

# New Holland TV6070 Bidirectional™ Tractor Specifications



## TV6070

<b>MODEL</b>	<b>TV6070</b>
Rated PTO power, HP (kw)	105 (78)
<b>ENGINE</b>	
Make/model	FPT
Type	6-cylinder parent bore diesel
Fuel Injection	Bosch mechanical pump, direct injection
Bare engine power, HP (kw)	155 (116)
Rated speed, RPM	2,200
Idle speed, RPM	850-950
Displacement, cu. in. (L)	6 / 411 (6 / 6.7)
Aspiration	Turbocharged/air-air intercooled
Air cleaner	Dual element dry with aspirated spin tube precleaner
Cold start aids	Grid heater/coolant block heater
Bio diesel compatibility	Up to 100%
<b>ELECTRICAL</b>	
Type	12v negative ground
Batteries	Two group 31 low maintenance
Cold start rating, each, CCA	950
Alternator, amps	120
<b>TRANSMISSION</b>	
Type	Multi-range closed-loop hydrostatic
Pump	Variable displacement, mechanical operator control
Motor	Electronically controlled 8-range variable displacement
Ground speeds in ranges, MPH (KPH)	
	1 0 to 6.7 (10.8)
	2 0 to 7.7 (12.4)
	3 0 to 8.3 (13.4)
	4 0 to 9.1 (14.6)
	5 0 to 10.3 (16.6)
	6 0 to 11.6 (18.7)
	7 0 to 16.2 (26.0)
	8 0 to 19.5 (31.4)
Braking	Dynamic braking by moving lever to neutral position
<b>AXLES AND BRAKES</b>	
Axle type	HD flange with inboard planetary reduction
Differential lock, cab end	Standard
Differential lock, engine end	Optional
Oscillation, degrees	10
Brake type	Wet disc in cab-end axle, hydraulic actuation
Total brake area, in. <sup>2</sup> (cm <sup>2</sup> )	507 (3271)
Parking brake	Cable actuation of service brakes
<b>PTO SYSTEMS</b>	
Type	Mechanical 540/1000 RPM
Shafts	Interchangeable 1 3/8" diameter
Locations:	
	cab end Standard
	engine end Optional
Engagement	Electro-hydraulic

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<b>HYDRAULIC SYSTEMS</b>	
Standard system-type	
Type	CCLS with piston pump
Total flow @ 2200 engine RPM, GPM (LPM)	29.5 (111)
Pressure compensator, PSI (Bar)	3,000 (207)
Remote valves-standard cab end	3
In-cab flow controls	3
Valve actuation	Hand levers, foot pedals
Remote valves-optional engine end	2
Valve actuation	Hand levers
Couplers	1/2" ISO, 2 for each valve
Optional auxiliary hydraulics	
Type	CCLS with piston pump; electronic flow control
Maximum flow @ 2200 engine RPM, GPM (LPM)	35 (133)
Pressure compensator, PSI (Bar)	4350 (300)
Couplers	3/4" ISO, with 1/2" case drain
<b>3-POINT HITCHES</b>	
Type	Category II, flex link ends and sway links
Controls	Electronic position control, auto and manual modes
Standard cab end	
Lift capacity @ 24" behind links, lbs. (kg)	6,500 (2950)
Optional cab end	
Lift capacity @ 24" behind links, lbs. (kg)	8,700 (3950)
Optional engine end	
Lift capacity @ 24" behind links, lbs. (kg)	4,000 (1800)
<b>STEERING</b>	
Type	Hydrostatic power
Articulation angle	45 degrees maximum
Curb clearance circle, ft. in. (m)	32' 10" (10.0)
<b>CAB</b>	
Type	2-Door ROPS/FOPS
Tinted safety glass, area, ft² (m²)	61 (5.67)
Climate control	Pressurizer, heater/defroster, air conditioning
Fan	3-speed
Seat	Air suspension, 7 comfort adjustments
Turnabout™ console	210 degree rotation to face either driving direction
<b>DRAWBARS</b>	
Type	3-position adjustable, swinging
Cab end	Standard
Engine end	Optional
<b>REFILL CAPACITIES</b>	
Fuel tanks, gal. (L)	55 (208)
Engine oil, gal. (L)	5 (19)
Engine coolant, gal. (L)	7.25 (27)
Hydraulic system/rear axle, gal. (L)	13.5 (51)
Front axle, gal. (L)	6.5 (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.

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