the field and on the road. The 16 x 16 Autoshift transmission automatically upshifts or downshifts within the four gears of each range based on engine speed and driveline load, ensuring that you're always operating at maximum efficiency. And, you can actually program the shift point to suit different applications and to tailor shifting to your driving style — another feature you won't find on most other tractors. You can set the shift point to occur every time the engine speed increases or decreases by a specific percent.

In the field, simply press the Auto Shift button and the transmission will shift as needed within range A, B or C. When driveline load increases and engine speed decreases, the transmission will automatically shift to a lower gear.



This digital gear display is provided on tractors that are equipped with electro-hydraulic remotes, or the Custom Headland System. It displays the selected forward gear and the corresponding reverse "shuttle" gear, the gear span for each range, and indicates when road or field Auto Shift is engaged.

With the push of the Auto Shift button, the 16 x 16 Autoshift™ transmission provides automatic shifting in the field or on the road.

This standard illuminated LED gear display located to the right of the main shift lever, displays the gear you've selected. If Auto Shift is activated, the road range and field range are also displayed.

When roading, select from two transport modes. Standard Transport Mode allows the tractor to automatically shift as needed within Range D. In full Auto Transport Mode, you can shift from gears 9 through 16 without clutching.



Variety of speed choices

12 x 12 Synchro Command™ and 24 x 24 Dual Command™ Hi-Lo transmissions are ideal for shuttling work.

Whether you're working in the field, or doing loader chores, the New Holland 12 x 12 Synchro Command™ and 24 x 24 Dual Command™ transmissions offer the versatility and dependability to match the work you do. The 12 x 12 transmission is available only on the standard TS100A and TS115A.

Fast shuttling action

With 12 x 12 Synchro Command, you get smooth, synchronized, on-the-go shifting and simple forward/reverse synchronized shuttling. The matching number of forward and reverse gears leads to faster cycle times, and the shuttle lever on the left-hand side of the steering column frees your right hand to control the

implement or loader. The 24 x 24 Dual Command transmission gives you the added convenience of clutchless shuttling and the durability of a wet clutch design.

Double your speed choices

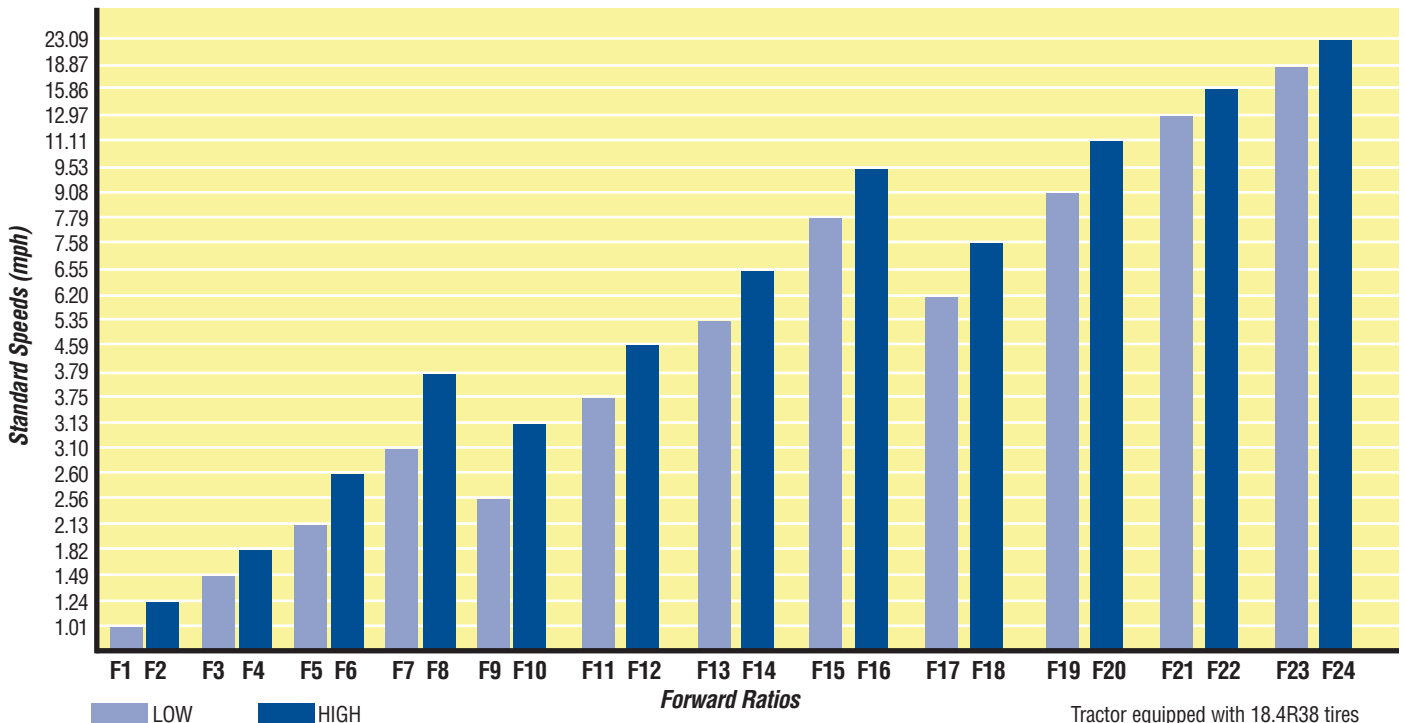
The 24 x 24 Dual Command transmission has a hydraulically operated clutch within the transmission.

Depending on the gear selected, you can shift up or down in any forward or reverse gear while on the move. This effectively changes torque by 22%, and tractor speed by approximately 18% allowing you to make a clutchless, on-the-move powershift change in forward or in reverse — a great help during loader work. Two locations of electrical push buttons —

one set on the side of the shift lever and one set on the control console — allow you to powershift on-the-go without clutching. Use the lower button (tortoise) to engage the underdrive. Push the upper button (hare) to disengage Dual Command and return to direct drive. A clutchless power shuttle is standard with the 24 x 24 transmission.

Creeper speeds available

For operations requiring extra-low ground speeds, creeper gears are available to 10.9 feet per minute at 2200 rpm for the 12 x 12 transmission, and as slow as 8.9 feet per minute at 2200 rpm with the 24 x 24 Dual Command transmission.



The 24 x 24 Dual Command™ transmission doubles your speed choices by providing an underdrive for each of 12 forward and reverse gears. Transport speed is 19 mph for 2WD models and 25 mph for FWD models.



Spacious operator platform

Roomy flat deck is designed for comfort and efficiency.



You'll work efficiently and comfortably from the spacious TS-A iso-mounted flat deck. Large, wide steps and full-length support handles make it easy to step aboard, and the suspended floor pedals provide an uncluttered path on and off.

Naturally efficient

Controls are in a natural position to your right and come easily to hand.

You can swivel and adjust the position of the deluxe seat with mechanical suspension to fit you perfectly. The steering wheel tilts and telescopes to a position that's most comfortable for you.

Information at a glance

Everything you need to know is reported on the instruments right in front of you. Three analog gauges

include an engine tachometer, engine coolant temperature gauge and a fuel gauge. Three liquid crystal displays (LCD) report ground speed, the time, PTO speed and three-point hitch position. In addition, a series of 21 colored lights surround the gauges to provide additional operating information and warnings.



Controls for the three-point hitch and draft control are conveniently positioned for fingertip control. The loader control joystick, mounted on the seat, is designed to move with you for added comfort.



Analog and digital instrumentation includes an hour meter, engine temperature, tachometer and fuel gauge. LCD displays report ground speed, time, PTO speed, three-point position. A series of 21 indicators and warning lights keep you informed.



A fresh outlook

Panoramic views and natural controls give you an entirely new perspective of your work.



When you're ready to feel completely at ease, and feel in complete control at the same time, the TS-A Horizon™ cab is the place to be. Enter the Horizon cab and the comfort and built-in efficiency will give you a whole new point of view on your work.

A view to all sides — even above you

The sweeping views you enjoy from the seat of a TS-A Series tractor make it easier to stay fresh all day long. Visibility is outstanding thanks to an expansive windshield and two wide, full-glass doors. And, a unique overhead visibility panel with built-in sunshade affords you a view above — great for seeing the bucket during loader work. Front and rear windshield wiper/washers are standard equipment.



This unique high-visibility panel on the cab roof gives you outstanding visibility to the loader bucket and can be opened for natural circulation.

Extras that make a difference

The Horizon cab is outfitted with all the comforts of home. A deluxe, air-suspension seat adjusts in a multitude of ways to assure your absolute comfort. Features include built-in lumbar support, tilting back rest, tilting seat, seat length adjustment, swivel, adjustable armrests and adjustable



Night work is a pleasure with the best halogen lighting package on the market.

dampening. A cup holder and interior storage are provided to your left, or you can request the optional instructor's seat instead. For additional storage, you can add an optional storage box behind the instructor's seat or standard storage area.

Control the climate

Heat and air conditioning are at your command to maintain the temperature you like. Controls are located conveniently on the rear cab pillar to the left of your seat. Locations for monitors and electrical hookups are located on both rear pillars.

Best-in-class lighting

TS-A tractors are definitely not afraid to work in the dark. The standard halogen light package is far superior to what you'll find on other tractors in this class. All cab tractors have eight lights to the front and four to the rear, to provide you with plenty of light to work at night.

Optional Comfort Ride™ cab suspension

If you encounter rough ground or bumpy access roads, choose the smooth-riding Comfort Ride™

system available on Deluxe cab models and standard on models with the Terraglide™ axle. This advanced cab suspension system uses front-mounted "donuts" that minimize the right-to-left movement of the cab, while two rear-mounted shock absorbers absorb the up-and-down movement of the cab. The result: a smooth, even ride no matter what the terrain.

The accuracy of radar

For peak productivity in your field operations, equip your TS-A Deluxe cab tractor with the enhanced performance monitor which allows you to track and program a variety of functions including linkage height, PTO speed, hours, distance traveled and electronic remote valve status. It also includes a maintenance reminder and an odometer. On cab tractors equipped with electronic draft control, you can also add radar to monitor wheel slip and receive accurate reports of total area worked and area-covered-per-hour forecasts.

Responsive hydraulic power

Impressive lift capacity and hydraulic flow set TS-A tractors apart.

Unlike other hydraulic systems that rely on one pump, the TS-A high-capacity hydraulic system uses two pumps for more responsive hydraulic power. All models feature a 10.5-gallons per minute (gpm) steering pump and a second dedicated pump that delivers rear remote flow up to 26.5 gpm, depending on model. An open-center system with a 19.8-gpm fixed displacement gear pump is provided on Standard models with the 12 x 12 transmission or Plus models with the 24 x 24 synchronized transmission. On all 16 x 16 tractors and Deluxe models with the 24 x 24 transmission, a closed-center, load-sensing (CCLS) system delivers 26.5 gpm to the remotes only on demand.

Optional electro-hydraulic valves

Two deluxe remote valves with quick couplers are standard from the

factory, with four available as a factory-installed option on Plus and Deluxe models. Electro-hydraulic remote control valves are available on Deluxe cab models with a 16 x 16 transmission. You can control the flow rate and timing of these electro-hydraulic valves from the cab and keep informed of their status using the visual display and enhanced monitor.

Awesome lift capacity

Big three-point lift capacities add to the versatility of TS-A Series tractors, allowing you to choose larger implements to cover more ground with each pass. You get a lift capacity of 12,185 pounds with the largest model, the TS135A, 9,620 pounds for other TS-A models with electronic draft control, and 9,285 pounds for models with mechanical draft control. Dynamic Ride Control™ is standard

equipment on electronic draft control hitches, and takes the bounce out of three-point mounted implements during transport.



Rocker switches on the rear fenders (deluxe cab tractors only) allow you to raise and lower the three-point hitch for easy implement attachment.

Mechanical or electronic draft control

A Category II three-point hitch with mechanical draft control and lower link sensing is standard equipment for the TS100A, TS115A and TS125A. These tractors also feature a convenient quick raise and lower switch that returns implements to their pre-set depth.

A Category II/IIIN three-point hitch with electronic draft control is standard on the TS135A, and all Deluxe cab models. This electronically controlled hydraulic system senses changes in the draft load with sensors in the lower link pins.



Deluxe cab models include controls for electronic draft control located conveniently on the right-hand armrest console, with additional hydraulic controls under the armrest.



Innovative SuperSteer™ and Terraglide™ axles put you in control

Select from two optional FWD axles to boost your working efficiency.

New Holland puts you in control with two innovative FWD axle options that give you unique advantages in the field and on the road.

A New Holland Exclusive: The sharp-turning SuperSteer™ axle

When you add the patented SuperSteer™ FWD axle to your TS-A Series tractor, you get the advantage of a 65° turn angle. No other tractor in the industry can match it. The SuperSteer axle gives you the kind of maneuverability that shaves time off every headland turn and makes you more productive in smaller fields and farmyards.



The SuperSteer axle is the picture of simplicity. The axle attaches to the tractor with a heavy-duty ball joint. When the tractor turns, the whole axle pivots, allowing the outside wheel to move in front of the nose of the tractor to provide

more tire clearance and sharper turning angle.

The smooth control of Terraglide suspended FWD axle

When you equip your TS-A Deluxe tractor with the Terraglide axle, you not only get an ultra-smooth ride, you get maximum traction, stability and control in any terrain. The Terraglide axle travels up to 4.0 inches to keep the front tires on the ground even at high speeds. It's a simple, affordable design. Terraglide is automatically activated at tractor start up, but can be locked out between speeds of .9 and 7.4 mph if



not required. That's a feature you won't find on other systems. The suspended cab and TerraLock™ are standard equipment with Terraglide tractors. (Terraglide is not available on TS-A tractors equipped with the SuperSteer axle.)

Extra traction when you need it

You can engage FWD manually with a toggle switch, or on Deluxe FWD models, you can select the automatic mode that engages and disengages FWD as needed.

In addition, all FWD TS-A tractors feature heavy-duty, front and rear differential locks that you engage electro-hydraulically from the cab. The 4WD and rear axle differential locks

allow you to lock all four wheels together in slippery conditions. 2WD tractors have differential lock in the rear axle only.

Electronic traction control

For the convenience of fully automatic FWD and differential lock engagement, choose a TS-A Deluxe model. The TerraLock™ electronic traction system is standard on all TS-A Deluxe FWD tractors. This gives you the productivity of full drive capability through all four wheels for optimum traction.



The patented SuperSteer™ axle attaches to the tractor with a heavy-duty ball joint. When the tractor turns, the whole axle pivots, allowing the outside wheel to move in front of the nose of the tractor to provide more tire clearance and sharper turning angle.

Simplify your headland turns

Custom Headland System gives you one button control of up to 28 tasks.

Some people enjoy repetition in their work, but making headland turns (and all the necessary adjustments) over and over can become a grueling process. The TS-A Custom Headland System (CHS) takes the hassle and fatigue out of headland turns by memorizing and replaying your actions with the push of a button. The Custom Headland System is optional on Deluxe FWD TS-A cab tractors with a 16 x 16 transmission.

CHS memorizes your actions

The Custom Headland System memorizes up to 28 steps or functions for each of two independent programs. CHS allows you to program these changes:

- Increase/decrease engine speed
- Change gear selection
- Raise/lower the three-point hitch
- Control electro-hydraulic remotes (if so equipped)

One button does it all

With the push of the CHS button at the end of a row, you can throttle back, downshift, and raise the implement. You can make your turn, then press the same button for an opposite sequence of actions when you're ready to re-enter the row. The CHS system automatically disengages and re-activates Constant Engine Speed Control if you happen to be using this feature.

The Custom Headland System allows you to "record" your actions at the end of the row, and play them back. During the record or playback mode, symbols that represent each step or sequence appear in the transmission display to let you know

which actions are being recorded or replayed. Up to seven symbols may be displayed at one time.

Less experienced drivers get added efficiency

Here's an added bonus of the Custom Headland System. It allows you to give your less experienced drivers the same efficiency as your best. Place your most skilled driver in the seat to program the headland turn sequences and your TS-A tractor is programmed for maximum efficiency, even with an inexperienced driver at the wheel.



Hold down the bottom of this button, then depress the program step button (shown below) on the side of the arm rest to "record" your actions at the headland. Depress the top half of the switch and use the program step button to play back the saved program.





The ideal loader tractor

Pair your TS-A with a 56LB and your loader chores will go faster.

You can lift, move and place materials fast with a 56LB front-end loader.

Start with the right tractor for the job

TS-A tractors were built for loader work—from the easy-shuttle transmissions and outstanding forward visibility, to the dual-pump hydraulic system that provides a dedicated pump for running hydraulic implements. And, unlike competitive models, TS-A trac-

tors can be equipped with three mid-mount valves for efficient, *simultaneous* operation of three-function attachments like grapples. It all adds up to significant advantages for loader work—and that's before you even add the loader!

A loader for every axle choice

The New Holland 56LB was designed specifically for TS-A Series tractors. There's a 56LB loader to fit every TS-A

axle configuration—2WD, FWD, SuperSteer™ FWD or TerraGlide™ FWD.

Exceptional performance

The 56LB is designed to perform. It provides a lift capacity of up to 3,800 pounds and a breakout force up to 5,300 pounds (see chart below) so you can lift heavy loads and place them fast. A bucket level indicator is standard. Mechanical self-leveling is optional.



Flexible lift height

Innovative, dual-position loader towers allow you to tailor the performance of the 56LB to match your needs. The standard mounting position allows you to take full advantage of the maximum lift capacity and breakout force levels with a competitive lift height of 12 feet. With the high-lift position, you get an outstanding 13.5-foot lift height with a slight reduction in lift capacity. You choose the mounting position that provides the lift height and capacity that's best for your operation.



The “loader-ready” advantage

Your 56LB loader can be ordered with the all-new TS-A “loader-ready” tractors. Tractors arrive with mid-mount hydraulics and joystick control pre-installed, ready to accept the loader and go to work. When entering the tractor order, it can be electronically linked with the loader order to ensure that the loader arrives at the dealership just prior to the tractor.

Fast loader and attachment changes

The Quick-Attach loader design allows you to remove the loader when needed and move quickly from job to job. A universal quick-attach bucket device allows for easy mounting of a variety of attachments for maximum versatility. Loader servicing is also easy. The 56LB comes with rifle shot grease fittings for hassle-free lubrication. And, daily tractor maintenance points are easy to reach without removing the loader.

56LB loader specifications for TS-A tractors	SL, MSL for SuperSteer		SL, MSL for Non-SuperSteer	
	Standard	High Lift	Standard	High Lift
Max. Lift Height in (mm)	146 (3708)	162 (4115)	146 (3708)	162 (4115)
Lift Capacity @ Max Height @ 800mm lbs (kg)				
with Open Center Hydraulics System	3500 (1588)	3200 (1451)	3500 (1588)	3200 (1451)
with Closed Center Load Sensing Hydraulic System	3800 (1724)	3500 (1588)	3800 (1724)	3500 (1588)
Breakout Force @ 800mm lbs (kg)				
with Open Center Hydraulics System	4800 (2177)	4000 (1814)	4800 (2177)	4000 (1814)
with Closed Center Load Sensing Hydraulic System	5300 (2404)	4400 (1996)	5300 (2404)	4400 (1996)
Dump Clearance in (mm)	109 (2767)	127 (3226)	109 (2767)	127 (3226)
Digging Depth in (mm)	5 (127)	5 (127)	5 (127)	5 (127)
Reach @ Max. Lift in (mm)	56 (1422)	44 (1118)	55 (1397)	40 (1016)
Reach @ Ground Level in (mm)	104 (2642)	104 (2642)	103 (2616)	103 (2616)
Bucket Rollback in degrees	40	40	40	40
Bucket Dump Angle in degrees	55	47	55	47

Quick-Attach Buckets and Options

- 84" Standard Duty Bucket (0.84 yd³ struck/1.98 yd³ heaped)
- 84" Heavy Duty Bucket (1.07 yd³ struck/1.28 yd³ heaped)
- 96" Heavy Duty Bucket (1.30 yd³ struck/1.58 yd³ heaped)
- 96" Heavy Duty Bucket (1.95 yd³ struck/2.35 yd³ heaped)
- 48" Pallet Forks with Frame and Guard
- Grapple for 84" and 96" Heavy Duty Material Bucket
- Bale Spear
- Manure Tines for 84" and 96" Heavy Duty Material Buckets
- Grill guards
- Ballasting box for 3-point hitch
- Bolt-on cutting edges or tooth bars

Specifications

MODEL	TS100A ROPS	TS100A CAB	TS115A ROPS	TS115A CAB
POWER				
Gross Engine Horsepower (kW)	100 (74.6)		115 (85.8)	
PTO Horsepower (kW)	80 (59.7)		95 (70.9)	
Rated Speed – RPM	2200		2200	
Number of Cylinders	4		6	
Aspiration	Turbocharged and intercooled		Turbocharged and intercooled	
Displacement – cu. in. (L)	273 (4.5)		410 (6.7)	
Air Cleaner	Dry type/Dual Element		Dry type/Dual Element	
Fan	Viscous		Viscous	
Starting Aid	Grid Heater		Grid Heater	
FUEL SYSTEM				
Fuel Injection	Direct w/mechanical governor		Direct w/mechanical governor	
Injection Pump	Bosch		Bosch	
Injectors	6 hole		6 hole	
TRANSMISSION				
Standard	12 x 12 Syncro-Command™ w/ Mechanical Shuttle			
Optional	24 x 24 Dual-Command™ w/ 2 sp. Power shift with electro-hydraulic clutchless shuttle 16 x 16 Electro-Shift™ w/ 4 sp. Power shift with electro-hydraulic clutchless shuttle 16 X 16 Autoshift™ with electro-hydraulic clutchless shuttle			
Differential Lock	Electro-Hydraulic		Electro-Hydraulic	
Brakes	Hydraulic Wet Disc		Hydraulic Wet Disc	
HYDRAULICS & HITCH				
Hydraulic System	Open Center or CCLS		Open Center or CCLS	
Steering and Service Pump – gpm (lpm)	10.5 (40)		10.5 (40)	
Implement Pump 12X12, 24X24 – gpm (lpm)	19.8 (75)		19.8 (75)	
Total Tractor Flow – gpm (lpm)	30.3 (115)		30.3 (115)	
Implement Pump 24 X 24 W/ EDC – gpm (lpm)	N/A	26.5 (100)	N/A	26.5 (100)
Implement Pump 16X16 – gpm (lpm)	26.5 (100)		26.5 (100)	
Total Tractor Flow – gpm (lpm)	37 (140)		37 (140)	
Max. System Pressure-Fix Disp./PFC-psi (bar)	2,974/3,118 (205/215)		2,974/3,118 (205/215)	
Rear Remote Valves	2 standard; 3 & 4 optional closed center valves		2 standard; 3 & 4 optional closed center valves	
Optional Mid Mount Loader Valve	Yes		Yes	
Steering Type	Hydrostatic		Hydrostatic	
Hitch Category	II		II	
Hitch Category w/ EDC	N/A	II/IIIN	N/A	II/IIIN
Sensing Type	Mechanical lower link		Mechanical lower link	
Optional Sensing Type	N/A	Electronic Draft Control	N/A	Electronic Draft Control
Hitch Lift Capacity (SAE) max. – lbs (kg)	8250 (3742)	9,285 (4212)	8250 (3742)	9,285 (4212)
Optional Lift Capacity – lbs (kg)	9,285 (4212)	9,620 (4364)	9,285 (4212)	9,620 (4364)
REAR AXLE				
Standard Equipment	Flange		Flange	
Optional – in. (cm)	98 (249) Bar		98 (249) Bar	
PTO				
Type	Multi-Plate Wet Clutch		Multi-Plate Wet Clutch	
Engagement	Electro-Hydraulic		Electro-Hydraulic	
Speeds	540/1000		540/1000	
CAPACITIES				
Fuel Capacity – gal (l) -- Standard	47.5 (180)	47.5 (180)	67.0 (254)	67.0 (254)
-- Supersteer	41.2 (156)	41.2 (156)	62.3 (236)	62.3 (236)
Alternator Amps.	70	120	70	120
Battery Capacity (Cold Cranking Amps)	1300 CCA		1300 CCA	
Estimated Weight —				
2WD – lbs (kg)	9,060 lb. (4110)	10,008 lb. (4540)	9,986 lb. (4530)	10,890 lb. (4940)
FWD – lbs (kg)	9,435 lb. (4280)	10,383 lb. (4710)	10,361 lb. (4700)	11,265 lb. (5110)
APPROXIMATE DIMENSIONS				
Height to top of ROPS (up position)/cab – in (mm)	112.4 (2855)		114.1 (2898)	
Height to Exhaust (ROPS only) – in (mm)	113.2 (2875)		114.9 (2918)	
Height to top of Suspended Cab – in (mm)	N/A	115.0 (2921)	N/A	116.7 (2964)
WHEELBASE				
2WD – in. (mm)	93.3 (2370)		104.4 (2652)	
FWD – in. (mm)	94.9 (2412)		104.7 (2661)	



MODEL	TS125A ROPS	TS125A CAB	TS135A CAB
POWER			
Gross Engine Horsepower (kW)	125 (93.2)		135 (100.7)
PTO Horsepower (kW)	105 (78.3)		115 (85.8)
Rated Speed – RPM	2200	2200	
Number of Cylinders	6	6	
Aspiration	Turbocharged and intercooled		Turbocharged and intercooled
Displacement – cu. in. (L)	410 (6.7)		410 (6.7)
Air Cleaner	Dry type/Dual Element		Dry type/Dual Element
Fan	Viscous	Viscous	
Starting Aid	Grid Heater	Grid Heater	
FUEL SYSTEM			
Fuel Injection	Direct w/mechanical governor		Direct w/ mechanical governor
Injection Pump	Bosch	Bosch	
Injectors	8 hole	8 hole	
TRANSMISSION			
Standard	24 x 24 Dual-Command™ w/ 2 sp. Power shift with electro-hydraulic clutchless shuttle		
Optional	16 X 16 Autoshift™ with electro-hydraulic clutchless shuttle		
Differential Lock	Electro-Hydraulic		Electro-Hydraulic
Brakes	Hydraulic Wet Disc	Hydraulic Wet Disc	
HYDRAULICS & HITCH			
Hydraulic System	Open Center or CCLS	CCLS	
Steering and Service Pump – gpm (lpm)	10.5 (40)		10.5 (40)
Implement Pump 12X12, 24X24 – gpm (lpm)	19.8 (75)		N/A
Total Tractor Flow – gpm (lpm)	30.3 (115)		N/A
Implement Pump 24 X 24 W/ EDC – gpm (lpm)	N/A	26.5 (100)	26.5 (100)
Implement Pump 16X16 – gpm (lpm)	26.5 (100)		26.5 (100)
Total Tractor Flow – gpm (lpm)	37 (140)		37 (140)
Max. System Pressure-Fix Disp./PFC-psi (bar)	2,974/3,118 (205/215)		NA/3,118 (NA/215)
Rear Remote Valves	2 standard; 3 & 4 optional closed center valves		2 standard; 3 & 4 optional closed center valves
Optional Mid Mount Loader Valve	Yes		Yes
Steering Type	Hydrostatic	Hydrostatic	
Hitch Category	II		II/IIIN
Hitch Category w/ EDC	N/A	II/IIIN	N/A
Sensing Type	Mechanical lower link		Electronic Draft Control
Optional Sensing Type	N/A	Electronic Draft Control	N/A
Hitch Lift Capacity (SAE) max. – lbs (kg)	8250 (3742)	9,285 (4212)	12,185 (5527)
Optional Lift Capacity – lbs (kg)	9285 (4212)	9,620 (4364)	N/A
REAR AXLE			
Standard Equipment	Flange		Flange
Optional – in. (cm)	98 (249) Bar		98 (249) Bar
PTO			
Type	Multi-Plate Wet Clutch		Multi-Plate Wet Clutch
Engagement	Electro-Hydraulic		Electro-Hydraulic
Speeds	540/1000		540/1000
CAPACITIES			
Fuel Capacity – gal (l) -- Standard	67.0 (254)	67.0 (254)	67 (254)
-- Supersteer	62.3 (236)	62.3 (236)	62.3 (236)
Alternator Amps.	70	120	120
Battery Capacity (Cold Cranking Amps)	1300 CCA		1300 CCA
Estimated Weight —			
2WD – lbs (kg)	10,053 lb. (4560)	10,979 lb. (4540)	11,023 (5000)
FWD – lbs (kg)	10,427 lb. (4730)	11,331 lb. (5140)	11,353 (5150)
APPROXIMATE DIMENSIONS			
Height to top of ROPS (up position)/cab – in (mm)	114.1 (2898)		114.1 (2898)
Height to Exhaust (ROPS only) – in (mm)	114.9 (2918)		114.9 (2918)
Height to top of Suspended Cab – in (mm)	N/A	116.7 (2964)	116.7 (2964)
WHEELBASE			
2WD – in. (mm)	104.4 (2652)		104.4 (2652)
FWD – in. (mm)	104.7 (2661)		104.7 (2661)

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