

NEW HOLLAND TT-A SERIES TRACTORS

40 to 75 Horsepower | TT45A | TT50A | TT60A | TT75A



LEAN & MEAN
JUST WHAT YOU NEED.



THE SMART CHOICE

LEAN & MEAN TT-A TRACTORS ARE TOUGH ON WORK, SOLID ON VALUE



Introducing a new breed of tractors – the NEW Lean & Mean tractors from New Holland. The NEW Lean & Mean TT-A Series tractors are built tough with time-proven engines and transmissions, and include features that make operation easy. Low maintenance and a value price are also part of the package, so it's easy to see why they're called "Lean & Mean." It is the simplicity of TT-A Series tractors that make them the smart choice.

Gutsy engines

You'll appreciate the dependable power and great lugging ability that TT-A Series engines deliver when you encounter tough soil or crop conditions. These fuel-efficient three- and four-cylinder power plants save you money and refueling time, and are Tier II emissions compliant to go easy on the environment.



Biodiesel Benefits

TT-A tractors are approved for use with biodiesel blends (B20 for TT60A and TT75A, B5 for TT45A and TT50A). By using clean-burning, environmentally friendly, alternative fuel sources like biodiesel, you contribute to:

- Cleaner air from reduced emissions
- Reduced imports of foreign oil
- The creation of new jobs and a boost for the economy
- Increased demand for soybeans and other farm products used to produce biodiesel



Fast-response hydraulics

The open-center hydraulic system utilizes tandem, engine-mounted hydraulic pumps to ensure you have all the power you need for steering, a variety of rear implements and a front loader. One or two rear remote valves are available as dealer installed accessories. Both remotes can be utilized even when a loader is installed.

Four TT-A models

From mowing to loading to tilling to baling, New Holland Lean & Mean tractors give you exactly what you need to get the job done. Choose from four models ranging from 35 to 62 PTO horsepower. All feature heavy-duty 2WD front axle and strong, cast-iron rear axle. For added traction in slippery or uneven terrain, choose the optional FWD axle on the larger TT60A and TT75A models.



Models	Engine HP	PTO HP	Displacement cu. in. (L)	Cylinders	Transmission
TT45A	40	35	121.7 (2.0)	4	8F x 2R
TT50A	48	42	135.2 (2.2)	4	8F x 2R
TT60A	56	47	179 (2.9)	3	8F x 2R
TT75A	75	62	238 (3.9)	4	8F x 2R

Get more capability, horsepower and iron at a solid value price. See your New Holland dealer about a NEW Lean & Mean TT-A Series tractor.

EASY TO HANDLE

COMFORTABLE OPERATION AND A COMFORTABLE PRICE TAG MAKE TT-A TRACTORS AN EASY CHOICE

Left: Two synchronized shifts on the TT60A and TT75A allow you to pull out onto the road and make a quick, smooth shift into top gear for transporting.

Right: It's easy to enter and exit a TT-A Series tractor due to the wide steps, convenient, fender-mounted grab handles and an uncluttered step deck.

Unlike the cramped operator stations offered on competitive-brand value tractors, the large operator platforms on Lean & Mean TT-A Series tractors feature comfortable seating, plenty of legroom and controls placed to the sides and out of the way. There are no levers sticking straight up from the floor to block your entry or exit from the tractor.

Awesome visibility

A sloped hood and round fenders not only give TT-A Series tractors their modern look, they also provide outstanding visibility. You get an excellent view in all directions so you can operate comfortably and with confidence. The fuel tank and muffler are tucked under the hood and a horizontal exhaust pipe is used so there's nothing to block your line of sight.



Next page: A clear, concise instrument panel is easy to read with analog gauges showing engine speed, engine temperature and fuel level. The hour meter display is digital.

Below: The sloped New Holland hood provides outstanding visibility.

A seat that fits

This is no one-size-fits-all seat. A deluxe contoured suspension seat adjusts for your comfort, and easily accommodates operators of various heights. Operating the TT-A transmission is easy with the high/low range lever to the left of the seat, and the speed and reverse lever that follows the familiar "H" pattern to your right.

Reliable 8x2 transmission

A simple 8F x 2R constant mesh transmission transfers engine power to the ground. Four of its eight forward gears are in the popular, two- to eight-mph working range. The TT60A and TT75A feature the added convenience of synchronized shifts from gears three to four, and from gears seven to eight, allowing you to shift "on-the-go" when transporting or hauling a trailer. Competitive tractors have no synchronized gears in their "value" tractor lines.





MOVE MULCH, HAY, GRAVEL OR SNOW

ENHANCE THE UTILITY OF YOUR TT-A TRACTOR WITH A FRONT LOADER

Add a 610TL/620TL front loader to your TT-A Series tractor and you have a material-moving machine. The separate, joystick-controlled loader valve makes operation easy. A fixed, low-profile design allows maximum visibility for operating in tight quarters. A maximum lift height of 9 ft. 10 inches is higher than competitive-brand tractors to more easily clear the sides of trucks or spreaders and to stack round bales.



Service that's a snap

Maintaining a TT-A Series tractor is a breeze – even if you are a first-time tractor owner. You can check and fill engine oil without even raising the hood. A convenient, one-piece flip-up hood opens on a gas strut to provide fast access to the battery, air cleaner, and radiator. No clumsy prop rods, side panels or grills to get damaged or lost.



Loader Model	610TL		620TL		620TL	
	Non Self Leveling		Non Self Leveling		Non Self Leveling	
Tractors	TT45A 2WD	TT50A 2WD	TT60A 2WD	TT75A 2WD	TT60A 4WD	TT75A 4WD
Maximum lift height, in. (mm)	109 (2769)	111.7 (2837)	.....114.5 (2908) .....	.....	.....118 (2997).....	.....
Dump clearance, in. (mm)	90.3 (2294)	93 (2362)	.....92.5 (2350) .....	.....	.....93 (2362).....	.....
Digging depth, in. (mm)	6 (152)	5.5 (140)	.....5 (127).....	.....	.....5.5 (140).....	.....
Lift capacity at max. height @ 500 mm from pivot pins, lb. (kg)	.....1,320 (599) .....	.....	.....NA .....	.....	.....NA.....	.....
Lift capacity at max. height @ 800 mm from pivot pins, lb. (kg)	.....NA .....	.....	.....2,210 (1002) .....	.....	.....2,150 (975) .....	.....
Breakout force at 500 mm from pivot pins, lb. (kg)	.....3,400 (1542) .....	.....	.....NA .....	.....	.....NA.....	.....
Breakout force at 800 mm from pivot pins, lb. (kg)	.....NA .....	.....	.....4,971 (2255) .....	.....	.....4,520 (2050) .....	.....
Reach at maximum lift height, in. (mm)	.....24.3 (617) .....	.....	.....34 (864).....	.....	.....26 (660).....	.....
Bucket rollback angle, degrees	.....20.....	.....	.....23.....	.....	.....26.....	.....
Bucket dump angle, degrees	.....42.....	.....	.....45.....	.....	.....47.....	.....



More high-value features

- Fully independent 540-rpm Power Take Off (PTO) continues to run equipment even when you press the clutch pedal to make a turn, unlike the live PTO systems found on some tractors.
- Wet disc brakes run in oil to keep them cooler and extend brake life compared to the dry disc brakes found on other tractors.
- Dry-sleeve engine block design provides longer service life than competitive wet sleeve engines.

NEW HOLLAND TT-A SERIES TRACTOR SPECIFICATIONS

Model	TT45A	TT50A	TT60A	TT75A
Engine†				
Type	4-cycle, diesel			
Number of cylinders / Aspiration	4 / natural		3 / natural	4 / natural
Displacement, cu. in. (L)	121.7 (2.0)	135.2 (2.2)	179 (2.9)	238 (3.9)
Gross engine power, HP (kW)	40 (29.8)	48 (35)	56 (41.7)	75 (56)
PTO horsepower, HP (kW)	35 (26.1)	42 (31.3)	47 (35)	62 (46.3)
Rated speed (RPM)	2,600	2,800	2,500	2500
Fuel type	Standard diesel fuels or B5 Biodiesel (meeting ASTM 6751 standards) / Standard diesel fuels or B20 Biodiesel			
Air filter	Dual element, dry type with cleanable outer element and replaceable inner safety element			
Lubrication	Full flow, pressure lubrication with vertical mount spin-on filter cartridge			
Emissionization standard	Tier II			
Fuel tank capacity, gal (L)	13.2 (50)		16.4 (62)	
Transmission				
Base on standard tractor	8Fx2R with 4 constant mesh gears and 2 constant mesh ranges		8Fx2R with 4 (2 synchronized) gears and 2 constant mesh ranges	
Traction clutch	Dry, 11-inch (279.4 mm) diameter organic plate			
Ground speed*	Forward - 1.9 to 19.0 MPH (3 to 30.5 kph); Reverse - 2.6 to 9.5 MPH (4.1 to 15.3 kph)			
Rear differential lock	Mechanical foot pedal engagement			
Service brakes	Individual mechanically actuated wet disc			
Parking brake	Engage hand-lever, press brake pedals to lock service brakes			
Hydraulics				
System type	Open center, fixed displacement gear pump			
Implement pump capacity, gpm (lpm)	9.8 (37)		10.8 (40.5)	
Steering & services system, gpm (lpm)	Hydrostatic power steering w/dedicated gear pump			
Total maximum tractor flow, gpm (lpm)	5.1 (19.4)		8.5 (32)	
Remote valves	Optional, up to 2 open center, rear mounted, color coded lever controls with quick coupler dust covers			
Loader control valve – optional	2 open center, joystick controlled valves			
Rear 3-Point Hitch				
Category	II, convertible to I			
Position control, Draft sensing	One lever, No draft control		One lever, Optional mechanical draft control	
OECD lift capacity @ ball ends, lbs (kg)	2,550 (1160)		2,930 (1332)	3,410 (1546)
Rear PTO				
Engagement	Standard 540-RPM, w/ flip-up PTO shaft guard / One lever, mechanical engagement			
Front Axle				
2WD				
Maximum turn angle	52 degrees			
FWD				
Maximum turn angle	NA		55 degrees	
Front differential lock	NA		Limited slip	
FWD clutch engagement	NA		Mechanical lever	
Electrical				
Alternator	12 Volt, 40 Amp		12 Volt, 45 Amp	
Battery capacity (cold cranking amps)	600		800	
Lighting	2 hi/lo beam halogen headlights, flashing safety lights / turn signals			
Accessory power outlets	Standard equipment, 7-pin implement outlet			
Fuses	Automotive blade type			
General				
ROPS**	Foldable			
Approximate Shipping Weight				
ROPS - 2WD, lbs (kg)	3,600 (1633)	3,738 (1695)	4,540 (2059)	4,740 (2150)
ROPS - FWD, lbs (kg)	NA		4,840 (2195)	5,050 (2291)

†Manufacturer's estimate *TT75A with 16.9x30 rear tires **2007 Introduction

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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.