**HORSEPOWER**

Gross: 224 kW | 300 HP @ 2000 rpm

Net: 223 kW | 299 HP @ 2000 rpm

**BUCKET CAPACITY**

3.8–6.1 m³ | 5.0–8.0 yd³

---

**WA480-6**

---

**WEIGHT CHANGES**

<table>
<thead>
<tr>
<th>Tires or attachments</th>
<th>Operating weight</th>
<th>Tipping load straight</th>
<th>Tipping load full turn</th>
<th>Width over tires</th>
<th>Ground clearance</th>
<th>Change in vertical dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kg</td>
<td>lb</td>
<td>kg</td>
<td>lb</td>
<td>mm</td>
<td>ft in</td>
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<td>+800</td>
<td>+250</td>
<td>+551</td>
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<td>Install additional counterweight</td>
<td>+400</td>
<td>+880</td>
<td>+2,160</td>
<td>+550</td>
<td>+1,873</td>
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</tbody>
</table>

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**STANDARD EQUIPMENT**

- 2-spool valve for boom and bucket controls
- Alternator, 50 A
- Auto shift transmission with mode select system
- Back-up alarm
- Back-up lamp
- Batteries, 136 Ah/12 V x 2
- Counterweight
- Directional signal
- Engine, Komatsu SAA6D125E-5 diesel
- Engine shut-off system, electric
- Hard water area arrangement (corrosion resistor)
- Hydraulic-driven fan with reverse rotation
- Lift cylinders and bucket cylinder
- Main monitor panel with EMMS (Equipment Management Monitoring System)
- PPC fingertip control, two levers
- Radiator mask, lattice type
- Rearview mirror for cab
- Rear window washer and wiper
- ROPS/FOPS cab
- Seat belt
- Seat, suspension type with reclining
- Service brakes, wet disc type
- Starting motor, 7.5 kW/24 V
- Steering wheel, tiltable, telescopic
- Sun visor
- Tires (26.5-25-20PR tubeless) and rims
- Transmission, 4 forward and 4 reverse

---

**OPTIONAL EQUIPMENT**

- 12V converter
- 3-spool valve
- Additional counterweight
- Air conditioner
- AM/FM radio
- AM/FM stereo radio cassette
- Batteries, 140 Ah/12 V x 2
- Bucket teeth (bolt-on type)
- Bucket teeth (tip type)
- Cutting edge (bolt-on type)
- ECSS (Electronically Controlled Suspension System)
- Emergency steering (SAE)
- Engine pre-cleaner with extension
- Fire extinguisher
- Floor mat
- Front fender
- Joystick steering
- Load meter, new type
- Lock-up clutch torque converter
- Ordinary spare parts
- Power train guard
- Seat, air suspension with automatic weight adjustment
- Segment edges
- Tool kit
- Vandalism protection kit
- Limited slip differential (F&R)

---

**WHEEL LOADER**

Photo may include optional equipment.

---

www.Komatsu.com  Printed in Japan 201302 IPSIN
Increased Reliability
- Reliable Komatsu designed and manufactured components
- Sturdy main frame
- Maintenance-free, fully hydraulic, wet disc service and parking brakes
- Hydraulic hoses use flat face O-ring seals
- Cathion electrodeposition process is used to apply primer paint
- Powder coating process is used to apply main structure paint
- Sealed DT connectors for electrical connections

See page 6.

High Productivity & Low Fuel Consumption
- High performance SAA6D125E-5 engine
- Low fuel consumption
- Dual-mode engine power select system
- Large-capacity torque converter
- Automatic transmission with shift timing select system
- Lock-up Torque Converter (option)
- Variable displacement piston pump & CLSS

See pages 4 and 5.

Excellent Operator Environment
- Automatic transmission with ECMV
- Electronic controlled transmission lever
- Variable transmission cut-off system
- Telescopic / tilt steering column
- Fingertip control levers
- Low-noise designed cab
- Pillar-less large ROPS/FOPS integrated cab
- Easy entry/exit, rear-hinged door

See pages 8 and 9.

Harmony with Environment
- EPA Tier 3 and EU Stage 3A emissions certified
- Low exterior noise
- Low fuel consumption

Easy Maintenance
- “EMMS” (Equipment Management Monitoring System)
- Easy access, gull-wing type engine side doors
- Automatic Reversible Fan (option)

See page 7.

Horsepower
- Gross: 224 kW (300 HP) @ 2000 rpm
- Net: 223 kW (299 HP) @ 2000 rpm

Bucket Capacity
- 3.8–6.1 m³ (5.0–8.0 yd³)
**WALK-AROUND**

**High Productivity & Low Fuel Consumption**
- High performance SAA6D125E-5 engine
- Low fuel consumption
- Dual-mode engine power select system
- Large-capacity torque converter
- Automatic transmission with shift timing select system
- Lock-up Torque Converter (option)
- Variable displacement piston pump & CLSS

See pages 4 and 5.

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See page 7.

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- Easy access, gull-wing type engine side doors
- Automatic Reversible Fan (option)

Photo may include optional equipment.

**HORSEPOWER**
- Gross: 224 kW 300 HP @ 2000 rpm
- Net: 223 kW 299 HP @ 2000 rpm

**BUCKET CAPACITY**
- 3.8–6.1 m³ 5.0–8.0 yd³
High Performance SAA6D125E-5 Engine
Electronic Heavy Duty Common Rail fuel injection system provides optimum combustion of fuel. This system also provides fast throttle response to match the machine’s powerful tractive effort and fast hydraulic response.

Net: 223 kW 299 HP

Low Emission Engine
This engine is EPA Tier 3 and EU Stage 3A emissions certified, without sacrificing power or machine productivity.

Low Fuel Consumption
The fuel consumption is reduced greatly because of the low-noise, high-torque engine and the large-capacity torque converter with maximum efficiency in the low-speed range.

Dual-mode Engine Power Select System
This wheel loader offers two selectable operating modes—E and P. The operator can adjust the machine’s performance with the selection switch.

- **E Mode:** This mode provides maximum fuel efficiency for general loading.
- **P Mode:** This mode provides maximum power output for hard digging operation or hill climb.

Lock-up Torque Converter (optional)
The Komatsu designed lock-up torque converter provides increased production efficiency, reduced cycle times and optimum fuel savings in load & carry or hill-climb operations. The operator can engage the system from 2nd to 4th gear. This optional feature allows the operator to activate the system on/off with a switch located on the right-side control panel.

Variable Displacement Piston Pump & CLSS
New design variable displacement piston pump combined with the Closed-center Load Sensing System delivers hydraulic flow just as the job requires preventing wasted hydraulic pressure. Minimized waste loss contributes to better fuel economy.

- **New Variable Displacement Piston Pump:** The pump delivers only necessary amounts minimizing waste loss.
- **Fixed Displacement Piston Pump:** The pump delivers the maximum amount at any time and the unused flow is disposed.

Maximum Dumping Clearance and Reach
The long lift arms provide high dumping clearances and maximum dumping reach. The operator can even level loads on the body of a dump truck easily and efficiently.

**Dumping Clearance:** 3205 mm 10’6”
**Dumping Reach:** 1410 mm 4’8”
(4.6 m³ 6.0 yd³ bucket with B.O.C.)
High Productivity and Low Fuel Consumption

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Dumping Reach: 1410 mm 4’8”
(4.6 m³ 6.0 yd³ bucket with B.O.C.)
INCREASED RELIABILITY

Komatsu Components
Komatsu manufactures the engine, torque converter, transmission, hydraulic units, electric parts, on this wheel loader. Komatsu loaders are manufactured with an integrated production system under a strict quality control system.

High-rigidity Frames and Loader Linkage
The front and rear frames and the loader linkage have more torsional rigidity to secure resistance against increased stress due to the use of a larger bucket. Frame and loader linkage are designed to accommodate actual working loads, and simulated computer testing proves its strength.

Wild Multi-disc Brakes and Fully Hydraulic Braking System
Wet multi-disc brakes are fully sealed. Contaminants are kept out, reducing wear and maintenance. Brakes require no adjustments for wear, meaning even lower maintenance. The new parking brake is also an adjustment-free, wet multi-disc for high reliability and long life. Added reliability is designed into the braking system by the use of two independent hydraulic circuits. Provides hydraulic backup should one of the circuits fail. Fully hydraulic brakes mean no air system to bleed, or the condensation of water in the system that can lead to contamination, corrosion, and freezing.

Flat Face-to-face O-ring Seals
Flat face-to-face O-ring seals are used to securely seal hydraulic hose connections and to prevent oil leakage. In addition, buffer rings are installed to the head side of the all-hydraulic cylinders to lower the load on the rod seals and maximize the reliability.

Cathion Electrodeposition Primer Paint/Powder Coating Final Paint
Cathion electrodeposition paint is applied as a primer paint and powder coating is applied as topcoat to the exterior sheet metal parts. This process results in a beautiful rust-free machine, even in the most severe environments. Some external parts are made of plastic providing long life and high impact resistance.

Sealed DT Connectors
Main harnesses and controller connectors are equipped with sealed DT connectors providing high reliability, water resistance and dust resistance.

EMMS (Equipment Management Monitoring System)
Monitor is mounted in front of the operator for easy viewing, allowing the operator to easily check gauges and warning lights.

Ease of Radiator Cleaning
If the machine is operating in adverse conditions, the operator can reverse the hydraulic cooling fan from inside the cab by turning on a switch on the control panel.

Automatic Reversible Fan (optional)
The engine fan is driven hydraulically. It can be operated in reverse automatically. When switch is automatic position, the fan revolves in reverse for 2 minutes every 2 hours intermittently. (Default setting)

WHEEL LOADER

EASY MAINTENANCE
Increased Reliability

Komatsu Components
Komatsu manufactures the engine, torque converter, transmission, hydraulic units, electric parts, on this wheel loader. Komatsu loaders are manufactured with an integrated production system under a strict quality control system.

High-rigidity Frames and Loader Linkage
The front and rear frames and the loader linkage have more torsional rigidity to secure resistance against increased stress due to the use of a larger bucket. Frame and loader linkage are designed to accommodate actual working loads, and simulated computer testing proves its strength.

Wet Multi-disc Brakes and Fully Hydraulic Braking System mean lower maintenance costs and higher reliability. Wet disc brakes are fully sealed. Contaminants are kept out, reducing wear and maintenance. Brakes require no adjustments for wear, meaning even lower maintenance. The new parking brake is also an adjustment-free, wet multi-disc for high reliability and long life. Added reliability is designed into the braking system by the use of two independent hydraulic circuits. Provides hydraulic backup should one of the circuits fail. Fully hydraulic brakes mean no air system to bleed, or the condensation of water in the system that can lead to contamination, corrosion, and freezing.

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Easy Maintenance

EMMS
(Equipment Management Monitoring System)
Monitor is mounted in front of the operator for easy viewing, allowing the operator to easily check gauges and warning lights.

A specially designed two-spoke steering wheel allows the operator to easily see the instrument panel.

Maintenance Control and Troubleshooting Functions
- Action code display function: If abnormality occurs, the monitor displays action details on the character display at the bottom center of the monitor.
- Monitor function: Controller monitors engine oil level, pressure, coolant temperature, air cleaner clogging, etc. If controller finds abnormalities, the error is displayed on LCD.
- Replacement time notice function: Monitor informs replacement time of oil and filters on LCD when replacement intervals are reached.
- Trouble data memory function: Monitor stores abnormalities for effective troubleshooting.

Gull-wing Type Engine Side Doors Open Wide
The operator can open and close each gull-wing type engine side door easily with the assistance of a gas spring to perform daily service checks from the ground.

Ease of Radiator Cleaning
If the machine is operating in adverse conditions, the operator can reverse the hydraulic cooling fan from inside the cab by turning on a switch on the control panel.

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The engine fan is driven hydraulically. It can be operated in reverse automatically. When switch is automatic position. The fan revolves in reverse for 2 minutes every 2 hours intermittently. (Default setting)
Easy Operation

Automatic Transmission with ECMV
Automatic transmission with ECMV automatically selects the proper gear speed based on travel speed, engine speed, and other travel conditions. The ECMV (Electrically Controlled Modulation Valve) system engages the clutch smoothly to prevent lags and shocks when shifting. This system provides efficient machine operation and a comfortable ride.

- **Kick-down switch:** Consider this valuable feature for added productivity. With the touch of a finger, the kick-down switch automatically downshifts from second to first when beginning the digging cycle. It automatically upshifts from first to second when the direction control lever is placed in reverse. This results in increased rim pull for better bucket penetration and reduced cycle times for higher productivity.

- **One push power-up function:** The kick-down switch also functions as a power-up switch in first gear. The first time the kick-down switch is depressed it functions as a kick-down switch and gear speed is reduced. When the machine is in E operation mode and first gear, pressing the kick-down switch a second time changes the operation mode to P allowing increased power for heavy digging operation. The operation mode returns to E when machine gear speed changes or direction changes to reverse.

- **Hold switch:** Auto shift is selected and if the operator turns on this switch when the lever is at the 3rd or 4th gear speed position, the transmission is fixed to that gear speed.

Electronically Controlled Transmission Lever
Easy shifting and directional changes with Komatsu two-lever electronic shifting. Change direction or shift gears with a touch of the fingers without removing the shifting hand from the steering wheel. Solid state electronics and conveniently located direction and gear shift controls make this possible. Automatic shifts in ranges two through four keep production high and manual shifting at a minimum.

Variable Transmission Cut-off System
The operator can continuously adjust the transmission cut-off pressure desired for the left brake pedal using switch located on the right-side control panel. The operator can improve the working performance by setting the cut-off pressure properly depending on working condition.

- **High cut-off pressure for digging operations.**
- **Low cut-off pressure for truck-loading operations.**

Fingertip Work Equipment Control Levers with Large Size Arm Rest
New PPC control levers are used for the work equipment. The operator can easily operate the work equipment with fingertip control, reducing operator fatigue and increasing controllability. The PPC control lever column can be slid forward or rearward and the large size arm rest can be adjusted up or down to provide the operator with a variety of comfortable operating positions.

Telescopic/Tilt Steering Column
The operator can tilt and telescope the steering column to provide a comfortable working position.

Comfortable Operation

Low-noise Design
Noise at operator’s ear noise level : 72 dB(A)
Dynamic noise level (outside): 112 dB(A)
The large cab is mounted with Komatsu’s unique ROPS/FOPS viscous mounts. The low-noise engine, hydraulically driven fan, and hydraulic pumps are mounted with rubber cushions, and the cab sealing is improved to provide a quiet, low-vibration, dustproof with pressurizing, and comfortable operating environment. Also, exterior noise is lowest in this class.

Pillar-less Large Cab
A wide pillar-less flat glass provides excellent front visibility. The wiper arm covers a large area to provide great visibility even on rainy days. The cab area is the largest in its class providing maximum space for the operator. Increased seat slide adjustment to backward by introducing front mounted air conditioner unit.

Rear-hinged Full Open Cab Door
The cab door hinges are installed to the rear side of the cab providing a large opening angle for the operator to enter and exit. The steps are designed like a staircase, so that the operator can get on and off the cab easily.
**Easy Operation**

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The cab door hinges are installed to the rear side of the cab providing a large opening angle for the operator to enter and exit. The steps are designed like a staircase, so that the operator can get on and off the cab easily.
### ENGINE
- **Type:** Komatsu SAA6D125E-5
- **Horsepower:** 139 kW 188 HP
- **Rated rpm:** 2000 rpm
- **Turbos:** 2
- **Injection:** Electronic

### TRANSMISSION
- **Gearbox:** 6-speed, ZF6W125
- **Transfer case:** ZF-2330
- **Final drive:** Haldex System, Spur Gear

### AXLES AND FINAL DRIVES
- **Front axle:** 31.9" 812 mm
- **Rear axle:** 31.9" 812 mm
- **Steering axle:** 26.5" 670 mm

### STEERING SYSTEM
- **Type:** Articulated, full hydraulic power steering
- **Steering angle:** 30° each direction (40° end stop)
- **Minimum turning radius at the center of outside tire:** 6630 mm 219"

### HYDRAULIC SYSTEM
- **Hydraulic system:** Piston pump
- **Capacity:** 195 l/min 5.6 U.S. gal at rated rpm
- **Relief valve setting:** 2500 psi 17.1 MPa
- **Relief valve setting:** 5440 psi 37.1 MPa

### BRAKES
- **Type:** Hydraulic actuated
- **Parking brake:** Dust evacuator, plus dust indicator

### SERVICE REFILL CAPACITIES
- **Fuel tank:** 413 U.S. gal 1557 l
- **Cooling system:** 26.0 US Gal 97 l

### AXLES
- **Height:** 2500 mm 82 ft
- **Length:** 24910 mm 81.9 ft
- **Width:** 24965 mm 81.9 ft

### SPECIFICATIONS

#### General Purpose Buckets

<table>
<thead>
<tr>
<th>Bucket</th>
<th>Bolt-on Cutting Edges</th>
<th>Teeth</th>
<th>Bolt-on Cutting Edges</th>
<th>Teeth</th>
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<td>6.1 m³</td>
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<td>4.6 m³</td>
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<td>Loading</td>
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<td>4.3 m³</td>
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<td>4.9 m³</td>
<td>6.1 m³</td>
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</tr>
</tbody>
</table>

### LIGHT MATERIAL BUCKET

- **Material:** 255 kg 562 lbs
- **Material:** 440 kg 971 lbs
- **Material:** 670 kg 1476 lbs
- **Material:** 895 kg 1973 lbs

### BUCKET SELECTION GUIDE

- **Material:** 0.5 m³ 1.8 cu ft
- **Material:** 1.0 m³ 3.5 cu ft

### WHEEL LOADER

- **Wheelbase:** 3405 mm 134.1 in
- **Hinge pin height, max. height:** 4505 mm 176.7 in
- **Hinge pin height, carry position:** 565 mm 22.3 in
- **Ground clearance:** 325 mm 12.8 in
- **Hitch height:** 1240 mm 48.9 in
- **Overall height, top of the stack:** 3160 mm 124.0 in
- **Overall height, ROPS cab:** 3100 mm 122.4 in

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*All at the end of both or B.O.C.*

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*All dimensions, weights, and performance values based on SAE J732c and J747c standards.*

### BRAKES
- **Service brakes:** Hydraulic actuated, wet disc brakes actuate on four wheels
- **Parking brake:** Wet disc brake
- **Emergency brake:** Parking brake is commonly used
**ENGINE**

- **Model:** Komatsu SAA6D125E-6
- **Type:** Turbocharged, aftercooled, cooled EGR
- **Number of cylinders:** 6
- **Bore x stroke:** 125 mm x 150 mm 4.9" x 5.9"
- **Stroke:** 11.04 in
- **Governor:** 8-speed, electronic
- **Horsepower:** 321 kW 434 hp
- **Rated rpm:** 2110 rpm
- **Rated speed:** 2000 rpm
- **Fuel system:** Direct injection
- **Lubrication system:** Gear pump, force-lubrication
- **Filter:** Full-flow type
- **Air cleaner:** Dry type with double elements and dust evacuator, plus dust indicator

*Net horsepower at the maximum speed of radiator cooling fan*  
EPA Tier 3 and EU Stage 3A emissions certified.

**HYDRAULIC SYSTEM**

- **Type:** Articulated type, full hydraulic power steering
- **Minimum turning radius at the center of outside tire:** 6630 mm 21'9"

**STEERING SYSTEM**

- **Type:** Full-powershift, countershaft type
- **Travel speed (rated load in bucket):**
  - Forward: 7.4 m3/s 26.5 US gal/min at rated rpm
  - Reverse: 7.4 m3/s 26.5 US gal/min

**SERVICE REFILL CAPACITIES**

- **Cooling system:** 61 ftr 16.1 U.S. gal
- **Fuel tank:** 413 ftr 119.1 U.S. gal
- **Engine oil:** 36 ftr 10.0 U.S. gal
- **Hydraulic system:** 173 ftr 49.7 U.S. gal
- **Axle front:** 59 ftr 15.6 U.S. gal
- **Torque converter and transmission:** 65 ftr 17.2 U.S. gal

- **Dimensions:**
  - **Overall height, ROPS cab:** 3450 mm 11'6"
  - **Hitch height:** 1240 mm 4'1"
  - **Overall height, top of the stack:** 3800 mm 12'1"
  - **Overall height, ROPS cab:** 3000 mm 10'0"

**AXLES AND FINAL DRIVES**

- **Drive system:** Four-wheel drive
- **Front axle:** Water-cooled, semi-floating
- **Rear axle:** Center-pin support, semi-floating

**BRAKES**

- **Service brakes:** Hydraulically actuated, wet disc brakes actuate on four wheels
- **Parking brake:** Wet disc brake
- **Emergency brake:** Parking brake is commonly used

**BUCKET SELECTION GUIDE**

- **Material density by lbf/ft³:**
  - 1.07
  - 1.5
  - 1.9
  - 2.3

<table>
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<td>16.2</td>
<td>16.8</td>
<td>17.3</td>
<td>17.8</td>
</tr>
<tr>
<td>1.9</td>
<td>20.7</td>
<td>22.1</td>
<td>22.5</td>
<td>23.2</td>
<td>23.8</td>
<td>24.4</td>
</tr>
<tr>
<td>2.3</td>
<td>28.1</td>
<td>30.7</td>
<td>31.5</td>
<td>33.0</td>
<td>34.5</td>
<td>36.0</td>
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</table>

**Bolts on Cutting Edges**

<table>
<thead>
<tr>
<th>Bolt-on Cutting Edges</th>
<th>Teeth</th>
<th>Bolt-on Cutting Edges</th>
<th>Teeth</th>
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<tbody>
<tr>
<td>4.6 m³</td>
<td>4.3 m³</td>
<td>4.1 m³</td>
<td>3.8 m³</td>
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<tr>
<td>4.0 m³</td>
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<td>4.6 m³</td>
<td>4.2 m³</td>
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<tr>
<td>3.5 m³</td>
<td>3.5 m³</td>
<td>3.2 m³</td>
<td>2.8 m³</td>
</tr>
<tr>
<td>3.2 m³</td>
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<td>2.6 m³</td>
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**Lease Material Bucket**

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<tr>
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<td>1.07</td>
<td>11.2</td>
<td>11.4</td>
<td>11.6</td>
<td>11.9</td>
<td>12.2</td>
<td>12.4</td>
</tr>
<tr>
<td>1.5</td>
<td>15.3</td>
<td>15.9</td>
<td>16.2</td>
<td>16.8</td>
<td>17.3</td>
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<td>33.0</td>
<td>34.5</td>
<td>36.0</td>
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**Light Material Bucket**

<table>
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<td>12.2</td>
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<td>34.5</td>
<td>36.0</td>
</tr>
</tbody>
</table>
## WA480-6 WHEEL LOADER

### HORSEPOWER
- **Gross:** 224 kW (300 HP @ 2000 rpm)
- **Net:** 223 kW (299 HP @ 2000 rpm)

### BUCKET CAPACITY
- 3.8–6.1 m³ (5.0–8.0 yd³)

### WEIGHT CHANGES

<table>
<thead>
<tr>
<th>Tires or attachments</th>
<th>Operating weight</th>
<th>Tipping load straight</th>
<th>Tipping load full turn</th>
<th>Width over tires</th>
<th>Ground clearance</th>
<th>Change in vertical dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>kg</td>
<td>lb</td>
<td>kg</td>
<td>lb</td>
<td>kg</td>
<td>ft in</td>
</tr>
<tr>
<td>26.5-25-20PR(L-3)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3010</td>
</tr>
<tr>
<td>26.5-25-20PR(L-4)</td>
<td>+360</td>
<td>+794</td>
<td>+250</td>
<td>+551</td>
<td>+220</td>
<td>+485</td>
</tr>
<tr>
<td>Install additional counterweight</td>
<td>+400</td>
<td>+880</td>
<td>+900</td>
<td>+2,160</td>
<td>+850</td>
<td>+1,873</td>
</tr>
</tbody>
</table>

### STANDARD EQUIPMENT
- 2-spool valve for boom and bucket controls
- Alternator, 50 A
- Auto shift transmission with mode select system
- Back-up alarm
- Back-up lamp
- Batteries, 136 Ah/12 V x 2
- Counterweight
- Directional signal
- Engine, Komatsu SAA6D125E-5 diesel
- Engine shut-off system, electric
- Hard water area arrangement (corrosion resister)
- Hydraulic-driven fan with reverse rotation
- Lift cylinders and bucket cylinder
- Main monitor panel with EMMS (Equipment Management Monitoring System)
- PPC fingertip control, two levers
- Radiator mask, lattice type
- Rearview mirror for cab
- Rear window washer and wiper
- ROPS/FOPS cab
- Seat belt
- Seat, suspension type with reclining
- Service brakes, wet disc type
- Starting motor, 7.5 kW/24 V
- Steering wheel, tiltable, telescopic
- Sun visor
- Tires (26.5-25-20PR tubeless)
- Transmission, 4 forward and 4 reverse
- Transmission guard
- Tool kit
- Vandalism protection kit
- Limited slip differential (F&R)

### OPTIONAL EQUIPMENT
- 12V converter
- 3-spool valve
- Additional counterweight
- Air conditioner
- AM/FM radio
- AM/FM stereo radio cassette
- Batteries, 140 Ah/12 V x 2
- Bucket (tip type)
- Cutting edge (bolt-on type)
- ECSS (Electronically Controlled Suspension System)
- Emergency steering (SAE)
- Engine pre-cleaner with extension
- Fire extinguisher
- Floor mat
- Front fender
- Joystick steering
- Load meter, new type
- Lock-up clutch torque converter
- Ordinary spare parts
- Power train guard
- Seat, air suspension with automatic weight adjustment
- Segment edges
- Tool kit
- Vandalism protection kit
- Limited slip differential (F&R)

Photo may include optional equipment.

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