

New Holland TNF-A Narrow Tractors



TN75FA TN85FA TN95FA

MODEL	TN75FA	TN85FA	TN95FA
ENGINE			
Gross engine hp (kW)*	72 (53.7)	82 (61.1)	91 (67.9)
PTO hp (kW)*	60 (44.7)	70 (52.2)	80 (59.7)
Cylinders		4	
Aspiration	Natural	Turbocharged	Turbocharged
Displacement, cu. in. (L)		238 (3.9)	
Rated speed, rpm		2300	
Engine torque @ 1400 rpm, ft.-lb. (Nm)	208 (282)	243 (330)	269 (365)
Engine torque rise %	32	33	35
Engine emission legislation specification		Tier II	
Cold starting aid		Thermostart	
Fuel capacity, gal. (L)		16 (61)	

*Manufacturer's estimate

TRANSMISSIONS / CLUTCH

16 x 16 Synchro Command™ Plus; synchronized left-hand mechanical shuttle		Standard	
Clutch, in. (mm)		11 (280) dry, cerametalic plate	

32 x 16 Dual Command™; 4 ranges of
4 synchronized gears and hi/lo powershift;
electro-hydraulic power shuttle control
Clutch, in. (mm)

NA	Optional, FWD only Six 5.2 (113) wet, organic plates	Optional, FWD only 5.2 (113) wet, organic plates
NA		

ELECTRICAL

Volts		12	
Battery (cca)		800	
Alternator (Amps) less cab / cab		65 / 85	
Seven-pin trailer outlet and four-pin power outlet (25 A) at rear of tractor; single-pin (8 A) accessory power outlet		Standard	

BRAKES

Service brakes		Hydraulic wet disc brakes, self-adjusting and self-equalizing	
Parking brake		Independent transmission park brake, lever controlled	

PTO

FRONT			
Speed rpm	NA	NA	1000
PTO clutch, in. (mm)	NA	NA	Independent, 11 (280) dry, electromagnetic, 65 hp rating
Engagement system	NA	NA	Electronic Switch
REAR			
Speed rpm		540/1000	
PTO clutch, in. (mm)		Independent, 11 (280) dry, cerametalic plate	
Engagement system		Single lever, hydraulic servo-assist engagement	

HYDRAULICS

System		Open center	
Pump type		Fixed displacement, gear	
System pressure, psi (bar)		2755 (190)	
Pump flow to implement, gpm (lpm)			
Standard		12.8 (48.4)	
Optional (FWD only)	16.9 (63.8)	16.9 (63.8)	16.9 (63.8) Std on FWD
Steering & lubrication pump			
16 x 16 transmission, gpm (lpm)		7.4 (28.2)	
32 x 16 transmission, gpm (lpm)	NA	9.4 (35.6)	9.4 (35.6)
Remote valves		2 standard	

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THREE-POINT REAR HITCH			
FRONT			
Category	NA	NA	I
Lift capacity, lb. (kg)	NA	NA	3307 (1500)
Upper/Lower limit control	NA	NA	Electronic position sensing
Raise/Lower control	NA	NA	Electro-hydraulic
REAR			
Category	II, convertible to I		
Lift capacity, lb. (kg) @ 24 in. (610 mm) behind link ends	4400 (1966)		
Draft sensing	Mechanical, lower link		
Fast raise/lower control system	Standard		

TURNING PERFORMANCE *

Turning radius - the radius of the circle defined from the center point to the outside edge of the front outside tire.

2WD - without brakes, ft. (m)	11.1 (3.4)
FWD - without brakes, ft. (m)	10.8 (3.3)
2WD - with brakes, ft. (m)	10.2 (3.1)
FWD - with brakes, ft. (m)	10.4 (3.2)

Turn around diameter - the diameter of the circle defined by the center line of the tractor under the rear axle at the drawbar pin.

2WD - without brakes, ft. (m)	13.3 (4.1)
FWD - without brakes, ft. (m)	8.4 (2.6)
2WD - with brakes, ft. (m)	10.5 (3.2)
FWD - with brakes, ft. (m)	6.9 (2.1)

* Turning performance is influenced by tire size and wheel width settings. Dimensions stated are with optimum settings.

VEHICLE WEIGHTS, lb. (kg) - includes 16 x 16 transmission, front weights, 380/70R24 rear tires, corresponding front tires, & no fuel.

2WD less cab	5440 (2468)	5470 (2481)	5515 (2502)
2WD cab	5780 (2622)	5810 (2635)	5855 (2656)
FWD less cab	5870 (2663)	5930 (2690)	5975 (2710)
FWD cab	6210 (2817)	6270 (2844)	6315 (2864)

DIMENSIONS, in. (mm) - measured on 380/70R24 rear tires & corresponding front tires

Wheelbase			
2WD	87.7 (2228)		
FWD	95.6 (2431)		
Tire track widths - dimensions vary with tire combinations			
Front 2WD	48.1 - 63.9 (1222 - 1622)		
Front FWD	45.9 - 54.4 (1148 - 1382)	45.0 - 58.0 (1142 - 1472)	45.0 - 58.0 (1142 - 1472)
Rear	43.8 - 61.0 (1112 - 1550)		
Min. overall width	58.7 (1492)		
Height to top of rollbar	89.3 (2269)		
Height to top of cab roof	90.1 (2288)		
Height to top of dash (less cab)	52.25 (1327)		
Height to top of less cab fender grab handles	57.25 (1454)		
Front Axle ground clearance			
2WD	13.75 (349)		
FWD	8.6 (218)		
Drawbar support ground clearance	10 (25)		

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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.