

# KOMATSU

# WA475-10

Tier 4 Final Engine

**WHEEL LOADER**

# WA475



Photos may include optional equipment.

**NET HORSEPOWER**

290 HP @ 1600 rpm  
216 kW @ 1600 rpm

**OPERATING WEIGHT**

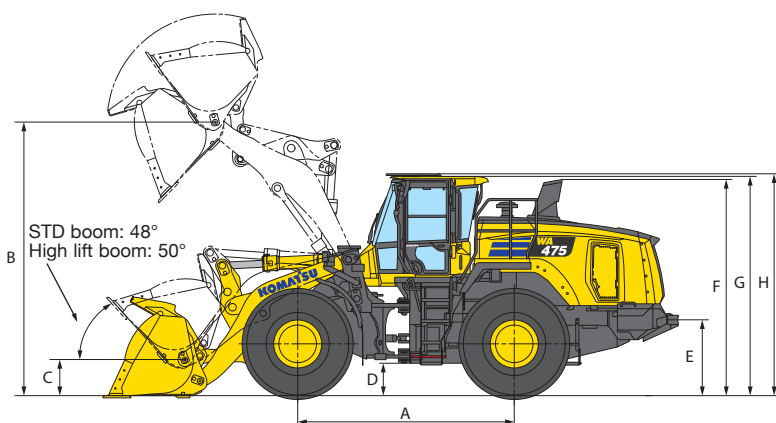
56,240 – 60,400 lb  
25,510 – 27,397 kg

**BUCKET CAPACITY**

5.5 – 6.0 yd<sup>3</sup>  
4.2 – 4.6 m<sup>3</sup>



## DIMENSIONS



Measured with 26.5R25 (L-3) tires, ROPS/FOPS cab

Tread	Standard Boom	2300 mm	7'7"
	High Lift Boom	2314 mm	7'8"
Width over standard tires	Standard Boom	3060 mm	10'
Width over 775/65R29 tires	High Lift Boom	3150 mm	10'4"
A Wheelbase		3450 mm	11'4"
B Hinge pin height, max. height	Standard Boom	4370 mm	14'4"
	High Lift Boom	4870 mm	16'
C Hinge pin height, carry position	Standard Boom	580 mm	1'11"
	High Lift Boom	730 mm	2'4"
D Ground clearance		520 mm	1'8"
E Hitch height	Standard Boom	1200 mm	3'11"
	High Lift Boom	1230 mm	4'
F Overall height, top of the stack		3450 mm	11'4"
G Overall height, ROPS cab		3500 mm	11'5"
H Overall height, top of roof rail		3540 mm	11'8"

	Standard Boom				High Lift Boom
	Stock Pile Bucket	Loose Material Bucket	Yard Loader Bucket	Light Material Bucket	Excavating Bucket
	Bolt-on Cutting Edge	Bolt-on Cutting Edge	Bolt-on Cutting Edge	Bolt-on Cutting Edge	Bolt-on Cutting Edge
Bucket capacity: heaped	4.2 m <sup>3</sup> 5.5 yd <sup>3</sup>	4.4 m <sup>3</sup> 5.8 yd <sup>3</sup>	4.6 m <sup>3</sup> 6.0 yd <sup>3</sup>	5.2 m <sup>3</sup> 6.8 yd <sup>3</sup>	3.8 m <sup>3</sup> 5.0 yd <sup>3</sup>
struck	3.6 m <sup>3</sup> 4.7 yd <sup>3</sup>	3.9 m <sup>3</sup> 5.1 yd <sup>3</sup>	4.0 m <sup>3</sup> 5.2 yd <sup>3</sup>	4.5 m <sup>3</sup> 5.9 yd <sup>3</sup>	3.2 m <sup>3</sup> 4.2 yd <sup>3</sup>
Bucket width *with bucket side guard	3170 mm 10'5"	3170 mm 10'5"	3185 mm* 10'6"	3185 mm* 10'6"	3185 mm* 10'6"
Bucket weight	2196 kg 4,841 lb	2290 kg 5,048 lb	2369 kg 5,223 lb	2475 kg 5,456 lb	2108 kg 4,647 lb
H Dumping clearance, max. height and 45° dump angle*	3075 mm 10'1"	3045 mm 10'0"	3010 mm 9'11"	2925 mm 9'7"	3645 mm 12'0"
I Reach at max. height and 45° dump angle*	1350 mm 4'5"	1380 mm 4'6"	1410 mm 4'8"	1495 mm 4'11"	1460 mm 4'9"
J Reach at 2130 mm 7' clearance and 45° dump angle*	2020 mm 6'7"	2035 mm 6'8"	2045 mm 6'9"	2090 mm 6'10"	2510 mm 8'3"
K Reach with arm horizontal and bucket level*	2935 mm 9'70"	2975 mm 9'9"	3015 mm 9'10"	3135 mm 10'0"	3330 mm 10'11"
L Operating height (fully raised)	6090 mm 19'11"	6135 mm 20'1"	6170 mm 20'3"	6270 mm 20'7"	6520 mm 21'4"
M Overall length (bucket on ground)	9185 mm 30'2"	9225 mm 30'3"	9275 mm 30'5"	9395 mm 30'10"	9705 mm 31'10"
Loader clearance circle (bucket at carry, outside corner of bucket)	15380 mm 50'5"	15400 mm 50'6"	15430 mm 50'7"	15500 mm 50'10"	15835 mm 51'11"
Digging depth: 0°	105 mm 4.1"	105 mm 4.1"	105 mm 4.1"	105 mm 4.1"	230 mm 9"
10°	375 mm 1'3"	380 mm 1'3"	385 mm 1'3"	405 mm 1'4"	480 mm 1'7"
Static tipping load: straight	20540 kg 45,283 lb	20190 kg 44,511 lb	22310 kg 49,185 lb	22030 kg 48,568 lb	18100 kg 39,820 lb
40° full turn	17770 kg 39,176 lb	17455 kg 38,481 lb	19250 kg 42,439 lb	19000 kg 41,888 lb	15530 kg 34,238 lb
Breakout force	197.2 kN 20110 kgf 44,332 lb	190 kN 19430 kgf 42,713 lb	184 kN 18800 kgf 41,455 lb	171 kN 17450 kgf 38,465 lb	206 kN 21049 kgf 46,405 lb
Operating weight	25510 kg 56,239 lb	25600 kg 56,438 lb	27310 kg 60,208 lb	27420 kg 60,451 lb	27560 kg 60,759 lb
Equipped with 775/65R29 tires	No	No	Yes	Yes	Yes

\* At the end of tooth or B.O.C.E.

All dimensions, weights, and performance values based on SAE J732c and J742b standards.

Static tipping load and operating weight shown include lubricant, coolant, full fuel tank, ROPS cab, 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.