

# KOMATSU®

## WA500-6R

**WA**  
**500**

### MÃ LỰC

Gross: 266 kW 357 HP / 1900 vòng/phút

Net: 263 kW 353 HP / 1900 vòng/phút

### TRỌNG LƯỢNG VẬN HÀNH

33150 – 34470 kg

### DUNG TÍCH GẦU

4.3 – 5.6 m<sup>3</sup>



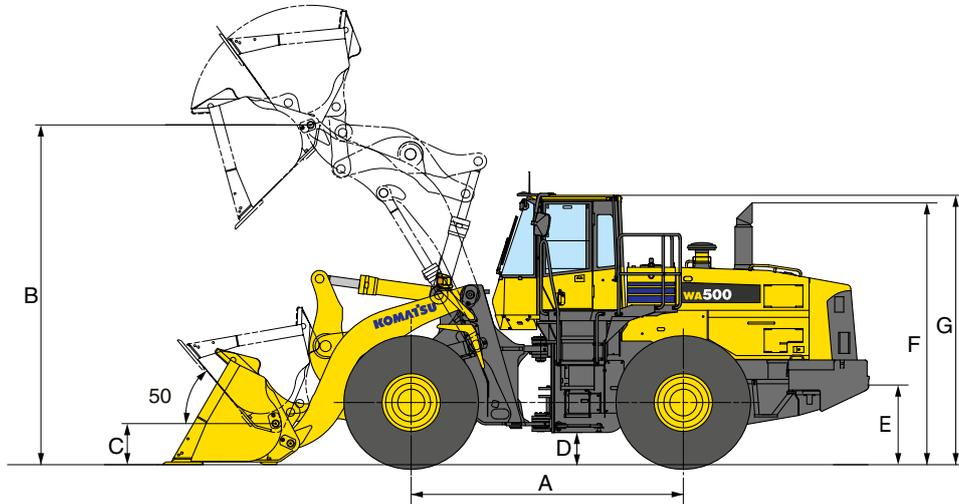
Hình trên đã bao gồm các trang bị tùy chọn.



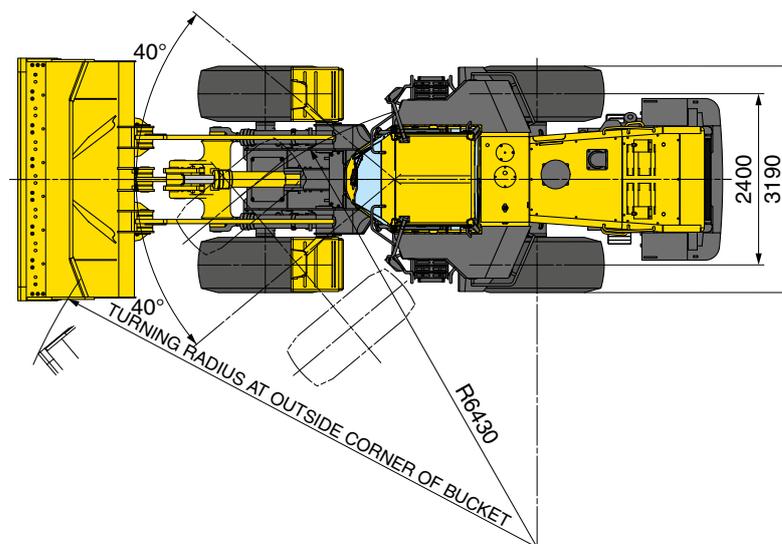


**DIMENSIONS**

Measured with 29.5-25-22PR (L-3) tires



	Standard Boom	High Lift Boom
Tread	2400 mm	
Width over tires	3190 mm	
A Wheelbase	3780 mm	
B Hinge pin height, max. height	4755 mm	5165 mm
C Hinge pin height, carry position	575 mm	700 mm
D Ground clearance	450 mm	
E Hitch height	1115 mm	
F Overall height, top of the stack	3665 mm	
G Overall height, ROPS cab	3785 mm	





## DIMENSIONS

Measured with 29.5-25-22PR (L-3) tires

Standard Boom		Stockpile Bucket		Excavating Bucket			Rock Bucket (Spade nose)	
		B.O.C.	Teeth	B.O.C.	Teeth and Segments	Teeth	Teeth and Segments	Teeth
Bucket capacity:	heaped	5.6 m <sup>3</sup>	5.3 m <sup>3</sup>	5.2 m <sup>3</sup>	5.2 m <sup>3</sup>	5.0 m <sup>3</sup>	5.0 m <sup>3</sup>	4.7 m <sup>3</sup>
	struck	4.8 m <sup>3</sup>	4.5 m <sup>3</sup>	4.2 m <sup>3</sup>	4.2 m <sup>3</sup>	4.0 m <sup>3</sup>	4.2 m <sup>3</sup>	4.0 m <sup>3</sup>
Bucket width		3400 mm	3460 mm	3400 mm	3460 mm	3460 mm	3460 mm	3460 mm
Bucket weight		3110 kg	2955 kg	3055 kg	3145 kg	2900 kg	3745 kg	3490 kg
Dumping clearance, max. height and 45° dump angle*		3295 mm	3165 mm	3395 mm	3265 mm	3265 mm	3030 mm	3030 mm
Reach at max. height and 45° dump angle*		1500 mm	1600 mm	1400 mm	1495 mm	1495 mm	1725 mm	1725 mm
Reach at 2130 mm clearance and 45° dump angle		2300 mm	2340 mm	2215 mm	2285 mm	2285 mm	2400 mm	2400 mm
Reach with arm horizontal and bucket level		3265 mm	3425 mm	3120 mm	3280 mm	3280 mm	3610 mm	3610 mm
Operating height (fully raised)		6430 mm	6430 mm	6415 mm	6415 mm	6415 mm	6630 mm	6630 mm
Overall length		9815 mm	9975 mm	9670 mm	9790 mm	9790 mm	10155 mm	10155 mm
Loader clearance circle (bucket at carry, outside corner of bucket)		15300 mm	15460 mm	15220 mm	15380 mm	15380 mm	15290 mm	15290 mm
Digging depth:	0°	135 mm	155 mm	135 mm	155 mm	155 mm	165 mm	165 mm
	10°	435 mm	485 mm	410 mm	460 mm	460 mm	525 mm	525 mm
Static tipping load:	straight	24300 kg	24500 kg	24450 kg	24340 kg	24655 kg	23700 kg	24020 kg
	40° full turn	21000 kg	21170 kg	21130 kg	21035 kg	21305 kg	20480 kg	20755 kg
Breakout force		245 kN	262 kN	268 kN	274 kN	288 kN	233 kN	243 kN
Operating weight		33360 kg	33205 kg	33305 kg	33395 kg	33150 kg	33995 kg	33740 kg

High Lift Boom		Excavating Bucket		
		B.O.C.	Teeth and Segments	Teeth
Bucket capacity:	heaped	4.5 m <sup>3</sup>	4.5 m <sup>3</sup>	4.3 m <sup>3</sup>
	struck	3.7 m <sup>3</sup>	3.7 m <sup>3</sup>	3.5 m <sup>3</sup>
Bucket width		3400 mm	3460 mm	3460 mm
Bucket weight		2885 kg	2975 kg	2730 kg
Dumping clearance, max. height and 45° dump angle*		3890 mm	3760 mm	3760 mm
Reach at max. height and 45° dump angle*		1435 mm	1530 mm	1530 mm
Reach at 2130 mm clearance and 45° dump angle		2585 mm	2645 mm	2645 mm
Reach with arm horizontal and bucket level		3385 mm	3545 mm	3545 mm
Operating height (fully raised)		6715 mm	6715 mm	6715 mm
Overall length		10030 mm	10190 mm	10190 mm
Loader clearance circle (bucket at carry, outside corner of bucket)		15610 mm	15780 mm	15780 mm
Digging depth:	0°	210 mm	235 mm	235 mm
	10°	470 mm	520 mm	520 mm
Static tipping load:	straight	22405 kg	22290 kg	22595 kg
	40° full turn	19360 kg	19260 kg	19525 kg
Breakout force		286 kN	294 kN	310 kN
Operating weight		34380 kg	34470 kg	34225 kg

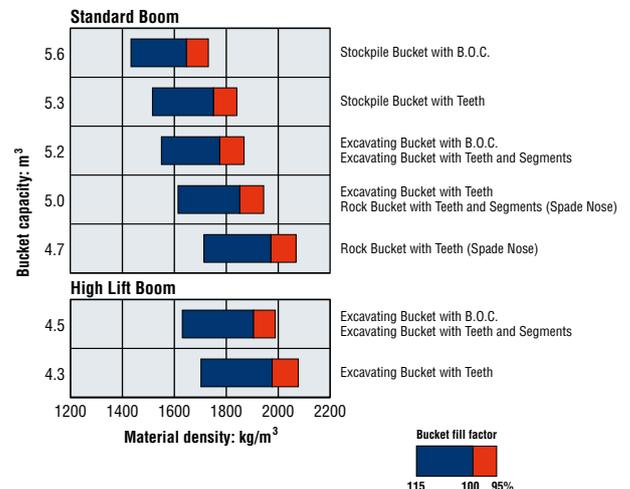
\*At the end of tooth or bolt on cutting edge (B.O.C.).

All dimensions, weights, and performance values based on ISO 7131 and 7546 standards.

Static tipping load and operating weight shown include lubricant, coolant, full fuel tank, ROPS cab, Air conditioner and operator. Machine stability and operating weight affected by counterweight, tire size, and other attachments. Apply the following weight changes to operating weight and static tipping load.



## BUCKET SELECTION GUIDE





**BUCKETS & ATTACHMENTS**

■ **Buckets**

Type	Feature	Image
<b>Stockpile Bucket</b>	This bucket is used for loading stockpile products, such as crushed rock and construction materials.	
<b>Excavating Bucket</b>	This bucket is used for excavating and loading blasted rock on rock crushing job sites, or for excavating natural ground. It has a flat-blade, straight cutting edge, and provides superior rigidity and wear resistance.	
<b>Rock Bucket (Spade nose)</b>	This bucket is used for excavating and loading blasted rock on rock crushing job sites. It has a pointed cutting edge, and provides superior rigidity and wear resistance.	

■ **Cutting Edges and Teeth**

Type	Feature	Image	
<b>Cutting Edges</b>	This edge is made for use in loading loose sand and soil, or for loading stockpiled materials. It is bolted to the leading edge of general purpose buckets and may be detached and reversed. The cutting edges are manufactured from especially heat treated, high tension steel, and since they are reversible, both edges can be used. This effectively doubles their working life.	Bolt on Cutting edges (B.O.C.) 	Segment Edges (SE) 
<b>Teeth (Bolt on type)</b>	These teeth are suitable for loading or excavation of piles of earth or sand, blasted rock, and jobs in the field that involve digging into the side of slopes. The special heat treated, tensile strength steel alloy used in their production assures that they will wear and have a long service life.		
<b>Teeth (Tip type)</b>	These teeth tips which are attached to an adapter that is welded or bolted to the bucket edge. This means that an interchangeable part, the tooth tip, absorbs most of the wear and protects the actual bucket edge. They give excellent performance when used to handle blasted rock, piles of earth and similarly heavy duty tasks.	Welded adapter 	Bolt on adapter 



## WEIGHT / DIMENSIONS

Tires or attachments	Change in operating weight	Change in tipping load straight	Change in tipping load full turn	Width over tires	Ground clearance	Change in vertical dimensions
	kg	kg	kg	mm	mm	mm
29.5-25-22PR (L-3)	0	0	0	3190	450	0
29.5-25-22PR (L-5)	1335	1135	995	3190	450	0
29.5-R25 (L-3)	10	5	5	3190	450	0
Install additional counterweight	900	1865	1645			



## STANDARD EQUIPMENT

### ENGINE/POWER TRAIN:

- Engine, Komatsu SAA6D140E-5 diesel
- Engine pre-cleaner with extension
- Service brakes, wet disc type
- Transmission, 4 forward and 4 reverse

### ELECTRICAL SYSTEM:

- Alternator, 75 A/24 V
- Back-up alarm
- Back-up lamp
- Batteries, 2 x 12 V/170 Ah
- Directional signal
- Engine shut-off system, electric
- Starting motor, 24 V/11.0 kW

### HYDRAULIC SYSTEM:

- 2-spool valve for boom and bucket controls
- Hydraulic-driven fan with reverse rotation
- Lift cylinders and bucket cylinder

### CAB:

- Air conditioner
- Auto shift transmission with mode select system
- Electronic Pilot Control fingertip control levers with automatic leveler and positioner
- Floor mat
- Main monitor panel with Equipment Management Monitoring System
- Rearview mirror for cab
- Rear window washer and wiper
- ROPS/FOPS (ISO 3471/ISO 3449) cab
- Seat, air-suspension type with reclining
- Seat belt
- Steering wheel, tiltable, telescopic
- Sun visor

### WORK EQUIPMENT:

- Counterweight

### OTHER EQUIPMENT:

- Front fender
- Hard water area arrangement (corrosion resister)
- Radiator mask, lattice type
- Rear under view mirror
- Tires (29.5-25-22PR, L-3 tubeless) and rims
- Vandalism protection kit



## OPTIONAL EQUIPMENT

### ENGINE/POWER TRAIN:

- Brake cooling system
- Limited slip differential (F&R)

### ELECTRICAL SYSTEM:

- 12 V converter
- Alternator, 90 A/24 V
- Batteries, 2 x 12 V/220 Ah
- Battery disconnect switch

### HYDRAULIC SYSTEM:

- In-line filter
- Lock-up clutch torque converter

### CAB:

- AM/FM radio
- AM/FM stereo radio cassette
- Cab heater and defroster
- FNR directional change switch
- Joystick steering
- Seat, air suspension with automatic weight adjustment
- Secondary steering (ISO 5010)

### WORK EQUIPMENT:

- Additional counterweight
- Bucket teeth (bolt on type)
- Bucket teeth (tip type)
- Cutting edge (bolt on type)
- High lift boom
- Segmented edges

### OTHER EQUIPMENT:

- Electronically Controlled Suspension System
- Fire extinguisher
- Fuel quick coupler
- Load meter, new type
- Ordinary spare parts
- Power train guard
- Tool kit

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