

New Holland TL-A Series Tractor Specifications



TL80A TL90A TL100A

MODEL	TL80A	TL90A	TL100A
ENGINE			
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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CAPACITIES			
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).....	
STEERING			
Turning angle.....		.55 degrees.....	
2WD turning radius, in. (mm) with brakes.....		133.9 (3350).....	
FWD turning radius, in. (mm) with brakes.....		137.8 (3540).....	
AXLES			
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.....	
DIMENSIONS*			
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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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.



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.