

# WA500-3 WHEEL LOADER

## KOMATSU

BUCKET CAPACITIES  
5.6 – 7.2 yd<sup>3</sup>  
4.3 – 5.5 m<sup>3</sup>



# WA500-3

WHEEL LOADER  
WA500-3

# WA500-3 Wheel Loader

# WALK-AROUND

Designed for better value through improved reliability and enhanced versatility.

That's why the WA500-3 means value, and anything less is just another Wheel Loader.

**Komatsu-integrated design for the best value, reliability, and versatility.** Hydraulics, power train, frame, and all other major components are engineered by Komatsu. You get a machine whose components are designed to work together for higher production, greater reliability, and more versatility.

**Optional Electrically Controlled Suspension System.** Takes the bounce out of travel on rough ground surfaces. Provides greater comfort and confidence for the operator as well as increased travel speed and steering stability, while improving the material retention in the bucket.

Here's how it works. A switch in the operator's compartment initiates the electrical circuit that actuates the solenoid selector valves for the boom cylinders as well as pressure switches for the accumulators. This allows the accumulators to absorb the shocks during roading.

**Ground level greasing** reduces maintenance time. See page 8.

**New easier access to engine for servicing.** Large swing-out hood doors lock with cab key.

**Komatsu limited slip differentials are optional.** See page 7.

**New sealed, wet multi-disc parking brake for better reliability and less maintenance cost.** See page 7.

**Automatic transmission with kick-down switch is another standard feature.** See page 7.



WHEEL  
LOADER

WA500-3

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FLYWHEEL HORSEPOWER

315 hp 235 kW  
@ 2100 rpm

OPERATING WEIGHT\*

65,164 lb 29620 kg  
\* with bucket

BUCKET CAPACITY

5.6-7.2 yd<sup>3</sup> 4.3-5.5 m<sup>3</sup>



**New cab for increased operator productivity.** New operator's cab provides better visibility, increased comfort, see-at-a-glance console, two-door walk-through and finger-touch shifting. See page 5.

**Special rubber-mounted cab for productivity.** Special silicone-filled rubber cab mounts reduce vibration and noise that can fatigue the operator and reduce his efficiency. See page 5.

**Cummins N14 diesel power for productivity and reliability.** See page 6.

**Underhood mounted muffler** provides operator with great rearward vision.

**Rear lights** have been moved up, out of harms way.

**Optional stick-steer** gives improved cycle time in tight cycle applications while reducing operator fatigue.

**Sight gauge** for hydraulic tank allows ground level check.

**Ground level fueling.**

**Check battery easily.** Low mount battery boxes for easy checking and servicing.

**New hydraulically-actuated wet disc brake system** eliminates air system maintenance.



**It all adds up to more value and better return for your investment. It's what you should expect when you select Komatsu.**

# OPERATOR'S COMPARTMENT

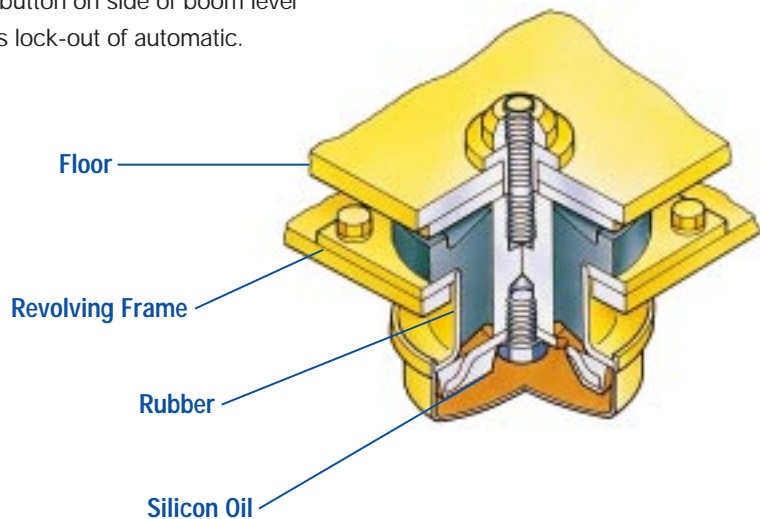
*Ask the man who runs one—he will tell you the operator's cab sets the Komatsu Wheel Loader apart from the others. That's a productivity feature you can't ignore. No matter how a machine specs out, or how much is promised for productivity, unless the operator can work a full shift without becoming fatigued, you will never get the full measure of promised productivity.*

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The cab improvements on the Wheel Loaders go beyond providing a large cab with a comfortable seat. Improvements include these production-enhancing standard and optional features:

- **Large curved glass front window** provides the operator an unobstructed view of the working area and attachment.
- **Two-door walk-through cab.** Good for ventilation as well as easy entry and exit from either side of the cab.
- **Rubber mounts dampen noise and vibration,** reduces fatigue caused by noise. Helps keep the operator productive, longer.
- **Low-effort brake pedals** actuate fully hydraulic brakes. Parking brake provides effective braking with the touch of a finger.
- **Steer with ease.** Komatsu's orbital, fully hydraulic steering provides fast response with low effort, at low engine rpm.
- **Kick-down switch is conveniently located** on the boom shift lever. A simple motion of the thumb actuates this valuable productivity feature. Hold button on side of boom lever allows lock-out of automatic.
- **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.
- **At-a-glance instrument monitor.** Monitor is mounted in front of the operator and is tilted for easy view, allowing the operator to easily check gauges and warning lights.
- **See the monitor through the steering wheel, not around it.** A specially designed two-spoke steering wheel allows the operator to easily see the instrument panel.





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**Value Options**

Value options for productivity and those little added touches that make work a little easier.

- **Keep cool, keep productive with a five-mode air conditioner.** Thirteen strategically-located vents direct cool air to the operator, keeping him productive on the hottest days.
- **There's nothing more refreshing than a cold drink on a hot day.**

The cool box will help keep your lunch and beverage cool. That's something to look forward to at lunch or break-time.

- **Make the time go faster** with an auto-tuning AM/FM cassette radio with a digital clock.

# KOMATSU DESIGNED POWER TRAIN

*Komatsu integrated design means components are matched to provide most efficient use of power whether you're working the face of a material bank or travelling with a loaded bucket.*

The WA500-3 Wheel Loader is designed to effectively match the engine, four-speed transmission, differentials, axles, and brakes to the applications for which this Wheel Loader is built to handle.

## **CUMMINS EMISSIONIZED N14 DIESEL ENGINE**

The N14, Cummins 14 liter engine, has long been the standard of the industry for reliability and durability. Recent refinements to the new Cummins N14 engine, including articulated pistons, larger bearing areas and swirl port technology heads make it an even tougher engine.

With a piston displacement of **855 cubic inches** 14.0 liter, the Cummins N14 has a net flywheel horsepower of **315 hp** at 2100 rpm.

## **Other power train features include:**

### ● **Large Diameter Camshaft**

The single large diameter flangeless camshaft has a crowned design for both the camshaft journal and cam follower rollers, reducing contact roller stress. Forged and induction-hardened camshafts with crown rollers result in outstanding reliability and durability.

### ● **Large capacity, double-wrapped muffler** is mounted under the hood for lower engine noise and better operator visibility.

### ● **Simple, rugged design** for dependability and low service requirements.

### ● **Large swing-out doors** allow easy access to the engine and radiator for routine maintenance and cleaning.

### ● **Spin-on filters** and easily accessible lubrication points mean reduced maintenance time and less chance of missing these important maintenance items.

### ● **Sealed wet disc service brakes.**

Resistant to foreign debris even when working in hostile environments.

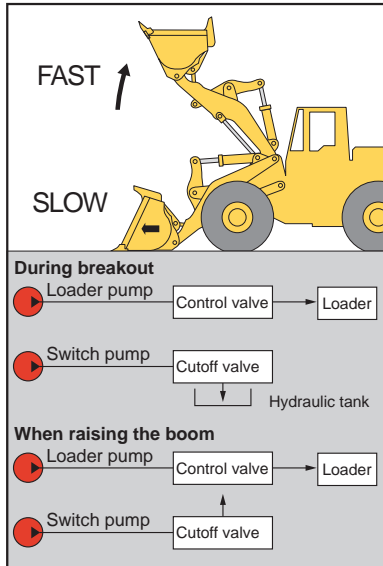
### ● **Maintenance-free parking brake** is located in the transmission case and is a wet disc brake.

**WHEEL  
LOADER**

**WA500-3**



•••••  
Transmission



**APS—Automatic Power Speed Hydraulic System**, is a dual-hydraulic speed system from Komatsu, which increases operational efficiency by matching the hydraulic demands to the actual conditions.

Oil from the switch pump is completely returned to the tank when digging and breaking out, therefore hydraulic flow to the loader is reduced and pressure is increased. This reduces horsepower demand from the engine and makes the operation more efficient. The result of this new Avance Dash-3 technology means greater productivity at the lowest operating cost.

**KOMATSU FOUR-SPEED TRANSMISSION**

Provides maximum forward speed in fourth gear of up to **21.6 mph** 34.8 km/h and in reverse of **23.7 mph** 38.1 km/h. The transmission is a full power shift, planetary transmission.

**Other features include:**

- Solid state electronic shifting control that reduces wear, increases reliability, and provides easy directional shifts.
- Fingertip-shifting from forward to reverse or from one gear to another.
- Four forward and four reverse gears to better match the cycle conditions. You get higher efficiency and better fuel economy.

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

**Four-wheel drive with optional limited slip differentials** for reduced slippage and longer tire life. This improves the ability of the WA500-3 to maneuver in unstable conditions compared to a similar machine equipped with conventional differentials.

**Komatsu designed axles and final drives** for rugged reliability and low maintenance.

Axle shafts are full-floating, the front axle is fixed. The rear axle is a center-pin support design that provides a total oscillation of up to 30 degrees.



The differential reduction gear is a heavy-duty spiral bevel gear for strength and reliable performance

Rugged, outboard planetary final drives carry the total gear reduction of the drive train to the wheel which is mounted to the axle hub.

**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 resulting 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 back-up should one of the circuits fail.

Full hydraulic brakes mean no air system to bleed, or the condensation of water in the system that can lead to contamination and corrosion.



# EASY MAINTENANCE

## SERVICING WITH A SMILE

It would be better if most of us approached routine maintenance and service as something that made us smile. That's why Komatsu designed the WA500-3 Wheel Loader to make servicing as easy as possible. We know by doing this, routine maintenance and servicing are less likely to be skipped, which can mean a reduction in costly downtime later on. Here are some of the many service features found on the Wheel Loaders.



**Komatsu design  
means more  
value**

- Large service doors provide easy access to the engine compartment.
- Ground Level Greasing—all grease points are easily reached from ground level and grease banks are provided in some areas to reduce maintenance time.
- Batteries are located in the counterweight for ground level access.
- Sealed Loader Linkage Pins—designed to keep grease contained longer, prevent the entrance of dust, thereby lengthening greasing intervals.

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# WA500-3 Wheel Loader

## SPECIFICATIONS



### ENGINE

Model . . . . . Cummins N14  
 Type . . . . . Water-cooled, 4-cycle, direct injection  
 Aspiration . . . . . Turbocharged and aftercooled  
 No. of cylinders . . . . . 6  
 Bore x stroke . . . . . **5.5" x 6.0"** 140 mm x 152 mm  
 Piston displacement . . . . . **855 in<sup>3</sup>** 14.0 ltr  
 Governor . . . . . All-speed mechanical  
 Horsepower Rating @ 2100 rpm (SAE J1349)  
     Gross power . . . . . **335 hp** 250 kW  
     Flywheel/net power . . . . . **315 hp** 235 kW  
 Meets 1996 EPA emissions regulations

Gear pump-driven force lubrication with full-flow filters. All filters are spin-on for easy maintenance. Exhaust aspirated 34 tubes strata precleaner, dry air cleaner with primary and secondary elements and dust indicator. 24V electric starting motor: 24V/50A alternator, 2 x 12V/200Ah batteries.



### TRANSMISSION

Three-element, single stage, single-phase torque converter. Full power shift, automatic planetary gear transmission. An electronically-controlled transmission allows fingertip control with speed and directional change levers. A modulating function assures shockless range and directional changes.

Travel Speed*	Forward		Reverse	
	1st	<b>4.4 mph</b>	7.1 km/h	<b>4.9 mph</b>
2nd	<b>7.8 mph</b>	12.6 km/h	<b>8.6 mph</b>	14.1 km/h
3rd	<b>13.2 mph</b>	21.2 km/h	<b>14.6 mph</b>	23.5 km/h
4th	<b>21.6 mph</b>	34.8 km/h	<b>23.7 mph</b>	38.1 km/h

\*Measured with 29.5/25 tires



### AXLES AND FINAL DRIVES

4-wheel drive system. Fixed, full-floating front axle. Center-pin supported, full-floating rear axle has 30° total oscillation. Spiral bevel gear for reduction and straight bevel gear for differential. Final reduction through a single reduction planetary gear set in an oil bath.



### BRAKES

**Service brakes:** 4-wheel, separate front-rear wheel, hydraulically actuated, multiple wet disc.

**Parking brake:** Wet disc brake.



### STEERING SYSTEM

Articulated, full-hydraulic power steering. 40° steering angle each direction. Minimum turning radius of **20'2"** 6160 mm at the center of the outside tire. Stick-steer control system is optional.



### ROPS AND CAB

Dimensions comply with ISO 3471 and SAE J1040c ROPS (Roll-Over Protective Structure) standards, as well as ISO 3449 FOPS (Falling Object Protective Structure) standards. The cab is mounted on viscous dampening mounts.



### BUCKET CONTROLS

#### Control positions

Boom . . . . . Raise, hold, lower, and float  
 Bucket . . . . . Tilt-back, hold, and dump



### HYDRAULIC SYSTEM

The dual hydraulic speed system makes it possible to reduce cycle times.

- Powerful rim pull is maintained when entering the pile, so the digging capacity is increased.
- Boom speed is increased while raising the boom to minimize cycle time.

#### Capacity (discharge flow) @ engine 2140 rpm

Loader Pump	<b>88.2 gal/min</b>	333.8 ltr/min
Steering Pump	<b>43.5 gal/min</b>	164.6 ltr/min
Switch Pump	<b>34.3 gal/min</b>	129.9 ltr/min
Pilot Pump (Gear Pumps)	<b>15.6 gal/min</b>	59.1 ltr/min

<b>Loader Total</b>	<b>122.5 gal/min</b>	463.7 ltr/min
<b>Steering Total</b>	<b>77.8 gal/min</b>	294.5 ltr/min

#### Relief valve setting

Loader . . . . . **3000 psi** 210 kg/cm<sup>2</sup>

#### Control valve

Spool

Hydraulic cylinders	Number of cylinders	Bore		Stroke	
		Bore	Stroke	Bore	Stroke
Boom	2	<b>7.9"</b>	200 mm	<b>33.03"</b>	839 mm
Bucket	1	<b>8.9"</b>	225 mm	<b>24.13"</b>	613 mm
Steering	2	<b>4.3"</b>	110 mm	<b>19.1"</b>	486 mm

Hydraulic cycle time (rated load in bucket)

Raise . . . 6.4 sec/Dump . . . 1.7 sec/Lower (empty) . . . 3.5 sec

Total cycle time = 11.6 sec



### SERVICE REFILL CAPACITIES

Cooling system . . . . .	<b>21.4 gal</b>	81 ltr
Fuel tank . . . . .	<b>122.9 gal</b>	465 ltr
Engine . . . . .	<b>9.2 gal</b>	35 ltr
Hydraulic system . . . . .	<b>46.2 gal</b>	175 ltr
Differential, final drive (each axle) . . . . .	<b>20.6 gal</b>	78 ltr
Torque converter and transmission . . . . .	<b>16.4 gal</b>	62 ltr

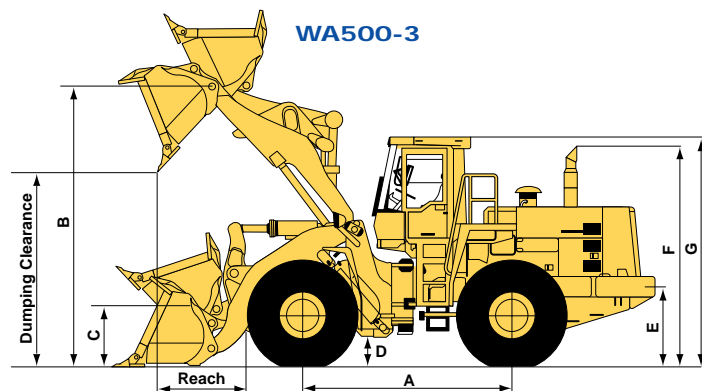


### TIRES

Select ideal tires depending on job requirements.  
 29.5/25-22PR (L3) standard



## DIMENSIONS



Tires	29.5/25-22PR (L3)	
Tread	<b>7'10"</b>	2400 mm
Width over tires	<b>10'6"</b>	3190 mm
A Wheelbase	<b>11'10"</b>	3600 mm
B Bucket pin height, maximum height	<b>14'9"</b>	4500 mm
C Bucket pin height, carry position	<b>1'10"</b>	565 mm
D Ground clearance	<b>1'5"</b>	450 mm
E Hitch height	<b>4'1"</b>	1240 mm
F Overall height, top of stack	<b>12'2"</b>	3705 mm
G Overall height, ROPS canopy	<b>12'8"</b>	3860 mm

Bucket		General Purpose Straight Edge with Bolt-on Cutting Edge		Excavating Straight Edge with Teeth and Segment Edges		Loose Material Straight Edge with Bolt-on Cutting Edge	
Bucket Capacity	SAE rated	<b>6.5 yd<sup>3</sup></b>	5.0 m <sup>3</sup>	<b>5.9 yd<sup>3</sup></b>	4.5 m <sup>3</sup>	<b>7.2 yd<sup>3</sup></b>	5.5 m <sup>3</sup>
	Struck	<b>6.0 yd<sup>3</sup></b>	4.6 m <sup>3</sup>	<b>5.1 yd<sup>3</sup></b>	3.9 m <sup>3</sup>	<b>6.6 yd<sup>3</sup></b>	5.1 m <sup>3</sup>
Bucket Width		<b>11'2"</b>	3400 mm	<b>11'4"</b>	3460 mm	<b>11'2"</b>	3404 mm
Bucket Weight		<b>6,072 lb</b>	2760 kg	<b>5,667 lb</b>	2570 kg	<b>6,445 lb</b>	2923 kg
Static Tipping Load	Straight	<b>52,633 lb</b>	23870 kg	<b>53,118 lb</b>	24090 kg	<b>52,033 lb</b>	23598 kg
	40° full turn	<b>45,181 lb</b>	20490 kg	<b>45,599 lb</b>	20680 kg	<b>44,681 lb</b>	20264 kg
Dumping Clearance, maximum height and 45° dump angle		<b>10'5"</b>	3170 mm	<b>10'1"</b>	3070 mm	<b>10'2"</b>	3095 mm
Reach at 7' 2130 mm 45° dump angle		<b>6'8"</b>	2025 mm	<b>7'1"</b>	2165 mm	<b>6'11"</b>	2108 mm
Reach at maximum height and 45° dump angle		<b>4'6"</b>	1365 mm	<b>4'8"</b>	1425 mm	<b>4'9"</b>	1448 mm
Reach with arm horizontal and bucket level		<b>12'4"</b>	3760 mm	<b>12'10"</b>	3910 mm	<b>12'9"</b>	3886 mm
Operating Height	Fully raised	<b>20'3"</b>	6175 mm	<b>20'1"</b>	6115 mm	<b>20'4"</b>	6198 mm
Overall Length	Bucket at carry	<b>29'10"</b>	9105 mm	<b>30'3"</b>	9225 mm	<b>30'2"</b>	9195 mm
Turning Radius*		<b>24'0"</b>	7315 mm	<b>24'3"</b>	7390 mm	<b>24'2"</b>	7366 mm
Digging Depth	0°	<b>6"</b>	150 mm	<b>5"</b>	135 mm	<b>3.7"</b>	94 mm
	10°	<b>14.8"</b>	375 mm	<b>17.0"</b>	425 mm	<b>15.1"</b>	384 mm
Breakout Force		<b>52,259 lb</b>	23700 kg	<b>59,535 lb</b>	27000 kg	<b>47,500 lb</b>	21542 kg
Operating Weight		<b>66,282 lb</b>	30060 kg	<b>65,863 lb</b>	29870 kg	<b>66,655 lb</b>	30229 kg

\* Static tipping load and operating weight shown include lubricants, coolant, full fuel tank, ROPS cab, front fenders, optional counterweight, 29.5/25-22PR (L3) tubeless tires and operator. Machine stability and operating weight are affected by counterweight, tire size, and other attachments. **Do not use tire ballast with optional counterweight.**

\* Turning radius measured with bucket at carry position, outside corner of bucket.

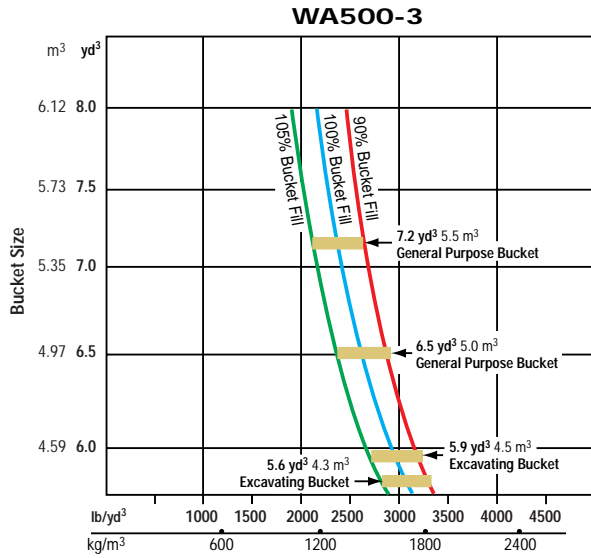
### Weight Changes

	Change in Operating Weight		Change in Tipping Load			
			Straight		Full Turn	
Remove Steel Cab	<b>-670 lb</b>	-305 kg	<b>-570 lb</b>	-260 kg	<b>-550 lb</b>	-250 kg
Deduct Additional Counterweight	<b>-2,200 lb</b>	-1000 kg	<b>-5,280 lb</b>	-2400 kg	<b>-4,400 lb</b>	-2000 kg

# WA500-3 Wheel Loader



## BUCKET SELECTION GUIDE



\* This guide, representing bucket sizes not necessarily manufactured by Komatsu, will help you select the proper bucket size for material density, loader configuration, and operating conditions. Optimum bucket size is determined after adding or subtracting all tipping load changes due to optional equipment. Bucket fill factors represent the approximate amount of material as a percent of rated bucket capacity. Fill factors are primarily affected by material, ground conditions, breakout force, bucket profile, and the cutting edge of the bucket used.

Material (loose weight)	lb/yd <sup>3</sup>	kg/m <sup>3</sup>
Clay and gravel, dry	2,400	1420
Clay and gravel, wet	2,600	1540
Coal, anthracite, broken	1,850	1100
Coal, bituminous, broken	1,400	830
Earth, dry, packed	2,550	1510
Earth, loam	2,100	1250
Earth, wet, excavated	2,700	1600
Granite, broken or large crushed	2,800	1660
Gravel, dry	2,550	1510
Gravel, dry 1/2" to 2" 13 to 50 mm	2,850	1690
Gravel, pit run (graveled sand)	3,250	1930
Gravel, wet 1/2" to 2" 13 to 50 mm	3,400	2020
Limestone, broken or crushed	2,600	1540
Phosphate rock	2,160	1280
Sand and gravel, dry	2,900	1720
Sand and gravel, wet	3,400	2020
Sand, dry	2,400	1420
Sand, wet	3,100	1840
Stone, crushed	2,700	1600
Topsoil	1,600	950



## STANDARD EQUIPMENT

- Air cleaner, 2-stage dry with auto dust evacuator
- Air conditioner, heater, defroster, pressurizer
- Alternator, 50A
- Axles, full floating with conventional differentials
- Back-up alarm
- Batteries, 2x12V/200Ah
- Boom kickout, automatic
- Brakes, full hydraulic
- Bucket positioner, automatic
- Cooling fan, blower
- Counterweight, standard 2,820 lb/1280 kg
- Electronic display monitoring system
- Engine key stop
- Engine, 315 hp/2100 rpm Cummins N14 diesel
- Ether starting aid
- Exhaust pipe, curved
- Fan guard
- Fenders, full front and partial rear with steps
- Floor mat
- Hand rails, front, LH and RH
- Horn, electric
- Hydraulic oil cooler
- Hydraulic system, two-stage, automatic power speed
- Ladders (right and left)
- Lifting eyes
- Lights
  - Back-up light (rear)
  - Stop and tail
  - Turn signal with hazard switch (2F, 2R)
  - Working lights in cab, halogen, inside, top windshield mount (2F)
  - Working lights, halogen (2F, high/low beam with indicator, 2R) (outside)
- Parking brake, wet disc
- Rearview mirror, inside cab mount
- ROPS/FOPS canopy
- Seat belt, 3" width
- Seat, suspension, reclining, with armrests (fabric)
- Service brakes, hydraulic, wet multi-disc, axle-by-axle (outboard)
- Speedometer (mph)
- Starting motor, direct electric 24V 11.1 kW
- Steel cab with front and rear washer/wiper, sun visor
- Steering wheel, tiltable, full hydraulic power
- Tires, (29.5/25-22PR (L3), tubeless) and rims (4 each)
- Transmission, full power shift automatic (4F, 4R), soft shift, countershaft
- 2-spool valve for boom and bucket controls with PPC
- Vandalism protection kit



## OPTIONAL EQUIPMENT

- Additional counterweight 2,200 lb/1000 kg
- Automatic greasing
- Auto-tuning AM/FM cassette stereo
- Auxiliary steering
- Bucket teeth (Esco Super V with segmented cutting edges)
- Cutting edge (bolt-on)
- ECSS (Electronically Controlled Suspension System)
- Fuel quick fill, Wiggins
- High pressure inline filter
- Highlift boom, bucket and CWT
- Hydraulic adapter kit
- LSD (Limited-Slip Differential)
- Lubrication system, automatic
- Power train guard
- Stick-steer controls
- Tires (bias ply)
  - 26.5/25-20PR (L3)
  - 26.5/25-20PR (L4)
  - 29.5/25-22PR (L4)
  - 29.5/25-22PR (L5)
- Tires (radial ply)
  - 26.5/R25XHAT 1-Star (L3)
  - 29.5/R25XHAT 1-Star (L3)
  - 26.5/R25XLDD 11-Star (L4)
  - 29.5/R25XLDD2A 1-Star (L5)
  - 29.5/R25XMINE D2 (L5)

# SUPPORT

*Count on Komatsu and your local distributor for the support you deserve. Our success depends on satisfying your need for productive equipment and supporting that equipment. That's why we have one of the largest and strongest heavy-equipment distributor organizations in North America. Their personnel are not only trained to help you select the equipment that is best-matched for your business but to support that equipment.*



**Finance** Through its finance company, Komatsu can offer you a wide variety of financing alternatives designed to meet your needs. Programs include municipal leases for governmental agencies, conditional sales contracts, and leases with \$1 purchase options for customers interested in owning their equipment. Ask your distributor about Komatsu leasing. We offer finance and operating leases and the unique *Advantage Lease* which offers you predetermined purchase, return, and renewal options.



**Parts** Three computer-linked parts distribution centers provide fast access to anywhere in the U.S. and Canada. Most parts are available overnight. Plus, Komatsu distributors keep a large assortment of commonly used parts in stock for immediate access.



**Remanufactured parts** Save money and still have the same warranty as new parts at a fraction of the cost with like-new remanufactured parts.



**Maintenance** Take advantage of the experience we have gained and ask your distributor about our factory-supported programs including: regular scheduled maintenance, oil and wear analysis, diagnostic inspections, undercarriage inspections, training, special service tools, parts programs, and even a special software program to help your distributor keep track of and manage service-related data.

## KOMATSU®

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