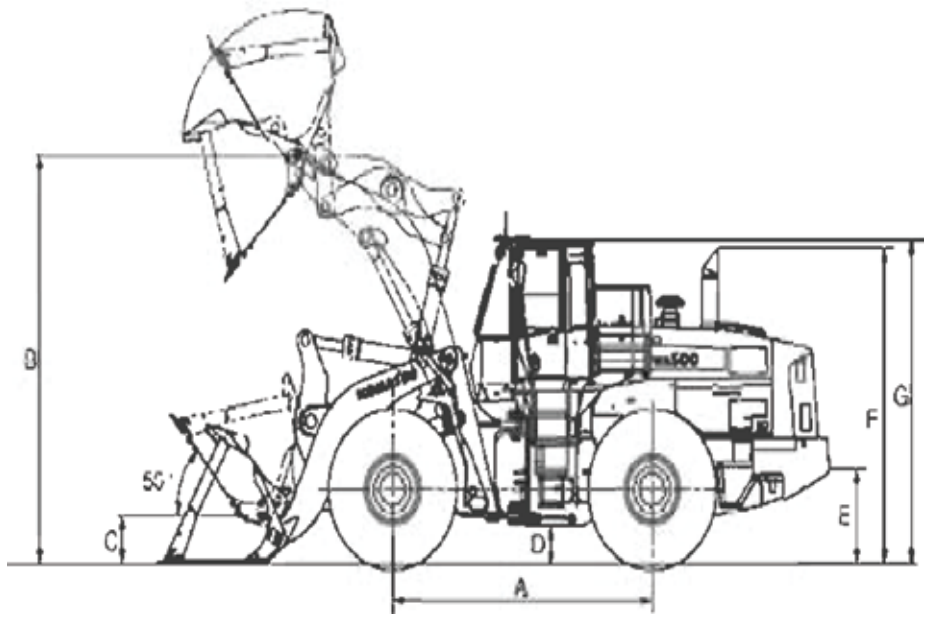


**DIMENSIONS**



**SERVICE REFILL CAPACITIES**

Cooling systems	<b>120 ltr</b>
Fuel Tank	<b>473 ltr</b>
Engine	<b>45 ltr</b>
Hydraulic system	<b>337 ltr</b>
Axle - Front	<b>87 ltr</b>
- Rear	<b>81 ltr</b>
Torque converter and transmission	<b>76 ltr</b>

**ENGINE**

Model	Komatsu SAA6D140E-5
Type	Water-cooled, 4-cycle
Aspiration	Turbocharged, aftercooled, colled EGR
Number of Cylinders	6

**TRANSMISSION**

Torque Converter:	
Type	3 element, single stage, double phase
Transmission:	
Type	Full powershift, planetary type
Travel Speed: km/h mph	
Measured with 29.5-25 tires	

	1st	2nd	3rd	4th
Forward	<b>7.7</b>	<b>12.5</b>	<b>22.3</b>	<b>34.9</b>
Reverse	<b>8.6</b>	<b>13.0</b>	<b>24.8</b>	<b>37.5</b>

**BUCKET SELECTION GUIDE**

Tread	<b>2400 mm</b>
Width over tires	<b>3190 mm</b>
A Wheelbase	<b>3780 mm</b>
B Hinge pin height, max. height	<b>4755 mm</b>
C Hinge pin height, carry position	<b>575 mm</b>
D Ground clearance	<b>450 mm</b>
E Hitch height	<b>1115 mm</b>
F Overall height, top of the stack	<b>3665 mm</b>
G Overall height, RDPS cab	<b>3785 mm</b>

	Standard Boom	
	General Purpose Buckets	Rock Buckets
	Straight edge belt-on cutting edges	Spade nose Teeth and Segments
Bucket capacity: heaped	5.6 m <sup>3</sup>	5.0 m <sup>3</sup>
Struck	4.8 m <sup>3</sup>	4.2 m <sup>3</sup>
Bucket width	3400 mm	3460 mm
Bucket weight	3005 kg	3717 kg
Dumping clearance max height and 45 dump angle*	3295 mm	3030 mm
Reach at max height and 45 dump angle	1500 mm	1725 mm
Reach at 2130 mm (7') clearance and 45 dump angle	2300 mm	2400 mm
Reach with arm horizontal and bucket level	3265 mm	3610 mm
Operating height (fully raised)	6430 mm	6630 mm
Overall length	9815 mm	10155 mm
	7650 mm	7645 mm
Digging depth: 0	135 mm	165 mm
10	435 mm	525 mm
Static tipping load: straight	23450 kg	23055 kg
40 full turn	20400 kg	19320 kg
Breakout force	245 kN 25000 kgf 55,115 lb	233 kN 23800 kgf 52,470 lb
Operating Weight	32150 kg	32850 kg

**56 Wheel Loader**