

# 184 G

Compact Wheel Loader



JOHN DEERE

**JESCO**  
THE DOWN-TO-EARTH EQUIPMENT PEOPLE™



## 184 G-TIER WHEEL LOADER SPECIFICATIONS

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

| Engine   |  | 184 G-TIER   |
|--|--|--|
| Manufacturer and Model   |  | Yanmar 4TNV88C   |
| Non-Road Emission Standard   |  | EPA Final Tier 4 / EU Stage V  |
| Cylinders  |  | 4  |
| Valves per Cylinder  |  | 4  |
| Displacement   |  | 2.2 L (134 cu. in.)  |
| Net Peak Power at 2,200 rpm (SAE J1349 / ISO 9249)                     |  | 33 kW (44 hp)  |
| Gross Rated Power at 2,200 rpm (ISO 14396)                             |  | 36 kW (48 hp)  |
| Peak Torque at 1,950 rpm (SAE J1349 / ISO 9249)                        |  | 146 Nm (108 lb.-ft.)   |
| Engine Bore and Stroke   |  | 88 x 90 mm (3.46 x 3.54 in.)   |
| Lubrication  |  | Pressure system with full-flow spin-on filter  |
| Aspiration   |  | Turbocharged   |
| Air Cleaner  |  | Dual safety element dry type   |
| Cooling  |  |  |
| Fan  |  | Direct driven  |
| Engine Coolant Rating  |  | -37 deg. C (-34 deg. F)  |
| Powertrain   |  |  |
| Type   |  | Hydrostatic (HST) with infinitely variable speed control over full range of operating speeds; 2 speed ranges; joystick-mounted F-N-R; acceleration pedal; HST inching pedal, which allows infinitely reduced travel speeds while maintaining full engine rpm and hydraulic flow                              |
| 2 Travel Speeds in Forward and Reverse (equipped with 365/70R18 tires) |  |  |
| Gear 1   |  | 6.0 km/h (3.7 mph)   |
| Gear 2   |  | 20.0 km/h (12.4 mph)   |
| Axes   |  | Rigid-mount front and rear axles with 10-deg. frame oscillation  |
| Rear-Axle Versus Front-Axle Oscillation                                |  | 20 deg. total, stop to stop  |
| Differentials  |  | 45% locking front and rear differentials   |
| Maximum Rise and Fall, Single Wheel                                    |  | 254 mm (10 in.)  |
| Steering   |  | Hydraulic power steering (SAE J1511); 40-deg. articulation left and right  |
| Steering Wheel Turns, Stop to Stop                                     |  | 3.5 left to 4.5 right  |
| Articulation Angle   |  | 80-deg. arc (40 deg. each direction)   |
| Final Drive  |  | Heavy-duty outboard planetary  |
| Brakes (SAE J1473 / ISO 3450)  |  |  |
| Service Brakes   |  | Hydraulically actuated, self-adjusting internal wet-disc brake and driveline drum brake  |
| Parking Brake  |  | Automatically spring-applied, hydraulically released, internal wet disc  |
| Hydraulics   |  |  |
| Main Pump (loader and steering)  |  | Fixed-displacement gear pump; open-center system   |
| Maximum Rated Flow at 6895 kPa (1,000 psi)                             |  | 61 L/m (16 gpm)  |
| Maximum Pressure at Couplings  |  | 23 000 kPa (3,336 psi)   |
| System Relief Pressure   |  |  |
| Loader   |  | 23 000 kPa (3,336 psi)   |
| Steering   |  | 18 000 kPa (2,611 psi)   |
| Hydraulic Cycle Time   |  |  |
| Raise  |  | 4.6 sec.   |
| Dump   |  | 1.3 sec.   |
| Lower (power down)   |  | 3.0 sec.   |
| Total  |  | 8.9 sec.   |
| Controls   |  | 3-function valve with single-lever control for boom and bucket, with hydraulic lockout feature; joystick-mounted push-button electrohydraulic (EH) control for auxiliary hydraulics, with hydraulic lockout feature; ride control electrically actuated for improved ride quality (factory and field option) |
| Cylinders  |  |  |
| Type   |  | Heat-treated, chrome-plated, polished cylinder rods; hardened steel (replaceable bushings) pivot pins  |

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# 184

# G

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| Electrical  |   | 184 G-TIER                    |                           |
|---|---|-------------------------------|---------------------------|
| Type  | Electrical load center with blade-type multi-fused circuits   |                               |                           |
| Voltage   | 12 volt   |                               |                           |
| Number of Batteries   | 1   |                               |                           |
| Battery Capacity  | 830 CCA   |                               |                           |
| Alternator Rating   | 80 amp  |                               |                           |
| Lights (SAE 99)   | Driving/front working lights (2), rear working lights (2), turn signals, flashers, and stop- and taillights |                               |                           |
| Operator's Station  |   |                               |                           |
| Noise Level (ISO 6396)  |   |                               |                           |
| Operator Ear  | 78 dba  |                               |                           |
| Bystander   | 101 dba   |                               |                           |
| Tires/Wheels  |   |                               |                           |
| Tires on Single-Piece Rims  | Tread Width*  | Width Over Tires†             | Change in Vertical Height |
| 365/70R18 Mitas EM-01 (standard)  | 1370 mm (4 ft. 6 in.)   | 1780 mm (5 ft. 10 in.)        | —                         |
| 405/70R18 Firestone Duraforce (optional)  | 1360 mm (4 ft. 6 in.)   | 1820 mm (6 ft. 0 in.)         | 23 mm (0.9 in.)           |
| *Also see <b>I</b> in <b>Dimensions</b> section on pages 8 and 9. / †Also see <b>J</b> in <b>Dimensions</b> section on pages 8 and 9. |   |                               |                           |
| Serviceability  |   |                               |                           |
| Refill Capacities   |   | Refill Capacities (continued) |                           |
| Cooling System (engine and radiator)  | 10.0 L (10.6 qt.)   | Fuel Tank                     | 62.0 L (16.4 gal.)        |
| Differential and Planetary Axle   |   | Hydraulic/HST Reservoir       | 45.0 L (11.9 gal.)        |
| Front   | 5.5 L (5.8 qt.)   | With Filter                   |                           |
| Rear  | 5.5 L (5.8 qt.)   | HST Motor Gearbox             | 0.5 L (0.5 qt.)           |
| Engine Oil With Filter  | 7.4 L (7.8 qt.)   |                               |                           |
| Operating Weights   |   |                               |                           |
| With standard equipment, 365/70R18 tires, standard counterweight, 79-kg (175 lb.) operator, and full fuel tank                        |   |                               |                           |
|   | With Enclosed Cab   | With Open ROPS                |                           |
| Quik-Tatch™ Quick-Coupler   |   |                               |                           |
| With 0.7-m³ (0.9 cu. yd.) General-Purpose Bucket  | 4840 kg (10,670 lb.)  | 4820 kg (10,626 lb.)          |                           |
| With Bolt-On Edge   |   |                               |                           |
| With 0.8-m³ (1.0 cu. yd.) General-Purpose Bucket  | 4880 kg (10,759 lb.)  | 4830 kg (10,648 lb.)          |                           |
| With Bolt-On Edge   |   |                               |                           |
| With 1.1-m³ (1.4 cu. yd.) General-Purpose Bucket  | 4990 kg (11,001 lb.)  | 4940 kg (10,891 lb.)          |                           |
| With Bolt-On Edge   |   |                               |                           |
| With Fork   | 4760 kg (10,494 lb.)  | 4710 kg (10,384 lb.)          |                           |
| Hook/Euro Quick-Coupler   |   |                               |                           |
| With 0.7-m³ (0.9 cu. yd.) General-Purpose Bucket  | 4660 kg (10,274 lb.)  | 4610 kg (10,163 lb.)          |                           |
| With Bolt-On Edge   |   |                               |                           |
| With 0.8-m³ (1.0 cu. yd.) General-Purpose Bucket  | 4690 kg (10,340 lb.)  | 4640 kg (10,229 lb.)          |                           |
| With Bolt-On Edge   |   |                               |                           |
| With 1.1-m³ (1.4 cu. yd.) General-Purpose Bucket  | 4810 kg (10,604 lb.)  | 4760 kg (10,494 lb.)          |                           |
| With Bolt-On Edge   |   |                               |                           |
| With Fork   | 4590 kg (10,119 lb.)  | 4540 kg (10,009 lb.)          |                           |
| Optional Components   |   |                               |                           |
| Quik-Tatch Quick-Coupler  |   |                               |                           |
| With 0.7-m³ (0.9 cu. yd.) Bucket  | 389 kg (858 lb.)  | 389 kg (858 lb.)              |                           |
| With 0.8-m³ (1.0 cu. yd.) Bucket  | 405 kg (893 lb.)  | 405 kg (893 lb.)              |                           |
| With 1.1-m³ (1.4 cu. yd.) Bucket  | 481 kg (1,061 lb.)  | 481 kg (1,061 lb.)            |                           |
| With Fork and Tines   | 328 kg (723 lb.)  | 328 kg (723 lb.)              |                           |
| Hook/Euro Quick-Coupler   |   |                               |                           |
| With 0.7-m³ (0.9 cu. yd.) Bucket  | 306 kg (675 lb.)  | 306 kg (675 lb.)              |                           |
| With 0.8-m³ (1.0 cu. yd.) Bucket  | 337 kg (743 lb.)  | 337 kg (743 lb.)              |                           |
| With 1.1-m³ (1.4 cu. yd.) Bucket  | 457 kg (1,008 lb.)  | 457 kg (1,008 lb.)            |                           |
| With Fork and Tines   | 235 kg (518 lb.)  | 235 kg (518 lb.)              |                           |

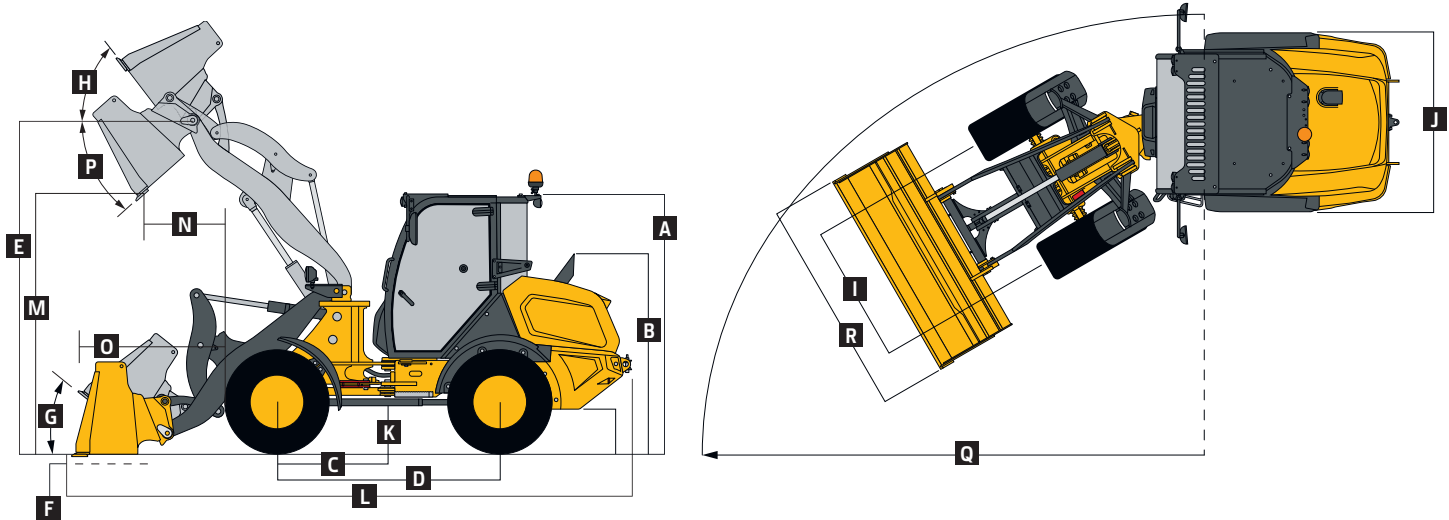
| Dimensions and Specifications With Quik-Tatch Coupler and Bucket OR With Hook/Euro Quick-Coupler and Bucket             |                                  |                                  |                                  |
|---|----------------------------------|----------------------------------|----------------------------------|
| 184 G-TIER  |                                  |                                  |                                  |
| Dimensions With Quik-Tatch Coupler OR With Hook/Euro Quick-Coupler / With General-Purpose (GP) Bucket With Bolt-On Edge |                                  |                                  |                                  |
|   | 0.7 m <sup>3</sup> (0.9 cu. yd.) | 0.8 m <sup>3</sup> (1.0 cu. yd.) | 1.1 m <sup>3</sup> (1.4 cu. yd.) |
| A Height to Top of Cab  | 2455 mm (8 ft. 1 in.)            | 2455 mm (8 ft. 1 in.)            | 2455 mm (8 ft. 1 in.)            |
| A <sup>1</sup> Height to Top of Canopy  | 2430 mm (8 ft. 0 in.)            | 2430 mm (8 ft. 0 in.)            | 2430 mm (8 ft. 0 in.)            |
| B Height to Top of Exhaust  | 1850 mm (6 ft. 1 in.)            | 1850 mm (6 ft. 1 in.)            | 1850 mm (6 ft. 1 in.)            |
| C Length From Centerline to Front Axle  | 1070 mm (3 ft. 6 in.)            | 1070 mm (3 ft. 6 in.)            | 1070 mm (3 ft. 6 in.)            |
| D Wheelbase   | 2150 mm (7 ft. 1 in.)            | 2150 mm (7 ft. 1 in.)            | 2150 mm (7 ft. 1 in.)            |
| E Height to Hinge Pin, Fully Raised   | 3160 mm (10 ft. 4 in.)           | 3160 mm (10 ft. 4 in.)           | 3160 mm (10 ft. 4 in.)           |
| F Maximum Digging Depth   | 80 mm (3.0 in.)                  | 80 mm (3.0 in.)                  | 80 mm (3.0 in.)                  |
| G Maximum Rollback at Ground Level  | 42 deg.                          | 42 deg.                          | 42 deg.                          |
| H Maximum Rollback at Full Height   | 65 deg.                          | 65 deg.                          | 65 deg.                          |
| I Tread Width (standard) <sup>8</sup>   | 1370 mm (4 ft. 6 in.)            | 1370 mm (4 ft. 6 in.)            | 1370 mm (4 ft. 6 in.)            |
| J Width Over Tires (standard) <sup>8</sup>  | 1780 mm (5 ft. 10 in.)           | 1780 mm (5 ft. 10 in.)           | 1780 mm (5 ft. 10 in.)           |
| K Ground Clearance  | 292 mm (12 in.)                  | 292 mm (12 in.)                  | 292 mm (12 in.)                  |
| <sup>8</sup> Also see <b>Tires/Wheels</b> section on page 7.  |                                  |                                  |                                  |
| Dimensions With Quik-Tatch Coupler and GP Bucket With Bolt-On Edge  |                                  |                                  |                                  |
| L Overall Length, Bucket on Ground  | 5420 mm (17 ft. 9 in.)           | 5450 mm (17 ft. 11 in.)          | 5520 mm (18 ft. 1 in.)           |
| M Dump Clearance, 40-deg. Full Height   | 2420 mm (7 ft. 11 in.)           | 2390 mm (7 ft. 10 in.)           | 2350 mm (7 ft. 9 in.)            |
| N Reach, 40-deg. Dump, Full Height  | 859 mm (34 in.)                  | 888 mm (35 in.)                  | 930 mm (3 ft. 1 in.)             |
| O Maximum Reach, 42-deg. Dump   | 1580 mm (5 ft. 2 in.)            | 1600 mm (5 ft. 3 in.)            | 1650 mm (5 ft. 5 in.)            |
| P Bucket Dump at Full Height  | 40 deg.                          | 40 deg.                          | 40 deg.                          |
| Q Turning Circle Radius Over Outside of Bucket Edge   | 4330 mm (14 ft. 2 in.)           | 4340 mm (14 ft. 3 in.)           | 4500 mm (14 ft. 9 in.)           |
| R Bucket Width  | 1.90 m (6 ft. 3 in.)             | 1.90 m (6 ft. 3 in.)             | 2.20 m (7 ft. 3 in.)             |
| Specifications With Quik-Tatch Coupler and GP Bucket With Bolt-On Edge  |                                  |                                  |                                  |
| Capacity, Heaped, SAE   | 0.7 m <sup>3</sup> (0.9 cu. yd.) | 0.8 m <sup>3</sup> (1.1 cu. yd.) | 1.1 m <sup>3</sup> (1.4 cu. yd.) |
| Capacity, Struck, SAE   | 0.6 m <sup>3</sup> (0.8 cu. yd.) | 0.7 m <sup>3</sup> (0.9 cu. yd.) | 0.9 m <sup>3</sup> (1.2 cu. yd.) |
| Breakout Force, SAE J732C   | 3250 kg (7,165 lb.)              | 3060 kg (6,746 lb.)              | 2750 kg (6,063 lb.)              |
| Tipping Load, Straight  | 2950 kg (6,504 lb.)              | 2930 kg (6,460 lb.)              | 2800 kg (6,173 lb.)              |
| Tipping Load, Full Turn, SAE  | 2600 kg (5,732 lb.)              | 2580 kg (5,688 lb.)              | 2470 kg (5,445 lb.)              |
| Rated Operating Load, 50% of Full-Turn Tipping Load (conforms to ISO 14397-1)*  | 1300 kg (2,866 lb.)              | 1290 kg (2,844 lb.)              | 1235 kg (2,723 lb.)              |
| <i>*Rated operating capacity based on Deere attachments only.</i>   |                                  |                                  |                                  |
| Dimensions With Hook/Euro Quick-Coupler and GP Bucket With Bolt-On Edge   |                                  |                                  |                                  |
| L Overall Length, Bucket on Ground  | 5290 mm (17 ft. 4 in.)           | 5330 mm (17 ft. 6 in.)           | 5390 mm (17 ft. 8 in.)           |
| M Dump Clearance, 40-deg. Full Height   | 2470 mm (8 ft. 1 in.)            | 2440 mm (8 ft. 0 in.)            | 2400 mm (7 ft. 10 in.)           |
| N Reach, 40-deg. Dump, Full Height  | 718 mm (28 in.)                  | 746 mm (29 in.)                  | 789 mm (31 in.)                  |
| O Maximum Reach, 42-deg. Dump   | 1490 mm (4 ft. 11 in.)           | 1517 mm (5 ft. 0 in.)            | 1560 mm (5 ft. 1 in.)            |
| P Bucket Dump at Full Height  | 42 deg.                          | 42 deg.                          | 42 deg.                          |
| Q Turning Circle Radius Over Outside of Bucket Edge   | 4240 mm (13 ft. 11 in.)          | 4300 mm (14 ft. 1 in.)           | 4457 mm (14 ft. 7 in.)           |
| R Bucket Width  | 1.90 m (6 ft. 3 in.)             | 1.90 m (6 ft. 3 in.)             | 2.20 m (7 ft. 3 in.)             |
| Specifications With Hook/Euro Quick-Coupler and GP Bucket With Bolt-On Edge   |                                  |                                  |                                  |
| Capacity, Heaped, SAE   | 0.7 m <sup>3</sup> (0.9 cu. yd.) | 0.8 m <sup>3</sup> (1.1 cu. yd.) | 1.1 m <sup>3</sup> (1.4 cu. yd.) |
| Capacity, Struck, SAE   | 0.6 m <sup>3</sup> (0.8 cu. yd.) | 0.7 m <sup>3</sup> (0.9 cu. yd.) | 0.9 m <sup>3</sup> (1.2 cu. yd.) |
| Breakout Force, SAE J732C   | 4080 kg (8,995 lb.)              | 3870 kg (8,532 lb.)              | 3460 kg (7,628 lb.)              |
| Tipping Load, Straight  | 3390 kg (7,474 lb.)              | 3340 kg (7,363 lb.)              | 3200 kg (7,055 lb.)              |
| Tipping Load, Full Turn, SAE  | 2990 kg (6,592 lb.)              | 2950 kg (6,504 lb.)              | 2820 kg (6,217 lb.)              |
| Rated Operating Load, 50% of Full-Turn Tipping Load (conforms to ISO 14397-1)*  | 1495 kg (3,296 lb.)              | 1475 kg (3,252 lb.)              | 1410 kg (3,109 lb.)              |
| <i>*Rated operating capacity based on Deere attachments only.</i>   |                                  |                                  |                                  |

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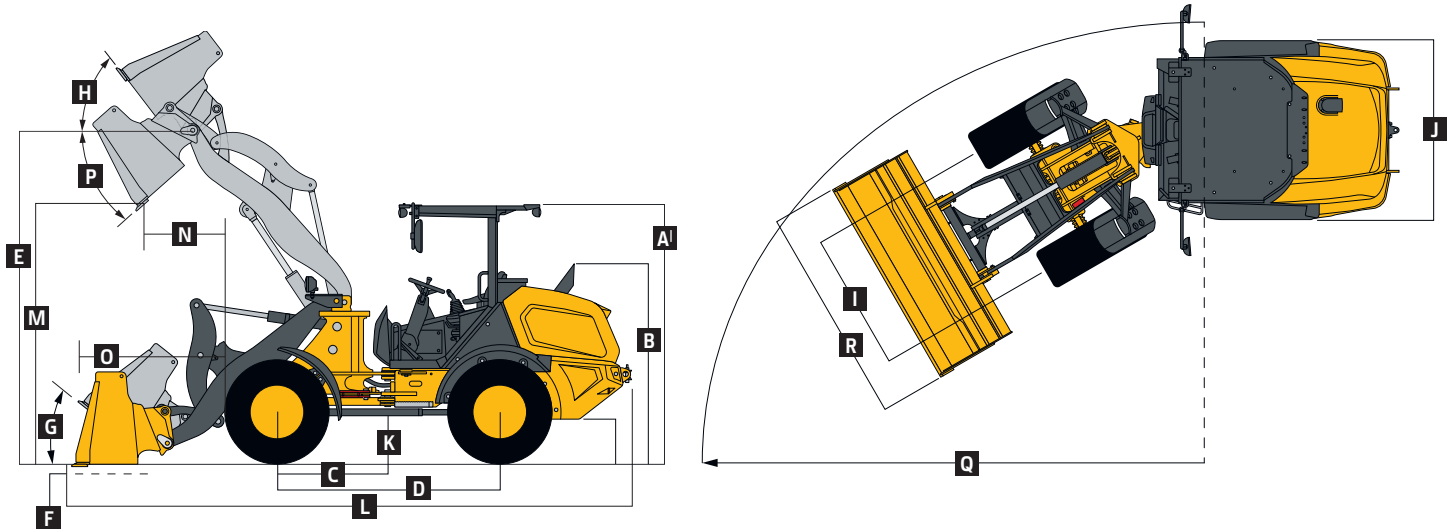
184 G-TIER

Dimensions and Specifications With Quik-Tatch Coupler and Bucket  
OR With Hook/Euro Quick-Coupler and Bucket (continued) 184 G-TIER

184 G-TIER LOADER WITH CAB, QUIK-TATCH COUPLER OR HOOK/EURO QUICK-COUPLER, AND BUCKET



184 G-TIER LOADER WITH CANOPY, QUIK-TATCH COUPLER OR HOOK/EURO QUICK-COUPLER, AND BUCKET



# 184 G-TIER

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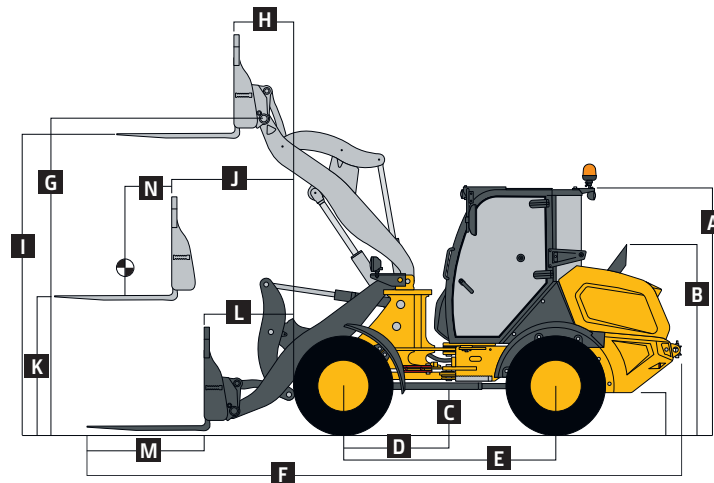
## Dimensions and Specifications With Quik-Tatch Coupler and Fork OR With Hook/Euro Quick-Coupler and Fork

### 184 G-TIER

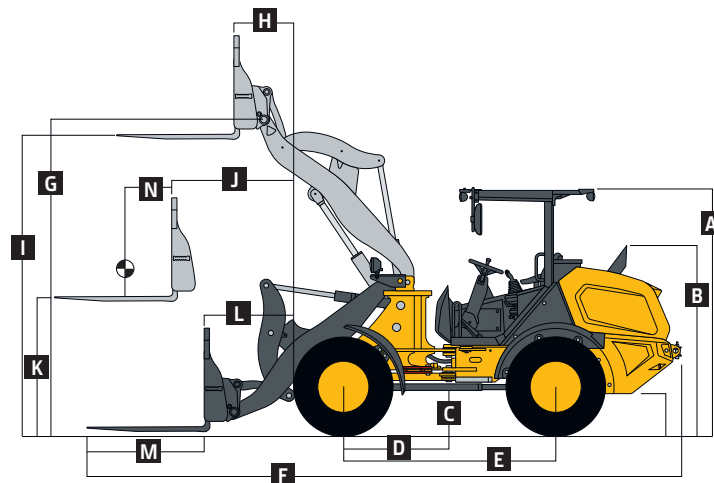
| Dimensions With Fork   | 184 G-TIER   |   |  |
|--|--|---|--|
|  | Quik-Tatch Coupler and<br>1.2-m (48 in.) tine length | Quik-Tatch Coupler and<br>1.52-m (60 in.) tine length | Hook/Euro Quick-Coupler<br>and 1.2-m (48 in.) tine<br>length |
| A Height to Top of Cab   | 2455 mm (8 ft. 1 in.)                                | 2455 mm (8 ft. 1 in.)                                 | 2455 mm (8 ft. 1 in.)  |
| A <sup>1</sup> Height to Top of Canopy   | 2430 mm (8 ft. 0 in.)                                | 2430 mm (8 ft. 0 in.)                                 | 2430 mm (8 ft. 0 in.)  |
| B Height to Top of Exhaust   | 1850 mm (6 ft. 1 in.)                                | 1850 mm (6 ft. 1 in.)                                 | 1850 mm (6 ft. 1 in.)  |
| C Ground Clearance   | 292 mm (12 in.)                                      | 292 mm (12 in.)                                       | 292 mm (12 in.)  |
| D Length From Centerline to Front Axle   | 1070 mm (3 ft. 6 in.)                                | 1070 mm (3 ft. 6 in.)                                 | 1070 mm (3 ft. 6 in.)  |
| E Wheelbase  | 2150 mm (7 ft. 1 in.)                                | 2150 mm (7 ft. 1 in.)                                 | 2150 mm (7 ft. 1 in.)  |
| F Overall Length, Forks on Ground  | 6040 mm (19 ft. 10 in.)                              | 6350 mm (20 ft. 10 in.)                               | 5920 mm (19 ft. 5 in.)                                       |
| G Height to Hinge Pin, Fully Raised  | 3160 mm (10 ft. 4 in.)                               | 3160 mm (10 ft. 4 in.)                                | 3160 mm (10 ft. 4 in.)                                       |
| H Reach, Fully Raised  | 564 mm (22 in.)                                      | 564 mm (22 in.)                                       | 478 mm (19 in.)  |
| I Fork Height, Fully Raised  | 2970 mm (9 ft. 9 in.)                                | 2970 mm (9 ft. 9 in.)                                 | 2990 mm (9 ft. 10 in.)                                       |
| J Maximum Reach, Fork Level  | 1325 mm (4 ft. 4 in.)                                | 1325 mm (4 ft. 4 in.)                                 | 1240 mm (4 ft. 1 in.)  |
| K Fork Height, Maximum Reach   | 1310 mm (4 ft. 4 in.)                                | 1310 mm (4 ft. 4 in.)                                 | 1330 mm (4 ft. 4 in.)  |
| L Reach, Ground Level  | 933 mm (3 ft. 1 in.)                                 | 933 mm (3 ft. 1 in.)                                  | 828 mm (33 in.)  |
| M Tine Length  | 1219 mm (48 in.)                                     | 1524 mm (60 in.)                                      | 1200 mm (48 in.)   |
| N Load Position, 50% Tine Length   | 610 mm (24 in.)                                      | 760 mm (30 in.)                                       | 600 mm (24 in.)  |
| <b>Specifications With Hook/Euro Quick-Coupler and Fork</b>                                    |  |   |  |
|  | <i>As measured with fork level, centered on tine</i> |   |  |
| Tipping Load, Straight   | 2330 kg (5,137 lb.)                                  | 2330 kg (5,137 lb.)                                   | 2630 kg (5,798 lb.)  |
| Tipping Load, Full Turn, SAE   | 2060 kg (4,542 lb.)                                  | 2060 kg (4,542 lb.)                                   | 2320 kg (5,115 lb.)  |
| Rated Operating Load, 50% Full-Turn Tipping Load (conforms to SAE J1197 / ISO 14397-1)*        | 1030 kg (2,271 lb.) <sup>†</sup>                     | 1030 kg (2,271 lb.) <sup>†</sup>                      | 1160 kg (2,557 lb.) <sup>†</sup>                             |
| Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load (conforms to EN474-3)*         | 1235 kg (2,723 lb.) <sup>†</sup>                     | 1235 kg (2,723 lb.) <sup>†</sup>                      | 1390 kg (3,064 lb.) <sup>†</sup>                             |
| Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load (conforms to EN474-3)* | 1630 kg (3,594 lb.) <sup>†</sup>                     | 1630 kg (3,594 lb.) <sup>†</sup>                      | 1850 kg (4,079 lb.) <sup>†</sup>                             |

\*Rated operating capacity based on Deere attachments only. / <sup>†</sup>Payload on forks is limited by tilt cylinder.

### 184 G-TIER LOADER WITH CAB, QUIK-TATCH COUPLER OR HOOK/EURO QUICK-COUPLER, AND FORK



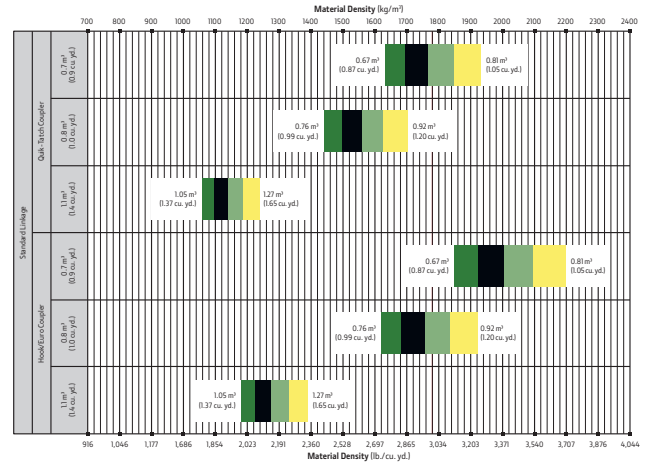
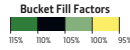
### 184 G-TIER LOADER WITH CANOPY, QUIK-TATCH COUPLER OR HOOK/EURO QUICK-COUPLER, AND FORK



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## Bucket Selection Guide\*

| LOOSE MATERIALS                  | kg/m <sup>3</sup> | lb./cu. yd. | LOOSE MATERIALS                          | kg/m <sup>3</sup> | lb./cu. yd. |
|----------------------------------|-------------------|-------------|--|-------------------|-------------|
| Chips, pulpwood                  | 288               | 486         | Limestone, coarse, sized                 | 1570              | 2,646       |
| Cinders (loam, ashes, cinders)   | 673               | 1,134       | Limestone, mixed sizes                   | 1682              | 2,835       |
| Clay and gravel, dry             | 1602              | 2,700       | Limestone, pulverized or crushed         | 1862              | 2,995       |
| Clay, compact, solid             | 1746              | 2,943       | Sand, damp                               | 2083              | 3,530       |
| Clay, dry in lump loose          | 1009              | 1,701       | Sand, dry                                | 1762              | 2,970       |
| Clay, excavated in water         | 1382              | 2,360       | Sand, voids, full of water               | 2083              | 3,530       |
| Coal, anthracite, broken, loose  | 865               | 1,458       | Sandstone, quarried                      | 1314              | 2,214       |
| Coal, bituminous, moderately wet | 801               | 1,350       | Shale, broken crushed                    | 1362              | 2,295       |
| Earth, common loam, dry          | 1218              | 2,062       | Slag, furnace granulated                 | 1955              | 3,294       |
| Earth, mud, packed               | 1843              | 3,105       | Stone or gravel, 37.5 to 87.5-mm         | 1442              | 2,430       |
| Granite, broken                  | 1538              | 2,592       | (1.5 to 3.5 in.) size                    | 1602              | 2,700       |
| Gypsum                           | 2275              | 3,834       | Stone or gravel, 88.75-mm (3.5 in.) size |                   |             |



## Additional equipment

Key: ● Standard ▲ Optional or special  
See your John Deere dealer for further information.

### 184 G Engine

- Antifreeze, -37 deg. C (-34 deg. F)
- Coolant recovery tank
- Fan safety guard
- Fan, sucker type, direct drive
- Under-hood aftertreatment (including diesel oxidation catalyst and diesel particulate filter)
- Environmentally friendly engine oil drain
- Engine oil cooler
- Quick-release fuel filter and water separator
- Automatic engine glow plugs for cold start
- ▲ Engine coolant heater, 1,000 watts, 110 volts

### Electrical

- Starter switch with electric fuel cutoff
- 12-volt system
- Electrical load center: Blade-type fuses
- Standard battery (1), 12 volt with 830 CCA
- Master electrical disconnect switch
- Alternator, 12 volts, 80 amps
- Horn (conforms to SAE J994 / J1446)
- Lights (conform to SAE 99): Driving / Turn signals / Flashers / Stop / Taillights
- Worklights, front (2)
- Worklights, rear (2)
- Reverse warning alarm (conforms to SAE J994 / J1446)
- Multifunction monitor with audible and visual warnings: Engine coolant temperature and hydraulic oil temperature / Gauge: Fuel / Visual indicators: Air-filter restriction, low voltage, coolant temperature, engine oil pressure, engine preheat, engine rpm, hydraulic bucket return-to-dig control, hydraulic oil temperature, lights high beam, park brake, turn signals, fuel-level gauge, and hour meter

### 184 G Electrical (continued)

- Indicator lights: Engine air filter / Battery voltage / Parking brake actuated / Forward/reverse travel / 1st- or 2nd-speed range / Turn signal and hazard lights / High-beam driving lights
- Radio-ready cab, fused 12-volt radio electrical lead and speakers, power port
- Pre-wired for roof beacon

### Powertrain/Brakes

- Hydrostatic (HST) transmission: Electric shift control / Single-lever joystick F-N-R / Hydrostatic oil cooler / Inching pedal / 2 speeds forward and reverse / Infinitely variable speed control
- Parking brake, spring applied, hydraulically released, switch operated
- 45% limited-slip front and rear differentials

### Hydraulic System

- Hydraulic system oil cooler
- Float detent
- Reservoir sight gauge
- Fine-micron hydraulic filters, vertical mounting
- Hydraulic function lockout
- 3-function hydraulic valve with electro-hydraulic push-button 3rd-function control
- Quick-coupler diagnostic ports: Priority pressure / Hydraulic pump pressure / Control valve pressure / HST pressure

### Operator's Station

- ▲ Cab (conforms to SAE J1040, SAE J231, ISO 3471, and ISO 3449): Air conditioner/heater/defroster / Tilt steering / Inside mirror
- Canopy
- Storage compartment for operator's manual and other items
- Rubber floor mat
- Rearview mirrors, outside (2)

### 184 G Operator's Station (continued)

- Handholds and steps, ergonomically located and slip resistant (conform to SAE J185)
- ### Loader Linkage
- Z-bar loader linkage provides high bucket breakout
  - Loader boom service locking bar (conforms to SAE J38)
- ### Buckets and Attachments
- ▲ Full line of buckets with selection of bolt-on cutting edges
  - ▲ Electrically actuated quick-coupler with flags
  - ▲ Full line of construction utility forks, pallet forks, and other attachments\*
  - ▲ ISO parallel-pin hydraulically actuated coupler
- ### Tires
- 365/70R18 Mitas EM-01
  - ▲ 405/70R18 Firestone Duraforce
- ### Other
- Fenders, front and rear
  - Articulation locking bar (conforms to SAE J276)
  - Vandal protection, includes lockable engine enclosure
  - Counterweight, saddle-type, built-in
  - Rear bottom guard, built-in
  - Drawbar, with locking pin
  - Lift eyes
  - Tie-downs
  - ▲ Fire extinguisher
  - ▲ Material-weighing system†
  - ▲ Ride control
  - ▲ Creep control
  - ▲ JDLINK™ wireless communication system (available in specific countries; see your dealer for details)

\*See your John Deere dealer for further information.

†Contact LOAD-RITE™.

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at test conditions specified per ISO 9249. No derating is required up to 3000-m (10,000 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on units with all standard equipment, ROPS cab, standard rear counterweight, 365/70R18 tires, full fuel tank, and 79-kg (175 lb.) operator.