

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.