

# New Holland TL-A Series Tractor Specifications



TL80A TL90A TL100A

MODEL	TL80A	TL90A	TL100A
<b>ENGINE</b>			
Engine horsepower* (kW)	80 (59.6)	90 (67.1)	98 (73.1)
PTO horsepower (kW)	69 (51.4)	77 (57.4)	85 (63.4)
Number of cylinders		4	
Aspiration	Natural	Turbocharged	Turbocharged
Displacement, cu. in. (L)		273 (4.5)	
Rated speed (RPM)		2,500	
Maximum torque RPM		1,400	
PTO torque rise	50%	45%	45%
Air cleaner		Dry type with dual elements	
Fan		11-blade fixed	
Starting aid		Air intake grid heater	

\*Manufacturer's estimated

## TRANSMISSIONS

Standard models	12 x 12 Synchro Command™ with mechanical shuttle
Deluxe models	24 x 24 Dual Command™ with power shuttle
Optional	20 x 12 creeper with mechanical shuttle (not available on TL100A Standard)
Traction clutch	
Standard models	12-inch cerametallic dry clutch
Deluxe models	Multi-plate oil cooled clutch packs

## ELECTRICAL

Battery	12V
Battery capacity, cca	960
Alternator amps	120

## PTO

Standard models			
Type		Independent, dry, 12-inch cerametallic clutch	
Engagement		Mechanical lever	
Speed RPM	540	540/1000	540/1000
Deluxe models			
Type		Independent, multi-plate, oil-cooled clutch pack	
Engagement		Electro-hydraulic	
Speed RPM	540	540/1000	540/1000

## HYDRAULICS

System type	Open center
Steering type	Hydrostatic
Steering and services gear pump flow, gpm (Lpm)	5.5 (21)
Implement gear pump flow, gpm (Lpm)	14.5 (55)
Total flow, gpm (Lpm)	20 (76)
Mid-mount loader valve	Optional, open center, joystick controlled
Rear remote valves (Standard models)	Open center valves (one standard, a second optional)
Rear remote valves (Deluxe models)	Closed center deluxe valves (two standard, a third optional)
Flow control	Standard on Deluxe models, not available on Standard models

## THREE-POINT HITCH

Type	Cat II
OECD hitch lift capacity @ 24 inches, lb. (kg)	5,745 (2605)
Draft control/sensing	Mechanical/lower link
Link ends (Standard models)	Fixed (flexible optional)
Link ends (Deluxe models)	Flexible
Telescoping stabilizers	Yes
Swinging drawbar	Yes

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<b>CAPACITIES</b>			
Fuel tank U.S., gal. (L)		33.5 (127)	
Crankcase with filter, gal. (L)		2.6 (10)	
Cooling system, gal. (L)			
ROPS		3.2 (12)	
Cab		3.7 (14)	

<b>STEERING</b>			
Turning angle		55 degrees	
2WD turning radius, in. (mm) with brakes		133.9 (3350)	
FWD turning radius, in. (mm) with brakes		137.8 (3540)	

<b>AXLES</b>			
Front 2WD, in. (mm)		56 (1422) to 84 (2134)	
Front FWD, in. (mm)		56 (1422) to 84 (2134)	
Rear, in. (mm)		60 (1524) to 84 (2134)	
FWD engagement		Electro-hydraulic	
FWD axle traction (Standard models)		Limited Slip	
Front axle differential lock (Deluxe models)		Electro-hydraulic	
Rear differential lock			
2WD Standard models		Mechanical	
FWD Standard models		Electro-hydraulic	
All Deluxe models		Electro-hydraulic	
Brakes		Hydraulic wet disc	

<b>DIMENSIONS*</b>			
Height, top of cab, in. (mm)		102.5 (2604)	
Height, ROPS up, in. (mm)		104.5 (2654)	
Height, ROPS down, in. (mm)		84.0 (2133)	
Height to exhaust (ROPS only), in. (mm)		117.5 (2985)	
Wheelbase, in. (mm)			
2WD		92.2 (2342)	
FWD		91.1 (2314)	
Width across fenders, in. (mm)			
ROPS		72.6 (1845)	
Cab		79.5 (2019)	
Approx. shipping weight, lb. (kg)			
ROPS 2WD	6,393 (2900)	6,834 (3100)	6,834 (3100)
Cab 2WD	6,834 (3100)	7,275 (3300)	7,275 (3300)
ROPS FWD	7,055 (3200)	7,486 (3400)	7,486 (3400)
Cab FWD	7,496 (3400)	7,936 (3600)	7,936 (3600)

\* measured with 18.4R30 tires

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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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