

HP/kW
112-165/82-121

New Holland T6000 Series



T6020 Delta



T6020 Plus



T6050 Delta



New Holland T6050



New Holland T6070



SPECIFICATIONS

| | | T6020 DELTA | T6050 DELTA | T6050 PLUS | T6070 PLUS |
|---|--------------|-----------------------------|-----------------------------|---------------|------------|
| Engine | | | | | |
| Rated Power – ISO 14396/EC R120 | (kW/hp) | 82/112 | 93/127 | 93/127 | 104/141 |
| Rated Speed | (rpm) | 2200 | | | |
| Max Torque ISO 14396 | (Nm@rpm) | 510@1250 | 555@1250 | 555@1250 | 625@1250 |
| Cylinders/Displacement | (cu.cm) | 4/4485 | 6/6728 | | |
| Torque Rise | (% max) | 43 | 38 | 38 | 39 |
| Aspiration | | Turbocharged | | | |
| Intercooling | | Air-to-air-intercooled | | | |
| Electrical | | | | | |
| Standard Alternator | (Amps) | 120 Amp. 12V | | | |
| Battery capacity CCA (Std/Opt) | | 800/960 | 1300 | | |
| Transmission | | | | | |
| 12x12 Synchro Command™ | | Standard | N/A | | |
| 24x24 Dual Command™ | | Optional | Standard | | |
| 16x16 ElectroShift™ | | N/A | Optional | | |
| PTO - Standard "Soft Start" | | Standard | | | |
| Axles | | | | | |
| Conventional 4wd axle - limited slip | | Standard | | | |
| Conventional 4wd axle - Terralock™ | | N/A | Optional | | |
| 4wd track width adjustability | (mm) | 1580 - 2337 | | | |
| Wheelbase (4wd) | (mm) | 2387 | 2627 | | |
| Hydraulics | | | | | |
| Load - sensing hydraulic type | | Open centre | Closed centre with 16x16 | | |
| Rear remotes | | 2 Std, 3 Opt ional | 2 Std, 3 or 4 Mechanical | | |
| Mid Remotes | | 2 Mechanical Mid Optional | | | |
| Main/Implement pump flow | (Litres/min) | 63 | 80 (113 with 16x16) | | |
| Steering and Services pump flow | (Litres/min) | 40 | 40 (47 with 16x16) | | |
| Total tractor hydraulic flow | (Litres/min) | 103 | 120 (160 with 16x16) | | |
| Draft control | | Mechanical, EDC Optional | EDC, Mechanical Optional | | |
| 3 Point Hitch Category | | CAT II MDC, CAT II/IIIN EDC | CAT II MDC, CAT II/IIIN EDC | CAT II / IIIN | |
| 3 Point Hitch Capacity at ball ends STD/OPT | (kg) | 4964/5997 | 5994/7864 | | |
| Capacities | | | | | |
| Fuel Tank | (Litres) | 176 | 250 | | |
| Engine Oil | (Litres) | 10 | 15 | | |
| Hydraulic Fluid | (Litres) | 65 | 65 (62 16x16) | | |
| Horizon™ Cab w/Hi Visibility Panel | | | | | |
| Glass area incl Hi Visibility Panel | (m²) | 5.85 | | | |
| Sound Level | (dBA) | 70-72 | 71-73 | | |
| Dimensions | | | | | |
| Shipping weight STD 4wd ROPS | (kg) | 4280 | 4700 | N/A | N/A |
| Shipping weight STD 4wd CAB | (kg) | 4750 | 4870 | | |
| Height to top of ROPS | (mm) | 2856 | 2898 | N/A | N/A |
| Height to top of CAB | (mm) | 2775 | 2819 | | |
| Height to top of exhaust | (mm) | 2726 | 2770 | | |



SPECIFICATIONS

| | | T6070 | T6080 | T6090 |
|---|--------------------|-------------|----------------|-------------|
| Engine | | NEF | | |
| No of cylinders/aspiration/valves/emission level | | | 6/T/4v/Tier 3 | |
| Fuel system - high pressure common rail | | | Standard | |
| Approved Biodiesel blend (conditions apply) | | | B100 | |
| Capacity | (cm ³) | | 6728 | |
| Bore and Stroke | (mm) | | 104x132 | |
| Rated power - ISO TR14396 - ECE R120 | (kW/hp) | 104/142 | 114/155 | 121/165 |
| Max power - ISO TR14396 - ECE R120 EPM | (kW/hp) | 131/178 | 142/193 | 148/201 |
| Rated engine speed | (rpm) | | 2200 | |
| Max torque ISO TR14396 | (Nm) | 643@1400rpm | 690@1400rpm | 710@1400rpm |
| Max torque ISO TR14396 EPM | (Nm) | 678@1600rpm | 748@1600rpm | 778@1600rpm |
| Torque rise standard/with EPM | (%) | 42/27 | 37/28 | 35/28 |
| Viscous coupled cooling fan | | | Standard | |
| Fuel tank capacity | (Litres) | | 285 | |
| Service interval | (hours) | | 600 | |
| Transmission | | | | |
| IntelliShift™ system | | | Standard | |
| Range Command™ Semi Powershift (40kph) | | | | |
| Speed range/speed range with creeper | (FxR) | | 18x6/28x12 | 19x6/29x12 |
| Min speed/min speed with creeper | (kph) | 2.4/0.40 | 2.2/0.37 | 2.2/0.66 |
| Auto transmission functions | | | Standard | |
| Power Command™ Full Powershift (40kph) | | | | |
| Speed range/speed range with creeper | (FxR) | | 18x6/28x12 | |
| Min speed/min speed with creeper | (kph) | 1.9/0.31 | | 1.8/0.29 |
| Auto transmission functions | | | Standard | |
| Axles | | | | |
| 4wd front axle | | | Standard | |
| Terraglide™ front axle suspension | | | Optional | |
| Steering angle Standard/ Terraglide™ | (°) | | 55/55 | |
| Fast Steer™ system | | | Optional | |
| Terralock™ functions | | | Standard | |
| Dynamic front fenders | | | Optional | |
| Turning radius with std/suspension front axle | (mm) | | 5450 | |
| Hydraulics | | | | |
| Closed Centre Load Sensing | | | Standard | |
| Main pump flow/pump pressure | (Lpm/bar) | | 113/210 | |
| Electronic Draft Control | | | Standard | |
| Remote Valves | | | | |
| Type: Deluxe -Non Configurable detents | | | Standard | |
| Type: Configurable detents | | | Optional | |
| Max no rear valves | | 4 | 4 | 4 |
| Joystick control | | | Optional | |
| Max no mid mount valves | | 3 | 3 | 3 |
| Linkage | | | | |
| Max lift capacity at ball ends - 100mm rams | (kg) | | 8257 | |
| Max lift capacity through the range (610mm behind ball ends) - 100mm rams | (kg) | | 6616 | |
| Front linkage lift capacity at ball end (through the range) | (kg) | | 3568 | |
| PTO | | | | |
| Auto Soft Start | | | Standard | |
| Engine speed at 540/540E/1000rpm | (rpm) | | 1969/1546/2120 | |
| Auto PTO management | | | Optional | |
| Front PTO (1000 rpm) | | | Optional | |
| Brakes | | | | |
| Hydraulic trailer brakes | | | Optional | |
| Pneumatic tractor brakes (Standard with 50kph) | | | Optional | |

SPECIFICATIONS

| | T6070 | T6080 | T6090 |
|--|----------|----------|----------|
| Cab | | | |
| 4 pillar horizon cab | Standard | Standard | Standard |
| High visibility roof patch | Optional | Optional | Optional |
| High visibility RHS door | Optional | Optional | Optional |
| Opening RHS door | Optional | Optional | Optional |
| HID lighting pack (dealer fitted) | Optional | Optional | Optional |
| Deluxe air suspension seat | Standard | Standard | Standard |
| Auto Comfort™ seat | Optional | Optional | Optional |
| Instructors seat | Optional | Optional | Optional |
| Air conditioning | Standard | Standard | Standard |
| Automatic climate control | Optional | Optional | Optional |
| Air recirculation filters | Standard | Standard | Standard |
| MP3 Bluetooth Radio (Hands free phone calls) | Optional | Optional | Optional |
| Telescopic shatterproof mirrors | Standard | Standard | Standard |
| Comfort Ride™ cab suspension | Standard | Standard | Standard |
| Headland Turn Sequence | Optional | Optional | Optional |
| Fender mounted external PTO & linkage controls | Optional | Optional | Optional |
| Fender mounted external remote valve control | Optional | Optional | Optional |
| Performance monitor with enhanced key pad | Standard | Standard | Standard |
| IntelliView™ IV large screen | Optional | Optional | Optional |
| IntelliSteer™ guidance ready | Optional | Optional | Optional |
| Optimum cab noise level EC 77/311 [dB(A)] | 70 | 70 | 70 |
| Factory fitted rotating beacons (1/2) | Optional | Optional | Optional |

Dimensions

Minimum Unballasted / Shipping Weights

| | | | | |
|----------------------------------|------|-------|-------|-------|
| Standard front axle | (kg) | 5450 | 5650 | 5650 |
| Terraglide™ suspended front axle | (kg) | 5750 | 5950 | 5950 |
| Maximum permissible weight | (kg) | 10000 | 10500 | 10500 |



| | T6070 | T6080 | T6090 | |
|---|-----------|-----------|-----------|-----------|
| Dimensions with rear tyre size | | | | |
| | 600/65R38 | 580/70R42 | 650/65R42 | |
| A Overall length incl weight pack and rear links | (mm) | 5347 | 5347 | 5347 |
| B Minimum width | (mm) | 2230 | 2180 | 2384 |
| C Height at centre of rear axle to top of cab | (mm) | 2215 | 2215 | 2215 |
| D Overall height | (mm) | 3040 | 3140 | 3140 |
| E Wheelbase: Standard axle | (mm) | 2734 | 2734 | 2734 |
| Terraglide™ suspended axle | (mm) | 2789 | 2789 | 2789 |
| F Track width (min/max) | (mm) | 1560/2234 | 1600/2234 | 1734/2234 |
| G Ground clearance | (mm) | 486 | 586 | 586 |