

# New Holland TN-A Series Utility Tractors 57 to 90 HP

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NEW HOLLAND



# TN-A Series Utility Tractors



MODEL	TN60A/DA	TN70A/DA	TN75A/DA/SA	TN85A/DA	TN95A/DA
Engine HP	57	70	75	80	90
PTO HP	45	57	62	69	77

## Efficiency and peace of mind are standard equipment.

Generations of farmers have relied on blue tractors to power their productivity. That legacy continues with the New Holland TN-A Series utility tractors.

### Great looks and comfort

The distinctive, sloped TN-A Series hood looks great, and it makes your job easier, too. You have great visibility to the front and all the way around. The operator platform and deluxe cab are also designed for your comfort and efficiency. You enjoy plenty of hip-, leg- and foot-room, and the convenient, logical control placement keeps fatigue at bay.

### Best night visibility

The TN-A headlamp design is another example where form follows function. Cool-looking as it may be, the headlight design also provides an outstanding lighting pattern for best-

in-class visibility after dark or in pre-dawn hours, even with a loader.

### Time-proven reliability

Peace of mind comes along with your TN-A tractor purchase. We've used durable, proven engines and transmission designs to assure many years of reliable service. And, you can still expect the impressive lugging ability, hydraulic flow and three-point lift capacity that you've come to expect from New Holland utility tractors.

### Easiest forward/reverse shuttling

No other utility tractors make shifting from forward to reverse this easy. Every model—no matter which transmission you choose—has a dedicated, in-line, synchronized shuttle lever on the left-hand side, allowing you to keep your right hand free for important things like steering and implement control.

- TN-A Standard models are non-cab tractors available in 2WD or FWD with a selection of synchronized transmissions, with either mechanical or power shuttle.

- TND-A models feature an iso-mounted cab with deluxe air filtration for all-weather comfort and productivity.

- TN75SA model is equipped with patented SuperSteer™ FWD axle for sharp turns, and also features the Traction Management System that engages and disengages FWD as it's needed. The TN75SA is available with or without a cab.



Generations of farmers rely on New Holland tractors.

# At home in almost any environment

## TN-A productivity pays off for all kinds of operations.



The scenery surrounding TN-A tractors may change, but their productivity remains the same. Rugged construction, ample power and hydraulic capacity combine to make New Holland utility tractors the number one choice on many work sites.

### Loved by landscapers

TN-A Series tractors have won the approval of landscape contractors, as the legions of New Holland utility tractors have before them. The TN-A's easy-shuttling transmissions (pages 14/15) take the hassle out of frequent forward-reverse shifts when working with a loader, landscape rake or box

scraper. The ample 3,960-pound three-point lift capacity easily lifts heavy seeders and aerators.

### Champion of sports and turf

TN-A tractors are naturals at caring for the turf on golf courses, stadium grounds and sod farms. A selection of tire choices match your needs, including optional Galaxy turf tires that feature a huge contact area and low ground pressure.

### Sturdy and streetwise

City and municipal maintenance crews will appreciate the superior lugging ability of TN-A engines (see pages 12/13) that saves time

when loading or pushing heavy stone, sand, gravel or snow. These tractors offer the flexibility and durability to handle long days of mowing, loading, pushing, grading, ditching and back-filling.

### Along the road again

New Holland utility tractors have long been favored by highway and road maintenance crews, and the TN-A Series tractors are favorites for working along highways and byways. They easily handle harsh conditions and offer impressive torque backup to get through patches of dense, heavy growth without down-shifting or slowing down.

### Reliable farmhand

TN-A Series power and efficiency pays off on the farm. With plenty of durability and power, these tractors handle long days of farm work. And, the superior TN-A lighting packages allow you to work long after the sun goes down. Select 2WD, FWD or SuperSteer™ FWD axle to match your working conditions.

### Tight turns made easy

The TN75SA model features the SuperSteer FWD axle with the exclusive Traction Management System that protects valuable turf from the damage of slipping wheels by engaging FWD only when it's needed. The sharp-turning SuperSteer axle also allows for easy maneuvering around obstacles. The TN-A Series low-profile design and foldable ROPS help on this count, too.



# No bending, stretching or contorting required

## Spacious TN-A platform is designed for natural, easy operation.

Some things just come naturally—like operating a TN-A Series tractor. While some tractors require you to be a contortionist, reaching and stretching to complete your job, TN-A Series tractors feature levers and handles that are thoughtfully placed where they come naturally to your hand.

### Roomy and open

Operate a TN-A Series tractor and you'll feel a sense of liberation. The comfortable, wide-open platform offers plenty of legroom and hip-room, allowing you to be more comfortable and productive. A wide entry threshold, large grab handles and an uncluttered path make it easy to get to the seat. Brake and clutch pedals are suspended for even more foot area.

### Proper support

TN-A Series tractors are built for long hours of use, and the TN-A seat is designed to keep you comfortable during every single one of them. With a high-back design and generous lateral and vertical bolstering, this seat provides excellent support. It also adjusts to match each operator's height and weight, and rides on an inclined track to maintain the proper relationship between the operator and the controls.

### Excellent visibility

The sloped TN-A hood gives you visibility that exceeds what you'll find on other tractors. The muffler is hidden under the hood, and you can easily see the work area around you, including the front tires and loader bucket. Nighttime visibility is the



*Two dual-beam headlights and two front corner work lights extend your day well into the night.*

best in the business. Two dual-beam headlights plus two corner work lights that operate independently of the headlights provide unmatched lighting to front and side. A standard, rear-mounted work light adjusts to cast light where you need it.

### Informative instrumentation

Bright, clear analog gauges report engine speed, coolant temperature and fuel level. Above the easy-to-read gauges is a bank of 15 warning and indicator lights to keep you informed.



*TN-A Standard platform*

Ultimate comfort with a view



## Best-in-class cab provides outstanding visibility and a host of conveniences.

With 42.7 square feet of tinted glass, the visibility of the TND-A/TN75SA cab stands apart from the competition. You enjoy an exceptional view in all directions. The rear service window provides excellent visibility to the three-point hitch and implements.

### The perfect environment

Standard heat and air-conditioning will keep you comfortable in any

weather. But the perfect environment is more than a comfortable temperature. Outside air is pulled through a pair of large anti-pollen cab air filters. These filters, coupled with a pressurized cab, will keep dust and dirt out to help control allergies and soothe asthma sufferers. Two cab air recirculation vents continue to filter the inside air and increase the efficiency of the heating and cooling. Charcoal filters are also available for even more

complete filtration. How's that for a comfortable work environment?

### A custom fit

The steering wheel tilts and telescopes to the perfect position for you. And, three-way seat adjustment assures a custom fit for each operator. The seat moves fore and aft, adjusts up and down, and the ride firmness adjusts to your weight. An optional air suspension seat provides supreme comfort using a compressor and air bag to adjust ride firmness.

### Comfort is in the design

Controls for transmission, PTO and optional open-center remote valves are conveniently located to your right. The cab is iso-mounted with a full floor mat to keep noise and vibration to a minimum.

### Comprehensive information

A comprehensive digital instrument cluster provides you with tractor performance information that's clear and easy to understand. The middle display allows you to "surf" between a selection of displays, including engine hours, PTO speed, engine speed or time of day. Analog gauges report coolant temperature and fuel level.



*The TND-A lighting package is the best in the business so you can work as late or early as needed.*



*This contoured, high-back, cloth-covered seat provides superb support.*



*Digital readouts, analog gauges and a bank of indicator lights keep you informed with only a glance.*



*The rear window can be opened to three different positions. It opens fully, halfway, or can be opened only a few inches for ventilation.*

# The superiority of the SuperSteer™ FWD axle

**The sharpest turn angle and automatic FWD save time and preserve turf.**





The SuperSteer™ FWD axle articulates as it turns, moving the outside wheel in front of the nose of the tractor and moving the inside wheel away from the tractor frame. This provides more tire clearance and a greater turn angle.



New Holland TN75SA tractors are one of the most productive all-purpose tractors you can buy, because they come equipped with the sharp-turning SuperSteer™ axle and the Traction Management System.

### Sharpest turning in the industry

The patented and exclusive SuperSteer axle provides the shortest turning in this tractor class. The SuperSteer axle articulates 21 degrees in addition to the standard 55-degree turn angle, resulting in an incredible 76 degrees of total turn angle. When this is combined with the long, 93.5-inch wheelbase of TN75SA tractors, you get the most stable, comfortable ride and the most maneuverable tractor in the industry.

### Traction Management System

With SuperSteer, front-wheel drive is electro-hydraulically activated—automatically. When slip is detected in the rear wheels, the front wheels automatically engage and stay powered until no longer needed, or until you turn them off manually. This Traction Management System prevents turf scuffing, extends tire life and improves fuel economy.

### Four-wheel braking

Hydraulic self-adjusting and self-equalizing brakes provide long life and high-performance stopping power on all TN-A Series tractor models. And, on tractors with electro-hydraulic FWD engagement (TN75SA models, models with the 40-kph transmission and TND-A tractors with power shuttle), you get the additional benefit of better braking with heavy loads. When you press both brakes, the front axle is automat-

ically engaged, effectively providing four-wheel braking. TN75SA tractors are also equipped with an electro-hydraulically engaged diff lock. You can engage the diff lock on the go using a switch on the right-hand fender console.

### Reliable axles for all TN-A Series models

Reliable axle design applies not only to the SuperSteer axle, but also to 2WD and standard FWD models. The economical and flexible 2WD axle is constructed of high-strength components and telescopes for a choice of eight track settings. All TN-A Series tractors utilize inboard planetary final drives to distribute output load from the differential evenly to the rear axles. The planet gears are oversized and run in oil for high load capacity and extended life.

### Extras for TN75SA model

When you buy a TN75SA tractor equipped with a ROPS rather than a cab, you not only get the sharp-turning advantages of the SuperSteer FWD axle, you also get some comfortable extras that the Standard TN-A platform doesn't have -- like a tilting, telescoping steering wheel, digital instrumentation and a fully iso-mounted platform.



Operate the Traction Management System in the automatic mode, and FWD is engaged only when needed to save turf, tires and fuel.

# Rugged, responsive engines are up to every challenge

## Impressive torque rise provides smooth power when you need it most.

Underneath the smooth lines and curved TN-A Series hood resides intense power. The TN60A, TN70A and TN75A models feature a three-cylinder, 179-cubic-inch engine that will rise to any challenge with smooth, responsive power.

The new TN85A and TN95A models include a gutsy 274-cubic inch, four-cylinder engine that provides instant response and impressive lugging power to get your work done quickly and smoothly.



### At your command

A torque rise of up to 37% allows TN-A Series tractors to handle heavy loads and tough conditions. And, these engines are built for the long haul, featuring a heavy-duty, cast iron engine block and a dry-sleeve design for longer service life than competitive wet sleeve engines, without the risk of coolant contamination. And, the TN-A tractor's low 2300-rpm rated engine speed reduces noise, vibration and extends engine life.

### Fuel miser

TN-A Series tractors utilize a cross-flow cylinder head design so that intake air remains cool and dense, resulting in superior combustion and maximum power production. A premium Bosch rotary fuel-injection



pump and five-hole injectors provide precise fuel metering and delivery into all cylinders.

### Longer operation between fill-ups

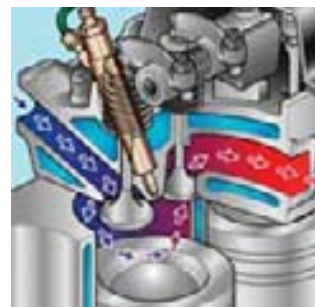
Large fuel tanks allow TN-A Series tractors to work extended hours before refilling. Three-cylinder TN-A Standard models feature a huge, 23-gallon fuel tank—a full 35% increase compared to previous models. Three cylinder TND-A and TN75SA models feature an ample 19.5 gallon tank. The four-cylinder models have a 23.5 gallon tank.

### More electrical power

The robust TN-A Series electrical system includes a larger battery (730 CCA) and alternator (65-amp for three-cylinder ROPS tractors, 85-amp for 3-cylinder cab tractors, 120-amp for four-cylinder TN85A and TN95A models) than you'll find on most comparable tractors. Plus, three separate electrical accessory power outlets provide easy access to electrical power

for multiple accessories. This system also supplies the best-in-class lighting package—two 55-watt halogen headlights combined with two more 55-watt corner mounted work lights. Cab tractors offer even more illumination with four adjustable, roof-mounted work lights. ROPS tractors come with one additional work light standard at the rear.

*This cross-flow cylinder head design helps TN-A Series tractors go easy on fuel.*





# Smooth-shuttling transmissions

## All five state-of-the-art transmissions feature a synchronized, left-hand shuttle lever.

Choices! That's what you get with TN-A Series transmissions. No matter which transmission you choose, you get a high-precision transmission with helical cut gears for quiet operation, in-line forward/reverse shuttling, forced lubrication for long life and a compact three-shaft design for improved ground clearance. - Choose from one of these easy-shuttling transmissions to match the work you do:

- 8 x 8 constant-mesh transmission with synchronized mechanical shuttle (TN-A models only)
- 12 x 12 Synchro Command™ transmission with mechanical shuttle (Available on TN-A and TN95DA models)
- 16 x 16 Synchro Command™ transmission with mechanical shuttle (Available on TND-A and TN75SA models, except TN95DA)
- 12 x 12 Synchro Command™ transmission with power shuttle (TN95A and TN95DA)
- 16 x 16 Synchro Command™ transmission with power shuttle (Not available on TN95A and TN95DA)



*This power shuttle lever allows you to keep your hands on the wheel and shift from forward to reverse with your fingertips. It's the ideal choice for loader work.*

### Convenient working speeds

The 12 x 12 Synchro Command™ transmission (base equipment on TN-A Standard and TN95DA models) makes work a pleasure by providing you with four synchronized speeds in each of three ranges. Competitive tractors limit your speed choices by providing only three synchronized shifts in each range. The New Holland 12 x 12 "B" range provides four ideal working speeds, all available to you with a smooth, synchronized shift.

The TN95A and TN95DA models feature a 40 kph transmission for higher transport speeds.

### Time-saving power shuttle

A clutchless, electro-hydraulic power shuttle is available on all models, making forward-reverse shifts virtually effortless.

The shuttle lever is mounted on the left side of the steering column for fingertip operation. The power shuttle saves you the hassle of frequent



clutching and saves the driveline from wear and tear. The modulation of the two, six-plate wet clutch packs is electronically controlled for ultra-smooth direction changes. The TN60A, TN70A, TN75A, TN85A feature 16 x 16 transmissions and the TN95A features a 12 x 12.

### Speed flexibility

The 16 x 16 Synchro Command transmission is standard on all TND-A models excluding the TN95DA.

With eight speeds in the 2- to 8-mph working range, as well as three speeds below one mph for low speed applications, it's ideal for a wide variety of jobs. A 40-kph (24.8 mph) factory option is available on the 16 x 16 power shuttle transmission for higher transport speeds. 40-kph is standard on the 12 x 12 TN95A model.

### Left-side, in-line shuttle

All five transmissions feature a forward-reverse shuttle lever that's

located to your left, allowing you to use your right hand for implement or loader control. The synchronized mechanical shuttle lever is located to the left of the seat and utilizes an 11-inch cerametallic clutch (organic material is used on the 45-horsepower models).

### A true locking differential

When you need more traction, step on the differential lock foot pedal on-the-go to lock both rear axles together. The diff lock automatically disengages when it's no longer needed, or you can manually disengage it by tapping a brake pedal.



*Speed and range levers are located within easy reach of your right hand.*

*New Holland recommends the ROPS remain in the up position during normal operations and the operator have the seat belt securely fastened. If the ROPS is folded down, the operator should unbuckle the seat belt.*

# Hydraulic response without hesitation

**Ample hydraulic capacity increases your cycle times and your efficiency.**



TN-A Series tractors have the hydraulic power it takes to get the job done—whether you work with three-point mounted implements, with PTO-powered equipment or a front-end loader.

## **Incredible lift capacity**

A best-in-class 3,960-pound, three-point hitch lift capacity allows you to take full advantage of the largest, widest implements for maximum productivity. The three-point hitch features lower link draft sensing. You can operate the hitch in draft control mode, position control mode, or a combination.

## **Two pumps provide ample flow**

TN-A Series tractors utilize two

hydraulic gear pumps to generate a total flow of 20.2 to 26.3 gallons per minute (gpm) to provide the absolute fastest cycle times and consistent performance, so you can finish more work in less time.

On three-cylinder TN60A, TN70A models, the remote valves and the three-point hitch are fed by a 12.8 gpm implement gear pump. For even more flow, a 16.9-gpm pump is standard equipment on the 62-horsepower models, and optional on all other three-cylinder models. The 16.9-gpm pump package includes a hydraulic oil cooler for increased cooling efficiency.

A dedicated 7.4-gpm gear-type steering pump allows for precise, low effort steering, and allows the main hydraulic pump to be fully

used for the work at hand. Power shuttle models are upgraded to a 9.4-gpm pump for more cooling capacity. The steering pump also supplies oil for transmission lubrication and FWD activation (if so equipped).

On four-cylinder TN85A and TN95A models, a 15.0-gpm implement pump and a 9.4-gpm steering pump is standard equipment.

## **Up to four rear remotes**

TN-A Series tractors come standard with one rear remote, and a second valve is optional. A third and fourth rear remote can be added by your dealer to TND-A and TN75SA tractors. Remote lever controls are located to the right of the seat and

their handles are color-coordinated with the caps on the valve couplers at the rear of the tractor – so you're always sure you're using the correct lever.

### Joystick loader operation

Two open-center, mid-mounted remote valves are available from the factory or as a dealer-installed option. The valves are controlled by a convenient, four-way joystick that makes loader work a pleasure.

### Durable PTO

The TN-A fully independent, 540-rpm PTO offers plenty of durability. The dry, cerametallic, 11-inch plate PTO clutch is durable for long life in heavy-duty applications. The PTO lever located to the left of the seat allows you to easily feather the PTO for precise control. TND-A and TN75SA models use servo-assist PTOs for low-effort operation and feathering.



Controls for rear remotes and the loader joystick are conveniently located to your right.



Here's a convenience not found on competitive-brand tractors: raise or lower implements with the push of this button.



Heavy-duty, telescoping stabilizers and flexible link ends simplify implement hook-up.



Remote valves are color-coded to match levers. Up to four rear remote valves are available.

MODEL	TN60A TN70A TN75A	TN60DA TN70DA TN75DA	TN75SA	TN85A TN95A	TN85DA	TN95DA
8 x 8 constant-mesh transmission with mechanical shuttle	OPT					
12 x 12 Synchro Command™ with mechanical shuttle	STD			STD		STD
16 x 16 Synchro Command™ with mechanical shuttle		STD	STD		STD	
12 x 12 Synchro Command™ with power shuttle						OPT
16 x 16 Synchro Command™ with power shuttle	OPT	OPT	OPT	OPT	OPT	
12.8 gpm implement pump with 7.4 gpm steering pump	STD					
15.0 gpm implement pump with 9.4 gpm steering pump				STD	STD	STD
16.9 gpm implement pump with 9.4 gpm steering pump	OPT (STD on TN75A)	STD	STD			

# Ideal for loader work

## **TN-A Series features combine to boost your loading productivity.**

TN-A Series tractors are perfect for loader work. Their excellent visibility, ample hydraulic flow, fast cycle times, convenient mid-mount valves and easy-to-use joystick help make your work with a loader especially productive.

### **32LC front-end loader**

The 32LC was designed expressly for the TN-A line of tractors, for a perfect fit and easy installation. The 32LC

fits all TN-A, TND-A and the TN75SA tractors.

A stout, mid-mount frame eliminates the need for bulky bracing at the front of the tractor. And, their low, sloping boom design also provides superb visibility to the front.



These strong loaders are painted with a durable, high-gloss finish for weather and corrosion resistance. Rifled grease zerk fittings make daily loader servicing the easiest in the business.

### Simple attachment

Mid-mount valves make loader hookup simple. The 32LC has an integrated parking stand and is free standing. Attaching the loader is a simple process, and attaching buckets and tools is even easier. An optional quick-attach system uses faceplates that mount securely on the back of the bucket. Just drive in, roll back and lock down the spring retention handles and you're off to work. A full range of attachments includes buckets, pallet forks and bale spear to enhance the versatility of your TN-A Series tractor.

### Optional leveling

To eliminate spillage and increase the speed of your loader work, add the optional mechanical self-leveling system. It makes it easy to move quickly and confidently, and is especially helpful when moving pallets.



*A simple, four-way joystick control makes operating the loader easy.*

*In addition to nearly 11 feet of lift height, the bucket rolls back 38 degrees to minimize spillage and dumps to 53 degrees to empty completely.*

## NEW HOLLAND LOADER SPECIFICATIONS

(Based on 1997 ASAE Standards S301.3)

Loader Model	32LC
Hydraulic system/pump	Open center
Hydraulic flow, gpm	16.9
Lift capacity @ max. height** - lbs	2600
Breakout force** - lbs	3900
Max. lift height - in	128
Max. lift height under level bucket - in	120
Clearance w/bucket dumped - in	96
Reach @ max. lift height - in	38
Max. dump angle - degrees	53
Reach @ ground line - in	86
Bucket rollback angle - degrees	38
Digging depth - in	4
Cycle times - seconds	
Raising time	3.8/2.5*
Lowering time	2.7/1.6*
Bucket dump time	3.3/3.3*
Bucket rollback time	2.3/2.3*
Mounting time - boom to tractor	10 min
Mounting time - implement to loader	5 min
Approx. weight - lbs (Loader w/o bucket)	800

Note: Dimensional and performance specifications are based on typical tract and tire sizes.

Standard performance cycle times measured at rated speed, and empty bucket.

\*\*Lift capacity and breakout force measured 31.5 inches forward of pivot pin.

\*Mechanical Self Leveling

Specifications based on ASAE (S301.3) and are subject to change without notice.

# Express maintenance

## Intelligent design makes servicing a snap.

When it's quick and easy to make daily checks, you're more likely to keep up with routine maintenance, save on downtime and lengthen component life. Engine oil can be checked without raising the hood—even with a loader installed.

### One-piece hood

When you do want more service access, the hood raises easily—in one piece. There are no tethers to deal with and no side panels to remove or to accidentally damage when left on the ground. And, the hood is supported by a gas strut, so there are no prop rods to hassle with either.

### Easy access

Filters and checkpoints are easy to reach. The radiator, A/C condenser, oil cooler and heavy-duty battery are mounted at the front of the tractor and can be checked easily when the hood is open. The electrical system is protected by convenient, automotive style fuses that are easy to access when needed.



*The fuel tank is easy to reach from the ground. Ample fuel tank capacities from 19.5 to 23.5 gallons keeps refills to a minimum.*



*The hydraulic cooler slides out to the side for easy cleaning.*



*A single dipstick at the rear of the tractor allows you to check the oil level of the transmission, hydraulic and steering oil reservoir.*



# Specifications

	<b>TN60A TN60DA</b>	<b>TN70A TN70DA</b>	<b>TN75A TN75DA TN75SA</b>	<b>TN85A TN85DA</b>	<b>TN95A TN95DA</b>
<b>ENGINE</b>					
Gross engine hp (kW)*	57 (42.5)	70 (52.2)	75 (55.9)	80 (59.7)	90 (67.1)
PTO hp (kW)*	45 (33.6)	57 (42.5)	62 (46.3)	69 (51.5)	77 (57.4)
Cylinders	3	3	3	4	4
Aspiration	Natural	Turbocharged	Turbocharged	Natural	Turbocharged
Displacement, cu.in. (L)	179 (2.9)	179 (2.9)	179 (2.9)	274 (4.5)	274 (4.5)
Rated speed, rpm	2300	2300	2300	2300	2300
Maximum Torque, ft-lbs (Nm)	159 @ 1400 rpm (216 @ 1400 rpm)	213 @ 1400 rpm (289 @ 1400 rpm)	220 @ 1400 rpm (298 @ 1400 rpm)	236 @ 1400 rpm (320 @ 1400 rpm)	269 @ 1400 rpm (365 @ 1400 rpm)
Engine torque rise, %	26	32	36	32	37
Fuel capacity, gal (L)	..... 23 (87) on TN-A Standard models .....	..... 19.5 (74) TNS-A and TND-A models .....	.....	23.5 (89)	23.5 (89)
*mfg's estimate					
<b>TRANSMISSIONS</b>					
Choice of transmission					
• 8 x 8 constant mesh transmission with synchronized mechanical shuttle (available on select TN-A models only)					
• 12 x 12 Synchro Command™ transmission with synchronized mechanical shuttle (available on TN-A models only)					
• 12 x 12 Synchro Command™ transmission with power shuttle (available on TN95A and TN95DA)					
• 16 x 16 Synchro Command™ transmission with your choice of synchronized mechanical or electro-hydraulic, no-clutch power shuttle (Except TN95A and TN95DA)					
<b>TRACTION CLUTCH</b>					
w/ mechanical shuttle	11 in (280 mm)	11 in (280 mm)	11 in (280 mm)	11 in (280 mm)	11 in (280 mm)
	Dry organic plate	Dry cerametallic plate	Dry cerametallic plate	Dry cerametallic plate	Dry cerametallic plate
w/ electro-hydraulic power shuttle	..... Six 5.2 in (113 mm) wet organic plates .....				
Differential lock (front/rear)	Limited slip, mechanically engaged (electro-hydraulically engaged on TN75SA SuperSteer™ models)				
<b>ELECTRICAL</b>					
Alternator (amps)					
Less cab	65	65	65	120	120
With cab	85	85	85	120	120
Cold cranking amps	730	730	730	730	730
<b>BRAKES</b>					
Type	..... Wet, two disc, self-adjusting .....				
Parking brake	..... Independent, four 3.5 in. wet disc .....				
<b>INDEPENDENT PTO</b>					
Speed	540	540	540	540	540
PTO clutch	..... 11 in. (280 mm) dry cerametallic plate .....				
<b>HYDRAULICS</b>					
Pump type	Gear	Gear	Gear	Gear	Gear
System	Open center	Open center	Open center	Open center	Open center
Nominal system pressure, PSI (bar)	2755 (190)	2755 (190)	2755 (190)	2755 (190)	2755 (190)
Standard pump flow, gpm (lpm)	12.8 (48)	12.8 (48)	16.9 (64)	15.0 (56.9)	15.0 (56.9)
Optional pump flow, gpm (lpm)	16.9 (64)	16.9 (64)	N/A	N/A	N/A
<b>STEERING SYSTEM</b>					
Steering Pump Type	Gear	Gear	Gear	Gear	Gear
provides flow for power steering, FWD engagement, differential lock engagement and lubricating the transmission					
Pump flow, gpm (lpm)					
with mechanical shuttle	7.4 (28.0)	7.4 (28.0)	9.4 (35.6)	9.4 (35.6)	9.4 (35.6)
with power shuttle	9.4 (35.6)	9.4 (35.6)	9.4 (35.6)	9.4 (35.6)	9.4 (35.6)

	<b>TN60A TN60DA</b>	<b>TN70A TN70DA</b>	<b>TN75A TN75DA TN75SA</b>	<b>TN85A TN85DA</b>	<b>TN95A TN95DA</b>
<b>3-POINT HITCH</b>					
Category	II, I	II, I	II, I	II, I	II, I
Draft control sensing	Mechanical, lower link	Mechanical, lower link	Mechanical, lower link	Mechanical, lower link	Mechanical, lower link
Fast raise/lower	Standard	Standard	Standard	Standard	Standard
Link ends	Flexible	Flexible	Flexible	Flexible	Flexible
Lift capacity, SAE @ 24", lb (kg)	3960 (1800)	3960 (1800)	3960 (1800)	3960 (1800)	3960 (1800)

<b>TURNING WITHOUT BRAKES, ft (mm)</b>					
2WD Turning Radius	11.9 (3628)	11.9 (3628)	11.9 (3628)	12.1 (3678)	N/A
2WD Turnaround Diameter	14.0 (4255)	14.0 (4255)	14.0 (4255)	14.1 (4305)	N/A
FWD Turning Radius	12.5 (3810)	12.5 (3810)	12.5 (3810)	12.7 (3860)	12.7 (3860)
FWD Turnaround Diameter	14.1 (4288)	14.1 (4288)	14.1 (4288)	14.2 (4340)	14.2 (4340)
FWD SuperSteer Turning Radius	N/A	N/A	11.2 (3415)	N/A	N/A
FWD SuperSteer Turnaround Diameter	N/A	N/A	6.7 (2043)	N/A	N/A

<b>VEHICLE WEIGHT* lbs (kg)</b>					
TN-A 2WD	4980 (2260)	5020 (2275)	5020 (2275)	6008 (2725)	N/A
TN-A FWD	5375 (2440)	5415 (2455)	5415 (2455)	6118 (2775)	6118 (2775)
TND-A 2WD	5565 (2525)	5605 (2545)	5605 (2545)	6449 (2925)	N/A
TND-A FWD	5960 (2705)	6000 (2720)	6000 (2720)	6559 (2975)	6559 (2975)
TNS-A FWD, ROPS	N/A	N/A	5585 (2535)	N/A	N/A
TNS-A FWD, Cab	N/A	N/A	6050 (2745)	N/A	N/A

#### TIRE OPTIONS

R1 "General Farming"- great for a wide variety of agricultural applications.

R3 "All Weather"- great for highway mowing, parks, orchards and light industrial applications.

R4 "Industrial"- great for light industrial applications, rental yards, contractors and municipalities.

Galaxy "Turf Special"- great for golf courses and stadium grounds maintenance.

\*Approximate weights for base tractor with full fuel tank; 16.9x28R1 rear tires and 9.5Lx15 (2WD) or 12.4R20 (FWD) front tires; mechanical shuttle transmission; without front weights or rear wheel weights; or rear wheel weights; single rear remote valve

	<b>TN60A TN70A TN75A</b>	<b>TN60DA TN70DA TN75DA</b>	<b>TN75SA</b>	<b>TN85A TN95A</b>	<b>TN85DA TN95DA</b>
<b>DIMENSIONS*</b>					
Wheelbase, in (mm)					
2WD	81.5 (2070)	83.9 (2131)	N/A	86.7 (2202) (TN85A) N/A (TN95A)	89.1 (2262) (TN85DA) N/A (TN95DA)
FWD	78.9 (2005)	81.3 (2065)	93.5 (2375)	83.7 (2125)	86.0 (2185)
Height, in (mm)					
Top of ROPS, up	95.1 (2416)	N/A	95.1 (2416)	95.1 (2416)	
Top of ROPS, down	75.1 (1908)	N/A	75.1 (1908)	75.1 (1908)	
Top of cab	N/A	90.8 (2307)	90.8 (2307)		90.8 (2307)
Overall length (front weight to end of 3-pt lift arms), in (mm)					
2WD	153.3 (3894)	155.7 (3954)	N/A	157.5 (4000) (TN85A) N/A (TN95A)	159.8 (4059) (TN85DA) N/A (TN95DA)
FWD	151.6 (3852)	154 (3912)	154.9 (3935)	157.5 (4000)	159.8 (4059)
Min/Max. overall width	.....67.2 (1708) / 92.7 (2355) .....				

\* Base tractor with: 14.9x28 rear tires, 9.5x15 front (2WD), 11.2x20 (FWD)

#### OPTIONAL EQUIPMENT

- Second rear remote valve (lever controlled)
- Third rear remote valve (lever controlled)
- Fourth rear remote valve (lever controlled — available on TND-A and TN75SA models when a mid-mount valve is not installed)
- Mid-mount valve with joystick control
- Back up alarm wiring kit
- Special tires
- 7 pin implement (trailer) electrical plug
- Horn
- Front weight bracket kit
- Grill guard
- 88 lb front weights
- 4 pin power outlet (25 amp) electrical plug
- Fixed external mirrors (cab only)
- Rear wheel weights
- Telescoping external mirrors (cab only)
- Hydraulic filter protection kit
- Single pin male 8 amp electrical plug
- Horizontal exhaust kit
- Blue fiberglass canopy
- Front fenders for FWD front axle
- White fiberglass canopy
- Seat armrests
- Steel FOPS canopy
- Drawbar clevis
- Rotary beacon (cab only)
- Engine block heater
- Offset drawbar for Galaxy turf

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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.

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