KUBOTA WHEEL LOADER
R540/R640

Kubota’s next-generation R540 and R640 wheel loaders bring you comfort, easy operation, and all the power you need.
Comfort, easy operation, and all the power you need.

Kubota’s next-generation R540 and R640 wheel loaders are built to get the job done quickly, easily, and efficiently. They’re built for comfort, with a new, high-visibility cabin. They’re also built for simple and productive operation, even by operators with novice experience. And they’re built for performance, with enhanced productivity features and power to spare.
Redesigned inside and out, both the R540 and R640 wheel loaders boast a fully enclosed glass cabin for improved visibility, as well as a more ergonomic control layout.

**New interior design**
The spacious cabin’s ergonomic layout is designed to keep you working comfortably from start to finish.

**Air conditioning**
A powerful heating/cooling system and eleven vents provide optimum comfort on the coldest winter and hottest summer days.

**Full-opening Right window**
The window on the right side of the cabin opens fully to improve ventilation as well as communication with workers outside.

**Full-suspension seat**
A full-size, full-suspension adjustable seat enhances operator comfort. The padded seat can be moved forward or back for optimum comfort.

**Adjustable right wrist rest**
This feature reduces fatigue by reducing arm movement and allowing you to more easily operate the hand lever.

**Tilt steering**
With the flick of a lever, the steering wheel can be tilted up or down to the most comfortable and efficient position for operators of all sizes.

**High-visibility cabin**
Fully enclosed in glass, the high-visibility cabin offers the operator a panoramic perspective of the environment outside, with the pallet fork tips clearly visible from the driver’s seat. The full glass door and wide opening window provide excellent visibility to the left and right, while the rear window offers an unobstructed view when traveling in reverse.

**ROPS/FOPS cab and canopy**
Manufactured and attached at the Kubota factory, both the Roll-Over Protective Structure (ROPS) and Falling Object Protective Structure (FOPS) meet the applicable ISO, SAE standards and OSHA regulations.
PERFORMANCE

Long reach and excellent lifting power ensure superior performance for a wide range of loader tasks.

Working range
A long reach and high clearance make all types of material handling jobs easy. The high clearance lets you load trucks with ease, while the superior reach makes pallet fork operations faster and more efficient.

Powerful lifting capacity
An improved lifting force provides smooth operation for both R540 and R640, while lifting and handling material in a variety of applications.

Multi-function operating lever
All major loader functions are on a single lever that is easy to operate with just one hand, both on the R540 and R640. The 2-step speed control switch lets you quickly change speeds, allowing you to operate at optimum efficiency for the task at hand.

Differential lock
Should the wheels start to slip, simply press the differential lock switch to immediately engage both front and rear wheels. The result is positive slip-free traction.

Kubota original DI engine with CRS and DPF muffler
The new Kubota’s V2607 direct-injection engine is equipped with CRS and with a new and improved DPF, which reduces maintenance by increasing the service intervals for both the regeneration filter and ash cleaner.
SERVICE

Simple maintenance ensures that your R540 and R640 loaders are productive.

Easy maintenance

The engine bonnet at the rear opens wide, providing quick and easy access to the machine’s main service areas. Items that require routine maintenance and service are within easy reach for fast and simple servicing. Quick-open panels on the right and left sides provide speedy access to the fuel tank (right side) and battery (left side). Other areas of the R540 and R640 are also easy to service and maintain.

Digital diagnostic indicators

A bright easy-to-read digital diagnostic indicator keeps you fully informed of critical loader and engine conditions.

New LED work lights

Bright LED work lights provide plenty of illumination for nighttime tasks.

Easy transportation

With an overall height of 8’2” or less, the R540 and R640 fit easily under road bridges for fast and efficient transportation between job sites. Six tie-down points allow simple yet secure attachment to a truck bed for safety during transportation.
### Standard equipment

- **Safety**
  - 8 Tie down points
  - Lift arm support
  - Towing pin

- **Working equipment**
  - 2 Head lights, (Headlights and Signal Lights)
  - Rear combination lights
  - Turn signal, Tail light, Brake light, Backup light

- **Operator’s space**
  - Canopy models
  - Digital panel with diagnostic function
  - Weight-adjustable suspension seat (PVC seat)

- **Engine/Fuel system**
  - Kubota Shockless Ride (KSR)
  - Tool box for cab models
  - Rear working LED lights
  - Various buckets and other attachment
  - Block heater

- **Hydraulic system**
  - Hydrostatic transmission
  - Inching and brake pedal (left)
  - Various buckets and other attachment
  - Hydraulic Euro-type coupler
  - Mechanical SSL-type coupler

- **Working range**

- **Forklift specifications**

- **Specifications**

### Optional equipment

- **C1**
  - Fuel level indication buzzer
  - Fuel / water separator
  - Separate fuel filter

- **B1**
  - Incidence of brake pedal (right)
  - Kubota Shockless Ride (KSR)
  - Tool box for cab models

- **E1**
  - 3 retractable seat belt
  - Hydraulic Euro-type coupler
  - Hydraulic SSL-type coupler

- **D1**
  - Cab with air conditioner
  - Beacon light
  - Tilt steering

- **C B**
  - Tilt steering
  - Cup holder

- **K**
  - Tilt steering

- **G**
  - Tilt steering

- **J**
  - Tilt steering

- **L**
  - Tilt steering

- **D1**
  - Double-element air cleaner
  - Engine/Fuel system
  - Cup holder
  - Tilt steering

### Pallet fork specifications

- **Model**
  - R840
  - R840

### Working range

1. **Model**
   - **A**
     - Overall length
     - Width base
   - **B**
     - Wheelbase
   - **C**
     - Tread
   - **D**
     - Overall height (canopy / cabin)
   - **E**
     - Ground clearance
   - **F**
     - Overall width (outside of tires)
   - **G**
     - Overall width (bucket)
   - **H**
     - Max. lifting height
   - **I**
     - Dumping angle
   - **J**
     - Max. hinge pin height
   - **K**
     - Max. working height
   - **L**
     - Depth digging
   - **M**
     - Tilt back angle (at traveling position)
   - **N**
     - Dumping angle
   - **O**
     - Articulation angle

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>R840</th>
<th>R840</th>
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<tr>
<td>Type of KOPS / FOPS</td>
<td>Model</td>
<td>CANOPY / CAB</td>
</tr>
<tr>
<td>Emission certification</td>
<td>Tier Final</td>
<td></td>
</tr>
<tr>
<td>Output (SAE J1995 gross)</td>
<td>hp (kW) @ rpm</td>
<td>50.9 (38.0) @ 2400</td>
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<tr>
<td>Displacement</td>
<td>cu. in.</td>
<td>160 (2615)</td>
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<tr>
<td>Transmission</td>
<td>Type</td>
<td>Hydrostatic transmission</td>
</tr>
<tr>
<td>Overall length</td>
<td>in. (mm)</td>
<td>17' 9&quot; (5400)</td>
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<tr>
<td>Overall width</td>
<td>in. (mm)</td>
<td>8' 1&quot; (2455) / 8' 2&quot; (2500)</td>
</tr>
<tr>
<td>Overall height</td>
<td>in. (mm)</td>
<td>8' 2&quot; (2475) / 8' 3&quot; (2500)</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>in. (mm)</td>
<td>12.6&quot; (320)</td>
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<tr>
<td>Auxiliary hydraulic flow</td>
<td>gpm (l/min)</td>
<td>14.2 (54)</td>
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<tr>
<td>Auxiliary hydraulic pressure psi (Mpa)</td>
<td>2583 (18.1)</td>
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<tr>
<td>Tire size</td>
<td>365/70R18</td>
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<tr>
<td>Travel speed</td>
<td>mph (km/h)</td>
<td>0 – 12.4 (0 – 20.0)</td>
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<tr>
<td>Max. fraction force</td>
<td>lbs. (kg)</td>
<td>651 (29.1)</td>
</tr>
<tr>
<td>Front/Rear axle traction lock</td>
<td>Diff-lock (both axles)</td>
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<tr>
<td>Articulation angle</td>
<td>deg.</td>
<td>-40 (each direction)</td>
</tr>
<tr>
<td>Angle of rear frame oscillation</td>
<td>deg.</td>
<td>-6 (each)</td>
</tr>
<tr>
<td>Loader clearance circle</td>
<td>in. (mm)</td>
<td>15' 8&quot; (4715)</td>
</tr>
<tr>
<td>Turning radius track circle</td>
<td>in. (mm)</td>
<td>11' 11&quot; (3520)</td>
</tr>
<tr>
<td>Brakes</td>
<td>Service</td>
<td>Enclosed wet disc</td>
</tr>
<tr>
<td>Parking</td>
<td>Spring applied hydraulic released wet disc</td>
<td></td>
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<tr>
<td>Tipping load (straight)</td>
<td>with bucket</td>
<td>lbs. (kg)</td>
</tr>
<tr>
<td>Tipping load (full turn)</td>
<td>with bucket</td>
<td>lbs. (kg)</td>
</tr>
<tr>
<td>Operating capacity</td>
<td>with bucket (50%)</td>
<td>lbs. (kg)</td>
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<tr>
<td>Operating capacity</td>
<td>with bucket (60%)</td>
<td>lbs. (kg)</td>
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<tr>
<td>Standard bucket capacity</td>
<td>Vmin</td>
<td>0.85</td>
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<tr>
<td>Breakout force</td>
<td>lbs. (kg)</td>
<td>7761 (35.4)</td>
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<tr>
<td>Lifting capacity at ground level</td>
<td>lbs. (kg)</td>
<td>6161 (35.1)</td>
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<tr>
<td>Loader raise / lower time</td>
<td>sec.</td>
<td>4.6 / 5.7</td>
</tr>
<tr>
<td>Fuel tank</td>
<td>gal. (l)</td>
<td>18.5 (70)</td>
</tr>
<tr>
<td>Hydraulic system</td>
<td>gal. (l)</td>
<td>14.5 (55)</td>
</tr>
<tr>
<td>Hydraulic reserve</td>
<td>gal. (l)</td>
<td>10.3 (39)</td>
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<tr>
<td>Operating weight (including operator weight @ 165lbs.)</td>
<td>lbs. (kg)</td>
<td>9888 (4485) / 10085 (4566)</td>
</tr>
</tbody>
</table>

### Pallet fork specifications

1. **Model**
   - **A1**
     - Overall length
     - Tipping load (straight) | lbs. (kg) | 6526 (2960) / 6812 (3090) |
     - Tipping load (full turn) | lbs. (kg) | 6526 (2960) / 6812 (3090) |
     - Operating capacity | lbs. (kg) | 2824 (1280) / 2956 (1345) |
     - Operating capacity | lbs. (kg) | 2824 (1280) / 2956 (1345) |
     - Standard bucket capacity | Vmax | 0.94 |
     - Lifting capacity at ground level | lbs. (kg) | 6161 (35.1) |
     - Loader raise / lower time | sec. | 4.6 / 5.7 |
     - Fuel tank | gal. (l) | 18.5 (70) |
     - Hydraulic system | gal. (l) | 14.5 (55) |
     - Hydraulic reserve | gal. (l) | 10.3 (39) |
     - Operating weight (including operator weight @ 165lbs.) | lbs. (kg) | 9888 (4485) / 10085 (4566) |