**ENGINE**

John Deere engineered and manufactured. Replaceable wet type cylinder liners provide superior heat dissipation, longer life. High strength alloy heads have replaceable valve inserts. The forged steel, 7-main bearing crankshaft is statically and dynamically balanced for smooth operation. Cast aluminum pistons provide good heat transfer and pistons are sprayed with cooling oil for longer life.

- **Engine:** John Deere 6068T – Turbocharged
- **Rated power at 2200 rpm**: 145 SAE net hp (108 kW) / 150 SAE gross hp (112 kW)
- **Displacement**: 4.14 cu. in. (6.785 L)
- **Fuel consumption, typical**: 2.6 to 4.8 gal./hr. (9.8 to 18.2 L/hr)
- **Maximum net torque at 1300 rpm**: 456 lb.-ft. (618 Nm)
- **Battery (one 12 volt)**: 25 amps at 80°F (27°C) / reserve capacity 160 min. / 0°F (-18°C) / 625 amps

**TRANSMISSION**

The transmission provides smooth shift at full power through a torque converter, countershaft transmission. A single shift lever controls direction and speed ranges. In 4th range the transmission shifts automatically. A quick shift button on the hydraulic control lever allows the operator to downshift and return to the prior gear.

**TRAVEL SPEEDS**

<table>
<thead>
<tr>
<th>Gear</th>
<th>Forward (km/h)</th>
<th>Reverse (km/h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4.5</td>
<td>4.5</td>
</tr>
<tr>
<td>2</td>
<td>7.2</td>
<td>7.2</td>
</tr>
<tr>
<td>3</td>
<td>15.2</td>
<td>15.2</td>
</tr>
<tr>
<td>4</td>
<td>23.0</td>
<td>23.0</td>
</tr>
</tbody>
</table>

**FINAL DRIVES**

Large, heavy-duty, planetary final drive gears are mounted inboard where size is not restricted by wheel diameter. They distribute axle shock loads evenly over three gears and run in a cooling oil bath for long life and trouble-free service.

**DIFFERENTIALS**

Conventional front and rear differentials are standard. John Deere’s exclusive hydraulic differential lock is the superior traction alternative. It can be ordered on the front, with a conventional differential in the rear. Or you can order the hydraulic lock front and rear. In either case the operator is in complete control, engaging and disengaging the differential lock as needed. When engaged the affected wheels are 100 percent locked up; turning at the same speed, giving maximum traction for faster loading, pulling you through slippery spots. Differentials available:

- Conventional front and rear: standard
- Hydraulic lock front, conventional rear: optional
- NoSPIN front, conventional rear: optional
- Hydraulic lock front and rear: optional
- Front axle disconnect: optional

**BRAKES**

Hydraulic actuated, wet disc brakes are mounted inboard. They are bathed in cooling oil for long life, self-adjusting, self-equalizing, and require no periodic service. The spring-applied, hydraulically-released parking brake is a disc and caliper type attached to the transmission output shaft. An optional front axle disconnect is available for loaders that might be driven long distances.

**STEERING**

The steering system in the 624G provides low effort, smooth control at any engine rpm. High torque steering cylinder geometry and large cylinders permit full power steering at all speeds through the 80 degree steering arc (40 degrees each direction).

- **Turning radius** (measured to centerline of outside tire): 16 ft. 10.5 in. (5.14 m)
- **Rear axle oscillation**: 26 degrees, stop to stop
- **Vertical travel at center of tire**: 32.8 in. (833 mm)

**HYDRAULICS**

- **Loader function and steering:**
  - A gear pump delivers 61 gpm (231 L/min.) at 600 psi (4,137 kPa) and 2200 engine rpm. The loader function relief valve pressure setting is 2800 psi (19,306 kPa). The maximum steering pressure is 2650 psi (18,270 kPa).
  - **Controls:**
    - Dual hydraulic valves with one or two levers. An optional triple valve is available for forks and attachments.
  - **Brakes and pilot system:**
    - The axial-piston pump delivers 7.6 gpm (28 L/min.) at 600 psi (4,137 kPa) and 2200 engine rpm. Maximum system pressure is 2450 psi (16,893 kPa).
  - **Ride control:**
    - This option helps dampen loader hydraulics during transport for a smoother ride.
  - **Loader operating cycle times at full throttle with rated load in the bucket:**
    - **Raise**: 5.8 sec.
    - **Dumps**: 1.7 sec.
    - **Lower**:
      - 3.5 sec. (float)/5.5 sec. (power)
    - **Maximum lift capacity with 263 cu. yd. (2.0 m³) excavating bucket for 624G Loader:**
      - **Maximum height**: 14,143 lb. (6,414 kg)
      - **Ground level**: 26,358 lb. (12,171 kg)
    - **Maximum lift capacity with 263 cu. yd. (2.0 m³) excavating bucket for 624G Loader with Coupler:**
      - **Maximum height**: 13,817 lb. (6,266 kg)
      - **Ground level**: 25,589 lb. (11,605 kg)

**TIRES**

- **Choices of:**
  - 17.5-25, 12 PR L2
  - 17.5-25, 12 PR L3
  - 17.5-25, Radial, One Star, L2 equivalent
  - 17.5-25, Radial, One Star, L3 equivalent

**CAPACITIES**

- **U.S.**
  - **Fuel tank**: 65.7 gal. (249 L)
  - **Cooling system**: 26 qt. (25 L)
  - **Crankcase**: 18 qt. (17 L)
  - **Transmission case and filters**: 12 qt. (11 L)
  - **Front differential**: 30 qt. (28 L)
  - **Rear differential**: 20 qt. (19 L)
  - **Loader hydraulic sump**: 106 qt. (102 L)

**OPERATING WEIGHT**

See 624G Loader Operating Information and various charts.
**DIMENSIONS WITH BUCKETS**

Key:
A Overall height .................................................. 11 ft. 10.4 in. (3.62 m)
B Height to top of cab and canopy .............................. 10 ft. 9.9 in. (3.30 m)
C Height to top of exhaust ........................................... 9 ft. 7.9 in. (2.94 m)
D Ground clearance .................................................... 17 in. (432 mm)
E Length from centerline to front axle ......................... 69.65 in. (1766 mm)
F Wheelbase ............................................................. 119.3 in. (3030 mm)
G Height to hinge pin – fully raised ............................... 12 ft. 8.3 in. (3.89 m)
H Digging depth ......................................................... 2.12 ft. (0.65 m)
I Dump height ............................................................ 2.36 ft. (0.72 m)
J Reach bucket fully raised ........................................... See Operating Information ▲
K Overall length ......................................................... 17.5-25

**TIRES**
- Tread width ......................................................... .811 in. (2060 mm)
- Width over tires ..................................................... 10.3 in. (2549 mm)
- Change in vertical height ........................................... -2.36 in. (60 mm)

**BUCKET SELECTION GUIDE**

<table>
<thead>
<tr>
<th>BUCKET SIZE YD³ (M³)</th>
<th>4.25 (3.2)</th>
<th>3.75 (2.8)</th>
<th>3.25 (2.5)</th>
<th>3.0 (2.5)</th>
<th>2.63 (2)</th>
<th>2.25 (1.7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATERIAL (Loose weight)</td>
<td>lb/yd³</td>
<td>kg/m³</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caliche</td>
<td>2100</td>
<td>1250</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cinder</td>
<td>1000</td>
<td>590</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay, natural bed</td>
<td>3800</td>
<td>1660</td>
<td></td>
<td></td>
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<tr>
<td>Clay, dry</td>
<td>1050</td>
<td>1480</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Clay, wet</td>
<td>2800</td>
<td>1660</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay and gravel, dry</td>
<td>2000</td>
<td>1480</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay and gravel, wet</td>
<td>2600</td>
<td>1540</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Coal, anthracite, broken</td>
<td>1800</td>
<td>1100</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Coal, bituminous, broken</td>
<td>1400</td>
<td>830</td>
<td></td>
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<tr>
<td>Earth, dry, packed</td>
<td>2500</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Earth, wet, excavated</td>
<td>2700</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Earth, loam</td>
<td>2100</td>
<td>1250</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Granite, broken or large crushed</td>
<td>2600</td>
<td>1600</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel, dry</td>
<td>2500</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel, pit run (gravel sand)</td>
<td>2500</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel, wet 1/2&quot;-2&quot; (18-50 mm)</td>
<td>2600</td>
<td>1600</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel, wet 1/2&quot;-2&quot; (18-50 mm)</td>
<td>2000</td>
<td>1050</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gypsum, crushed</td>
<td>2700</td>
<td>1600</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lime stone, broken or crushed</td>
<td>2600</td>
<td>1540</td>
<td></td>
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<tr>
<td>Magnesite, Irontone</td>
<td>700</td>
<td>2700</td>
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<td></td>
<td></td>
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<tr>
<td>Pumice, iron ore</td>
<td>450</td>
<td>2800</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Phosphatic rock</td>
<td>2100</td>
<td>1280</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Sand, dry</td>
<td>2400</td>
<td>1480</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand, wet</td>
<td>3100</td>
<td>1840</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand and gravel, dry</td>
<td>2000</td>
<td>1250</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Sand and gravel, wet</td>
<td>2500</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandstone, broken</td>
<td>2500</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slate</td>
<td>2100</td>
<td>1280</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Slag, broken</td>
<td>2500</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stone, crushed</td>
<td>2500</td>
<td>1510</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topsoil</td>
<td>1600</td>
<td>950</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*This guide represents bucket sizes not necessarily manufactured by Deere. It is intended to help in selecting the proper bucket size for material density and loader configuration. Optimum bucket size is determined after adding or subtracting all tipping load changes due to optional equipment.
## 624G Loader Operating Information (with Buckets)

### Operating Information

| Bucket Type/Size | Stockpiling w/o Bolt-on Edge | Stockpiling w/Bolt-on Edge | Stockpiling w/Auxiliary Spillguard* | Excavating w/o Bolt-on Edge | Excavating w/Bolt-on Edge | Excavating w/Auxiliary Spillguard* | Multi-purpose ** |
|------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------|---------------------------|-----------------------------------|----------------
| cu. yd. m³       | 4.2                          | 2.3                       |                     | 4.4                         | 2.2                       | 4.2                               | 2.3             |
| cu. ft. m³       | 2.6                          | 2.0                       |                     | 2.5                         | 2.4                       | 2.6                               | 2.0             |
| m              | 1.0                          | 0.8                       |                     | 1.0                         | 0.8                       | 1.0                               | 0.8             |
| lbs. kg          | 29,040                       | 13,980                    |                     | 26,600                       | 12,900                    | 26,600                            | 12,900          |
| lbs. kg          | 21,205                       | 9,617                     |                     | 22,000                       | 9,900                     | 22,000                            | 9,900           |
| lbs. kg          | 18,001                       | 8,166                     |                     | 18,720                       | 8,660                     | 18,720                            | 8,660           |
| in. mm            | 59.8                        | 152.0                     |                     | 62.5                        | 155.0                     | 62.5                              | 155.0           |
| ft-in. ft         | 112.0                        | 288.8                     |                     | 115.6                        | 298.6                     | 115.6                             | 298.6           |
| in. mm            | 59.2                        | 152.0                     |                     | 62.0                        | 155.0                     | 62.0                              | 155.0           |
| lbs. kg          | 27,455                       | 12,442                    |                     | 27,915                       | 12,686                    | 27,915                            | 12,686          |

*Auxiliary spillguard is dealer installed. The spillguard is primarily intended to prevent spillage of loose material. However, it does increase bucket capacity which can be utilized in loose materials.  
** Allied equipment ordered through John Deere dealer.  
Loader operating information is based on machine with all standard equipment, 20.5-25.12 PR L2 tires, one rear counterweight, ROPScab, full fuel tank, 175-lb. (19 kg) operator.  
Operating information is affected by tire size, ballast and attachments. For selected items, add or subtract the following:

### Adjustments to operating weights and tipping load for 2.63 cu. yd. (2.0 m³) excavating bucket.

<table>
<thead>
<tr>
<th>Add (+) or deduct (-) lb. (kg) as indicated for loaders with:</th>
<th>Operating Weight</th>
<th>Tipping Load Straight</th>
<th>Tipping Load 40 Deg. Full Turn, SAE</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.5-25, 12 PR L2 tires w/o CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>17.5-25, 12 PR L2 tires w/CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>17.5-25, 12 PR L3 tires w/o CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>17.5-25, 12 PR L3 tires w/CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>17.5-25, R25 One Star L2 equivalent tires w/o CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>17.5-25, R25 One Star L2 equivalent tires w/CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>20.5-25, 12 PR L2 tires w/o CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>20.5-25, 12 PR L2 tires w/CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>20.5-25, 12 PR L3 tires w/o CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>20.5-25, 12 PR L3 tires w/CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>20.5-25, R25 One Star L2 equivalent w/o CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>20.5-25, R25 One Star L2 equivalent w/CaCl₂</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>ROPS canopy in lieu of ROPS cab</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>Bucket teeth</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
<tr>
<td>Deduct one rear counterweight</td>
<td>794</td>
<td>-560</td>
<td>483</td>
</tr>
</tbody>
</table>

*Not to be used with CaCl₂.
## DIMENSIONS WITH TOOL CARRIER (COUPLER AND ATTACHMENTS)

<table>
<thead>
<tr>
<th>Size</th>
<th>TIREs 17.5-25</th>
<th>TIREs 20.5-25</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in.</td>
<td>mm</td>
</tr>
<tr>
<td>Tread width</td>
<td>81.1</td>
<td>2060</td>
</tr>
<tr>
<td>Width over tires</td>
<td>100.3</td>
<td>2545</td>
</tr>
<tr>
<td>Change in vertical height</td>
<td>-2.36</td>
<td>-60</td>
</tr>
</tbody>
</table>

## PALLETFORK*

<table>
<thead>
<tr>
<th>Tine length</th>
<th>in.</th>
<th>mm</th>
<th>in.</th>
<th>mm</th>
<th>in.</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground to top of tine clearance</td>
<td>48</td>
<td>1219</td>
<td>54</td>
<td>1372</td>
<td>60</td>
<td>1524</td>
</tr>
<tr>
<td>Max. reach with fork level</td>
<td>11-10.6</td>
<td>3623</td>
<td>11-10.6</td>
<td>3623</td>
<td>11-10.6</td>
<td>3623</td>
</tr>
<tr>
<td>Overall length</td>
<td>ft.-in.</td>
<td>mm</td>
<td>ft.-in.</td>
<td>mm</td>
<td>ft.-in.</td>
<td>mm</td>
</tr>
<tr>
<td></td>
<td>25-8</td>
<td>7823</td>
<td>26-2</td>
<td>7975</td>
<td>26-8</td>
<td>8128</td>
</tr>
<tr>
<td>Tipping load, straight (fork level, load centered on tine)</td>
<td>lb.</td>
<td>kg</td>
<td>lb.</td>
<td>kg</td>
<td>lb.</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>15,222</td>
<td>6903</td>
<td>14,790</td>
<td>6707</td>
<td>14,580</td>
<td>6522</td>
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<tr>
<td>Tipping load, 40-deg. full turn (fork level, load centered on tine)</td>
<td>lb.</td>
<td>kg</td>
<td>lb.</td>
<td>kg</td>
<td>lb.</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>12,950</td>
<td>5864</td>
<td>12,560</td>
<td>5696</td>
<td>12,205</td>
<td>5555</td>
</tr>
<tr>
<td>Operating weight</td>
<td>lb.</td>
<td>kg</td>
<td>lb.</td>
<td>kg</td>
<td>lb.</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>27,190</td>
<td>12,351</td>
<td>27,332</td>
<td>12,350</td>
<td>37,271</td>
<td>12,368</td>
</tr>
</tbody>
</table>

## MATERIAL HANDLING ARM*

<table>
<thead>
<tr>
<th>Boom Position</th>
<th>Retracted</th>
<th>Mid-Position</th>
<th>Extended</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating load</td>
<td>lb.</td>
<td>4271</td>
<td>1957</td>
</tr>
<tr>
<td>Tipping load, straight</td>
<td>lb.</td>
<td>10,059</td>
<td>4562</td>
</tr>
<tr>
<td>Tipping load, 40-deg. full turn</td>
<td>lb.</td>
<td>8542</td>
<td>3874</td>
</tr>
<tr>
<td>Operating weight</td>
<td>lb.</td>
<td>26,996</td>
<td>12,243</td>
</tr>
</tbody>
</table>

*Allied equipment ordered through John Deere dealer.
## 624G Loader Operating Information (With Tool Carrier)

<table>
<thead>
<tr>
<th>Operating Information</th>
<th>Bucket Type/Size</th>
<th>General Purpose Buckets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity, heaped, SAE</td>
<td>cu. yd.</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>m³</td>
<td>2.3</td>
</tr>
<tr>
<td>Capacity, struck, SAE</td>
<td>cu. yd.</td>
<td>2.63</td>
</tr>
<tr>
<td></td>
<td>m³</td>
<td>2.0</td>
</tr>
<tr>
<td>Bucket width</td>
<td>in</td>
<td>101.8</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>259</td>
</tr>
<tr>
<td>Breakout force, SAE J732C</td>
<td>lb.</td>
<td>27,280</td>
</tr>
<tr>
<td></td>
<td>kN</td>
<td>121.3</td>
</tr>
<tr>
<td>Tipping load, straight</td>
<td>lb.</td>
<td>20,107</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>9119</td>
</tr>
<tr>
<td>Tipping load, 40-deg. full turn, SAE</td>
<td>lb.</td>
<td>17,016</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>7717</td>
</tr>
<tr>
<td>Reach, 45-deg. dump, 7 ft. (2.13 m) clearance</td>
<td>in.</td>
<td>59.9</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>1522</td>
</tr>
<tr>
<td>Reach, 45-deg. dump, full height</td>
<td>in.</td>
<td>39.6</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>1007</td>
</tr>
<tr>
<td>Dump clearance, 45-deg., full height</td>
<td>in.</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>2795</td>
</tr>
<tr>
<td>Overall length</td>
<td>ft.-in.</td>
<td>24.9-5</td>
</tr>
<tr>
<td></td>
<td>m</td>
<td>7.56</td>
</tr>
<tr>
<td>Loader clearance circle, bucket in carry position</td>
<td>ft.-in.</td>
<td>39.5-2</td>
</tr>
<tr>
<td></td>
<td>m</td>
<td>12.02</td>
</tr>
<tr>
<td>Operating weight</td>
<td>lb.</td>
<td>27,880</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>12,644</td>
</tr>
</tbody>
</table>

All information is based on machine with all standard equipment, 20.5-25, 12 PR L2 tires, one rear counterweight, ROPS cab, full fuel tank and 175-lb. (79 kg) operator. Operating information is affected by tire size, ballast and attachments. For selected items, add or subtract the following:

**Adjustments to operating weights and tipping loads for 2.63 cu. yd. (2.0 m³) general purpose bucket and 54-in. (1372 mm) pallet fork.**

<table>
<thead>
<tr>
<th>Add (+) or deduct (-) lb. (kg) as indicated for machines with:</th>
<th>Operating Weight</th>
<th>Bucket*</th>
<th>Fork*</th>
</tr>
</thead>
<tbody>
<tr>
<td>17.5-25, 12 PR L2 tires without CaCl₂</td>
<td>lb.</td>
<td>- 794</td>
<td>- 556</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>- 360</td>
<td>- 243</td>
</tr>
<tr>
<td>17.5-25, 12 PR L2 tires with CaCl₂</td>
<td>lb.</td>
<td>+ 386</td>
<td>+ 1054</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 175</td>
<td>+ 478</td>
</tr>
<tr>
<td>17.5-25, 12 PR L3 tires without CaCl₂</td>
<td>lb.</td>
<td>- 661</td>
<td>- 448</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>- 300</td>
<td>- 403</td>
</tr>
<tr>
<td>17.5-25, 12 PR L3 tires with CaCl₂</td>
<td>lb.</td>
<td>+ 518</td>
<td>+ 1142</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 235</td>
<td>+ 518</td>
</tr>
<tr>
<td>17.5 R25, One Star, L2 equivalent tires without CaCl₂</td>
<td>lb.</td>
<td>- 414</td>
<td>- 280</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>- 188</td>
<td>- 127</td>
</tr>
<tr>
<td>17.5 R25, One Star, L2 equivalent tires with CaCl₂</td>
<td>lb.</td>
<td>+ 765</td>
<td>+ 1310</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 347</td>
<td>+ 594</td>
</tr>
<tr>
<td>20.5-25, 12 PR L2 tires with CaCl₂</td>
<td>lb.</td>
<td>- 1820</td>
<td>- 2452</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 826</td>
<td>+ 1112</td>
</tr>
<tr>
<td>20.5-25, 12 PR L3 tires without CaCl₂</td>
<td>lb.</td>
<td>+ 291</td>
<td>+ 196</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 132</td>
<td>+ 89</td>
</tr>
<tr>
<td>20.5-25, 12 PR L3 tires with CaCl₂</td>
<td>lb.</td>
<td>+ 2112</td>
<td>+ 2646</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 958</td>
<td>+ 1200</td>
</tr>
<tr>
<td>20.5 R25, One Star, L2 equivalent tires without CaCl₂</td>
<td>lb.</td>
<td>+ 467</td>
<td>+ 315</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 212</td>
<td>+ 143</td>
</tr>
<tr>
<td>20.5 R25, One Star, L2 equivalent tires with CaCl₂</td>
<td>lb.</td>
<td>+ 2288</td>
<td>+ 2765</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 1038</td>
<td>+ 1254</td>
</tr>
<tr>
<td>ROPS canopy in lieu of ROPS cab</td>
<td>lb.</td>
<td>- 320</td>
<td>- 286</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>- 145</td>
<td>- 130</td>
</tr>
<tr>
<td>Deduct one rear counterweight</td>
<td>lb.</td>
<td>- 946</td>
<td>- 2044</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>- 429</td>
<td>- 927</td>
</tr>
<tr>
<td><strong>Add second rear counterweight</strong></td>
<td>lb.</td>
<td>+ 1169</td>
<td>+ 2564</td>
</tr>
<tr>
<td></td>
<td>kg</td>
<td>+ 530</td>
<td>+ 1163</td>
</tr>
</tbody>
</table>

*Allied equipment ordered through John Deere dealer.

**Not to be used with CaCl₂.