

New Holland TM Tractor Specifications



TM120 TM130 TM140 TM155 TM175 TM190

MODEL	TM120	TM130	TM140	TM155	TM175	TM190
ENGINE						
Cylinders	6	6	6	6	6	6
Aspiration	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged
	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled	Air-to-air intercooled
PTO horsepower (kW)	95 (70)	105 (78)	115 (85)	125 (93)	145 (108)	160 (119)
Displacement, cu in (L)	456 (7.5)	456 (7.5)	456 (7.5)	456 (7.5)	456 (7.5)	456 (7.5)
Rated speed (RPM)	2200	2200	2200	2200	2200	2200
Maximum torque (RPM)	1400	1400	1400	1400	1400	1400
Engine torque rise	30%	34%	40%	40%	40%	40%
TRANSMISSION						
Power Command™ powershift (2WD/FWD)	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6
Range Command™ semi-powershift (2WD/FWD)	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	17 x 6/18 x 6	NA	NA
Dual Command™	24 x 12	24 x 12	NA	NA	NA	NA
Creeper	yes	yes	yes	yes	yes	yes
ELECTRICAL						
Battery (2)	12V	12V	12V	12V	12V	12V
Cold cranking amps	1300	1300	1300	1300	1300	1300
Alternator (amps)	120	120	120	120	120	120
Worklights	12	12	12	12	12	12
PTO						
Type	Wet multi-plate	Wet multi-plate	Wet multi-plate	Wet multi-plate	Wet multi-plate	Wet multi-plate
Engagement	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
Speed (RPM)	540/1000	540/1000	540/1000	540/1000	540/1000	540/1000
HYDRAULICS						
System type	Closed center load sensing					
Implement hydraulic pump	Variable displacement piston					
Implement pump capacity, gpm (l/m)	28 (106)	28 (106)	28 (106)	28 (106)	31.7 (120)	31.7 (120)
Max. pressure, psi (bar)	2,750 (190)	2,750 (190)	2,750 (190)	2,750 (190)	2,750 (190)	2,750 (190)
Max. number of rear remotes	4	4	4	4	4	4
Joystick control and optional mid-mount valves	2-4	2-4	2-4	2-4	2-4	2-4
(2nd & 3rd mid mounts factory installed, 4th is dealer installed)					
3-POINT HITCH						
Type	Cat II	Cat II	Cat II/IIIN	Cat II/IIIN	Cat II/IIIN	Cat II/IIIN
Aux. Lift RAM	0	0	1	1	2	2
Lift capacity (24 inches behind ball ends)	7,441 (3375)	7,441 (3375)	11,420 (5180)	11,420 (5180)	17,085 (7750) est.	17,085 (7750) est.
Lift capacity (ASAE S349.2)	8,725 (3955)	8,725 (3955)	11,690 (5302)	11,690 (5302)	N/A	N/A
Draft control/sensing	EDC / lower link	EDC / lower link	EDC / lower link	EDC / lower link	EDC / lower link	EDC / lower link
Flexible link ends	Standard	Standard	Standard	Standard	Standard	Standard
Sway blocks	Standard	Standard	Standard	Standard	Standard	Standard

New Holland 95 to 160 PTO hp Tractor Specifications



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CAPACITIES						
Fuel tank, U.S. gal (L)	75.3 (285)	75.3 (285)	75.3 (285)	75.3 (285)	105.1 (398)	105.1 (398)
Crankcase with filter, qt. (L)	20 (19)	20 (19)	20 (19)	20 (19)	20 (19)	20 (19)
Cooling system, U.S. gal (L)	6.7 (25.5)	6.7 (25.5)	6.7 (25.5)	6.7 (25.5)	6.9 (26)	6.9 (26)
Hydraulic system, qt. (L)						
Power Command™						
transmission	23.8 (90)	23.8 (90)	23.8 (90)	23.8 (90)	26.4 (100)	26.4 (100)
Range Command™						
transmission	23.8 (90)	23.8 (90)	23.8 (90)	23.8 (90)	N/A	N/A
Dual Command™ transmission	19.3 (73)	19.3 (73)	N/A	N/A	N/A	N/A
STEERING						
Type Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	
Pump capacity, gpm (l/m)	16.4 (62)	16.4 (62)	16.4 (62)	16.4 (62)	17.2 (65)	17.2 (65)
Turning angle						
2WD	52°	52°	52°	52°	55°	55°
Std. FWD	55°	55°	55°	55°	55°	55°
SuperSteer™ FWD	65°	65°	65°	65°	65°	65°
AXLES — Tread Settings						
Front, in (cm)						
2WD	60.8 – 86.1 (154 – 219)	60.8 – 86.1 (154 – 219)	60.8 – 86.1 (154 – 219)	60.8 – 86.1 (154 – 219)	60.9 – 88.9 (155 – 226)	60.9 – 88.9 (155 – 226)
Std. FWD	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)
SuperSteer™ FWD	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)
TerraGlide™ FWD	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)	61.1 – 89.3 (155 – 227)
Flange rear, in (cm)	60 – 87.9 (152 – 223)	60 – 87.9 (152 – 223)	60 – 87.9 (152 – 223)	60 – 87.9 (152 – 223)	N/A	N/A
98" bar	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)	60 – 96 (152 – 243)
112" bar	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)	60 – 100 (152 – 254)
119" bar	N/A	N/A	N/A	N/A	60 – 118 (152-300)	60 – 118 (152-300)
Engagement	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic	Electro-hydraulic
TerraLock™	Standard on FWD; Semi-automatic system standard on 2WD					
DIMENSIONS* in (mm)						
Height, top of cab (Std. cab)	111.4 (2830)	111.4 (2830)	111.4 (2830)	111.4 (2830)	113.4 (2881)	113.4 (2881)
Wheelbase						
2WD	108.1 (2747)	108.1 (2747)	108.1 (2747)	108.1 (2747)	111.8 (2842)	111.8 (2842)
Std. FWD	107.2 (2723)	107.2 (2723)	107.2 (2723)	107.2 (2723)	110.9 (2816)	110.9 (2816)
SuperSteer™ FWD	113.4 (2880)	113.4 (2880)	113.4 (2880)	113.4 (2880)	117.1 (2975)	117.1 (2975)
TerraGlide™ FWD	109.7 (2788)	109.7 (2788)	109.7 (2788)	109.7 (2788)	113.3 (2878)	113.3 (2878)
Overall length (std. FWD)	185.7 (4718)	185.7 (4718)	185.7 (4718)	185.7 (4718)	189.4 (4813)	189.4 (4813)
Min. clearance at drawbar	16 (405)	16 (405)	16 (405)	16 (405)	18 (470)	18 (470)
* Tires used for dimensions	11 x 16 (2WD); 14.9R28/18.4R38 SWB (FWD) and 14.9R30/20.8R42 (FWD)					
Approx. shipping weight, lb (kg)						
2WD	10,230 (4640)	10,251 (4650)	10,471 (4750)	10,471 (4750)		
FWD	11,575 (5250)	11,575 (5250)	11,795 (5350)	12,015 (5450)	13,780 (6250)	13,780 (6250)

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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.