

# Specifications

## ENGINE

Model .....	Komatsu SAA4D107E-1
Type.....	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed .....	2.200 rpm
ISO 14396 .....	90,0 kW/121 HP
ISO 9249 (net engine power) .....	86,0 kW/115 HP
No. of cylinders .....	4
Bore × stroke.....	107 × 124 mm
Displacement.....	4,5 ltr
Batteries .....	2 × 12 V/120 Ah
Alternator .....	24 V/60 A
Starter motor .....	24 V/4,5 kW
Air filter type .....	Double element type with monitor panel dust indicator and auto dust evacuator
Cooling .....	Suction type cooling fan

## HYDRAULIC SYSTEM

Type.....	HydrauMind. Closed-centre system with load sensing and pressure compensation valves
Additional circuits.....	Depending on the specification up to 2 additional proportional control & quick coupler circuits can be installed
Main pump .....	Variable displacement piston pump supplying boom, arm, bucket, swing and travel circuits
Maximum pump flow.....	252 ltr/min
Relief valve settings	
Implement .....	380 bar
Travel.....	380 bar
Swing.....	280 bar
Pilot circuit.....	37 bar

## BRAKE SYSTEM

Type.....	Dual circuit hydraulic braking system supplied from a separate gear pump.
Service brakes.....	Pedal actuated wet multi-disc brakes integrated into the axle hubs.
Parking brake .....	Electrically actuated wet multi-disc “spring actuation hydraulic release” brake integrated into the transmission.

## ENVIRONMENT

Engine emissions .....	Fully complies with EU Stage IIIA and EPA Tier III exhaust emission regulations
Noise levels	
LwA external .....	101 dB(A) (2000/14/EC Stage II)
LpA operator ear.....	70 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)*	
Hand/arm.....	≤ 2,5 m/s <sup>2</sup> (uncertainty K = 0,34 m/s <sup>2</sup> )
Body .....	≤ 0,5 m/s <sup>2</sup> (uncertainty K = 0,16 m/s <sup>2</sup> )

\* for the purpose of risk assessment under directive 2002/44/EC, please refer to ISO/TR 25398:2006.

## SWING SYSTEM

Type.....	Axial piston motor driving through planetary double reduction gearbox
Swing lock .....	Electrically actuated wet multi-disc brake integrated into swing motor
Swing speed.....	0 - 11 rpm
Swing torque .....	31 kNm

## TRANSMISSION

Type.....	Fully automatic power shift transmission with permanent 4 wheel drive
Travel motors.....	One variable displacement axial piston motor
Maximum pressure.....	380 bar
Travel modes .....	Automatic + 3 travel modes
Max. travel speeds	
Hi / Lo / Creep .....	35,0 / 9,0 / 2,5 km/h
A max. speed restriction of 20 km/h is available as an option.	
Maximum drawbar pull.....	8.900 kg
Axle oscillation .....	10° Lockable in any position from the operator cab.

## STEERING SYSTEM

Steering control .....	Hydraulic steering system supplied from a separate gear pump and controlled through LS orbitrol & priority valves.
Minimum turning radius.....	6.450 mm (to center of outer wheel)

## SERVICE REFILL CAPACITIES

Fuel tank.....	275 ltr
Radiator .....	16 ltr
Engine oil.....	17 ltr
Swing drive.....	2,5 ltr
Hydraulic tank .....	123 ltr
Transmission.....	4,85 ltr
Front differential .....	10,5 ltr
Rear differential .....	9,5 ltr
Front axle hub .....	2,5 ltr
Rear axle hub .....	2,0 ltr
Swing pinion grease bath amount.....	10,5 ltr

## OPERATING WEIGHT (APPR.)

Undercarriage attachment type	Mono boom	Two-piece boom
Without	13.220 kg	13.600 kg
Rear blade	13.810 kg	14.190 kg
Rear outrigger	14.310 kg	14.660 kg
2 outriggers + blade	14.895 kg	15.250 kg
4 outriggers	15.400 kg	15.750 kg

Operating weight, including specified work equipment, 2.500 mm arm, operator, lubricant, coolant, full fuel tank and the standard equipment. Weights are without bucket.

## MAX. BUCKET CAPACITY AND WEIGHT

Arm length	Mono boom		
	2,1 m	2,5 m	3,0 m
Material weight up to 1,2 t/m <sup>3</sup>	0,86 m <sup>3</sup> 600 kg	0,80 m <sup>3</sup> 550 kg	0,68 m <sup>3</sup> 500 kg
Material weight up to 1,5 t/m <sup>3</sup>	0,73 m <sup>3</sup> 525 kg	0,68 m <sup>3</sup> 500 kg	0,58 m <sup>3</sup> 450 kg
Material weight up to 1,8 t/m <sup>3</sup>	0,63 m <sup>3</sup> 475 kg	0,50 m <sup>3</sup> 450 kg	0,50 m <sup>3</sup> 425 kg

Arm length	Two-piece boom		
	2,1 m	2,5 m	3,0 m
Material weight up to 1,2 t/m <sup>3</sup>	0,77 m <sup>3</sup> 550 kg	0,71 m <sup>3</sup> 525 kg	0,62 m <sup>3</sup> 475 kg
Material weight up to 1,5 t/m <sup>3</sup>	0,65 m <sup>3</sup> 500 kg	0,60 m <sup>3</sup> 475 kg	0,53 m <sup>3</sup> 425 kg
Material weight up to 1,8 t/m <sup>3</sup>	0,57 m <sup>3</sup> 450 kg	0,52 m <sup>3</sup> 425 kg	0,45 m <sup>3</sup> 400 kg

Max. capacity and weight have been calculated according to ISO 10567:2007.

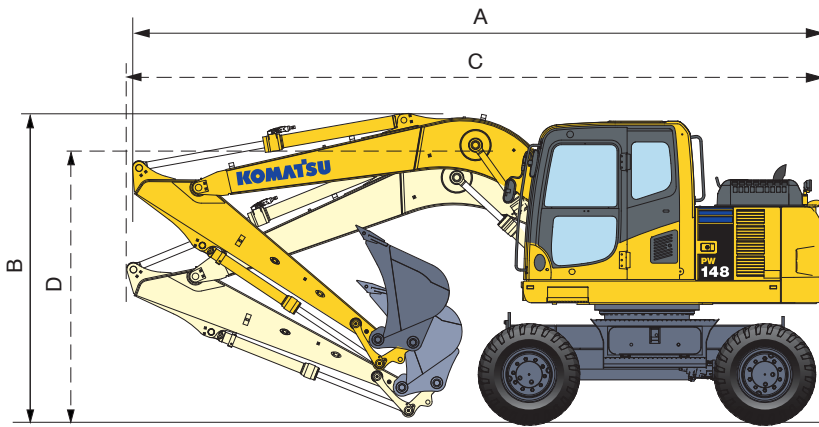
Please consult with your distributor for the correct selection of buckets and attachments to suit the application.

## BUCKET AND ARM FORCE

Arm length	2,1 m	2,5 m	3,0 m
Bucket digging force	86 kN	86 kN	86 kN
Bucket digging force at PowerMax	93 kN	93 kN	93 kN
Arm crowd force	74 kN	62 kN	52 kN
Arm crowd force at PowerMax	80 kN	67 kN	56 kN

# Dimensions

## MONO BOOM



### Driving position

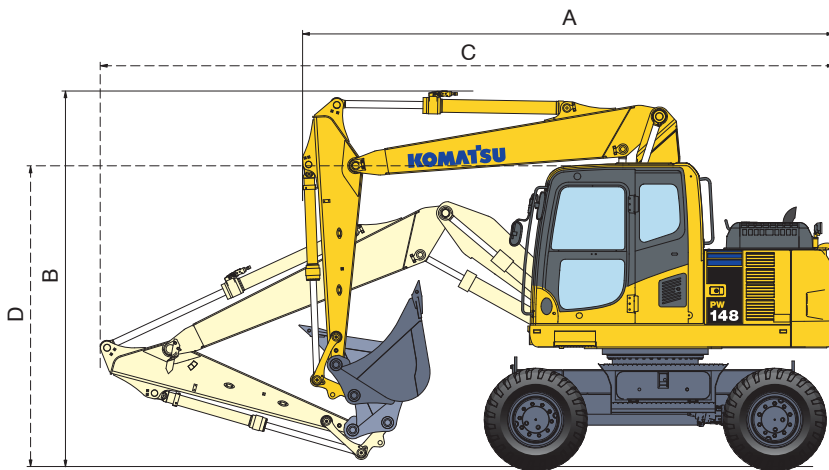
Arm length	A	B
2.100 mm	7.120 mm	3.680 mm
2.500 mm	7.120 mm	3.680 mm
3.000 mm *	7.160 mm	3.680 mm

### Transport position

Arm length	C	D
2.100 mm	7.370 mm	2.850 mm
2.500 mm	7.375 mm	2.945 mm
3.000 mm	7.395 mm	3.225 mm

\* Driving position without bucket

## TWO-PIECE BOOM



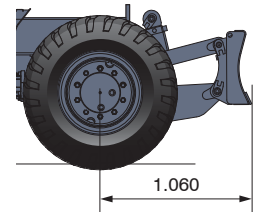
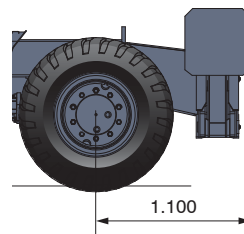
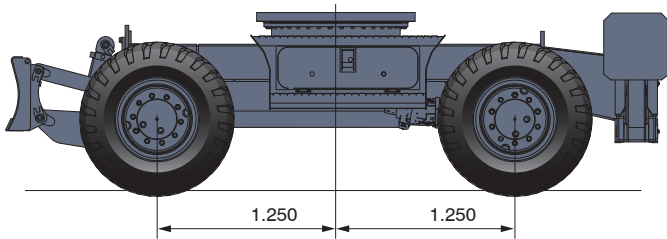
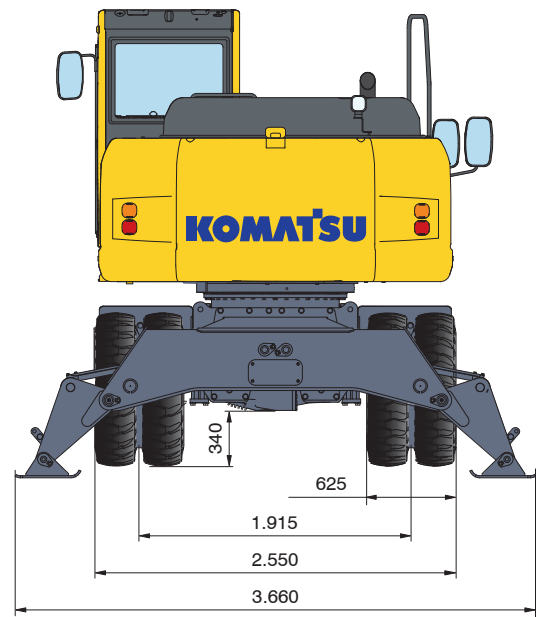
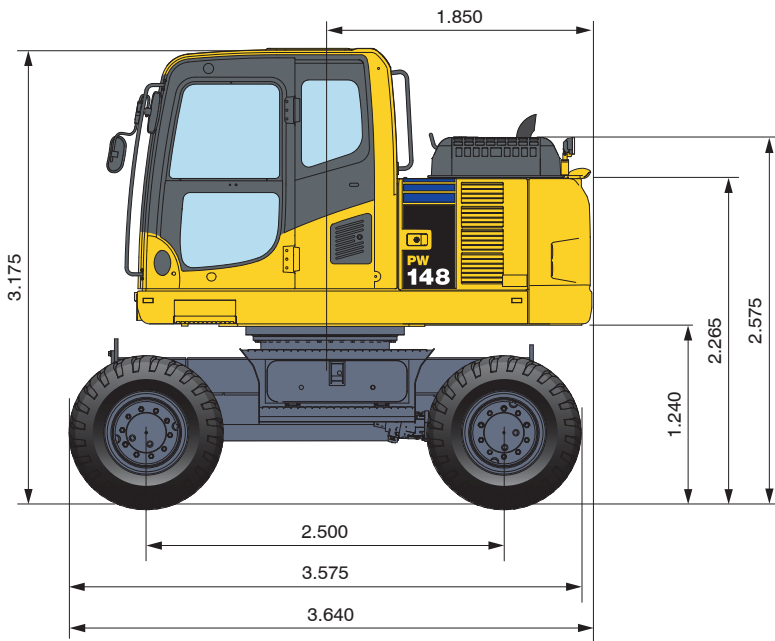
### Driving position

Arm length	A	B
2.100 mm	5.545 mm	3.910 mm
2.500 mm	5.545 mm	3.910 mm
3.000 mm *	5.545 mm	3.910 mm

### Transport position

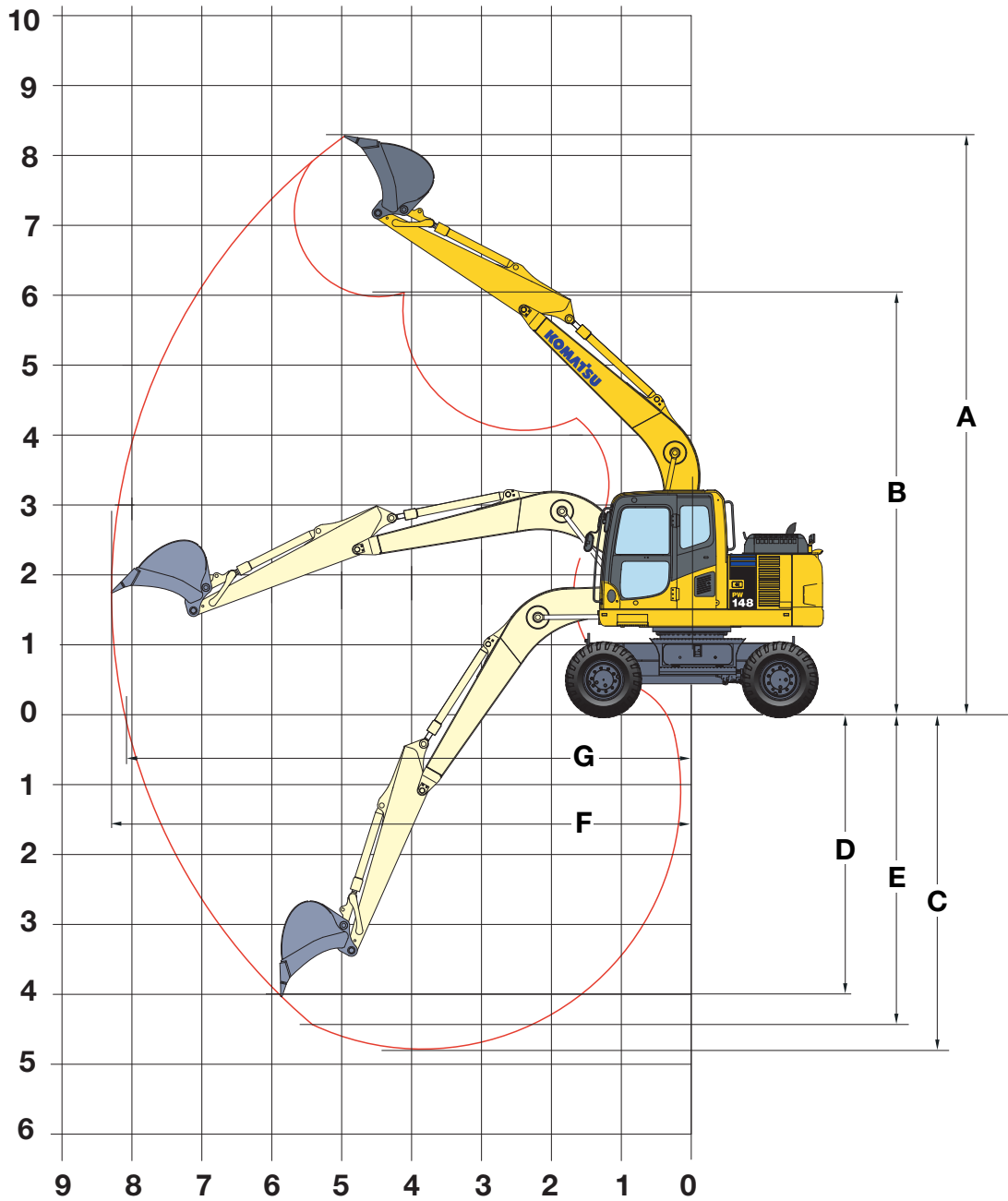
Arm length	C	D
2.100 mm	7.690 mm	3.155 mm
2.500 mm	7.690 mm	3.155 mm
3.000 mm	7.690 mm	3.155 mm

\* Driving position without bucket



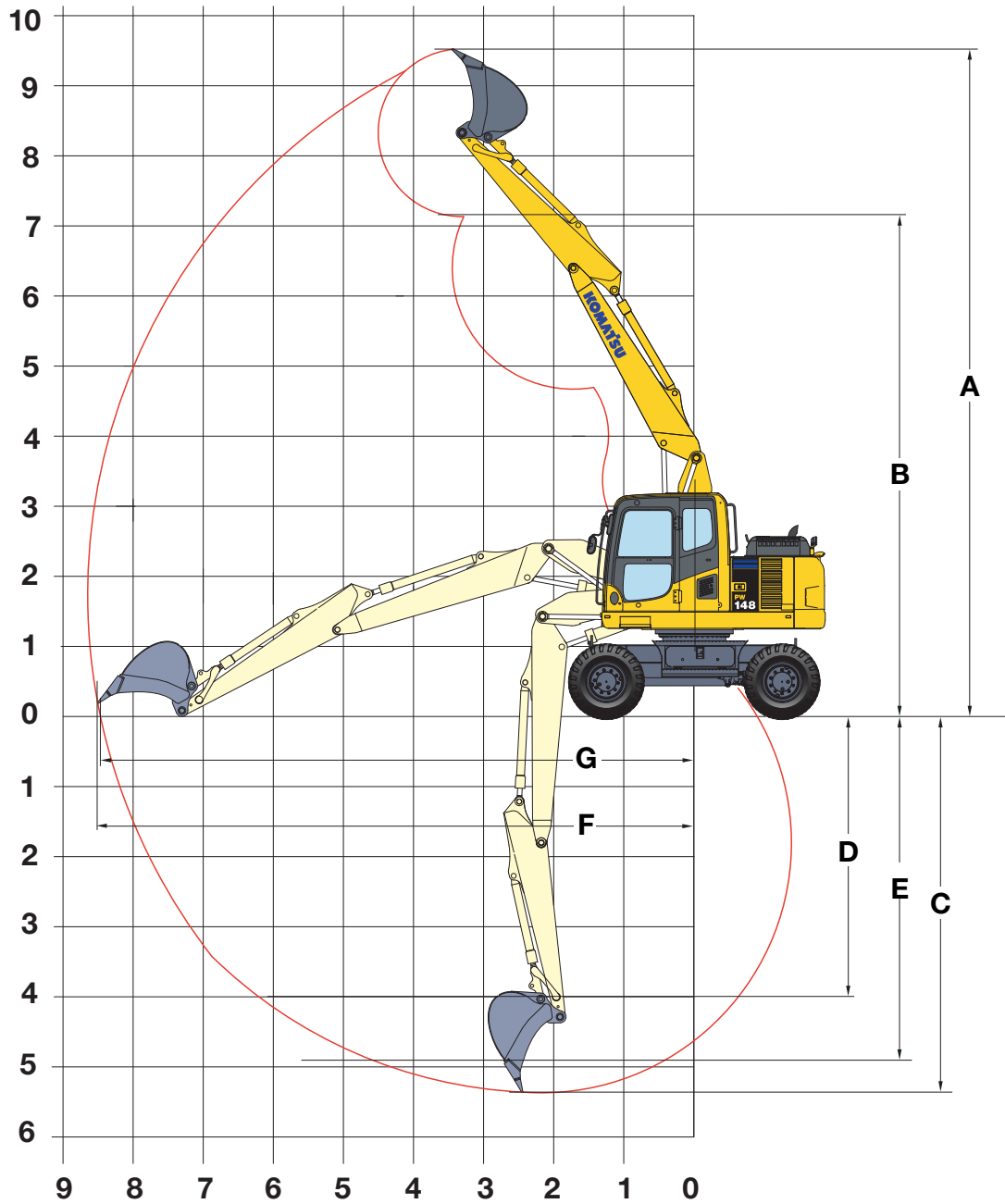
# Working Range

## MONO BOOM



ARM LENGTH	2.100 mm	2.500 mm	3.000 mm
A Max. digging height	7.980 mm	8.270 mm	8.703 mm
B Max. dumping height	5.731 mm	6.020 mm	6.449 mm
C Max. digging depth	4.462 mm	4.860 mm	5.362 mm
D Max. vertical wall digging depth	3.630 mm	4.005 mm	4.470 mm
E Max. digging depth of cut for 2,44 m level	4.025 mm	4.570 mm	4.955 mm
F Max. digging reach	7.928 mm	8.290 mm	8.775 mm
G Max. digging reach at ground level	7.740 mm	8.140 mm	8.640 mm
Min. swing radius	2.965 mm	2.910 mm	2.925 mm












## TWO-PIECE BOOM

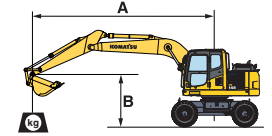





ARM LENGTH	2.100 mm	2.500 mm	3.000 mm
A Max. digging height	9.228 mm	9.518 mm	9.951 mm
B Max. dumping height	6.844 mm	7.133 mm	7.562 mm
C Max. digging depth	4.845 mm	5.245 mm	5.745 mm
D Max. vertical wall digging depth	3.555 mm	4.000 mm	4.495 mm
E Max. digging depth of cut for 2,44 m level	4.515 mm	4.935 mm	5.460 mm
F Max. digging reach	8.268 mm	8.681 mm	9.000 mm
G Max. digging reach at ground level	7.740 mm	8.140 mm	8.640 mm
Min. swing radius	2.590 mm	2.670 mm	2.864 mm

# Lifting Capacity

## MONO BOOM

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 m				
												
 Without stabilizer	2,1 m	7,5 m kg										
		6,0 m kg	*2.350	2.150								
		4,5 m kg	2.100	1.550		2.400	1.800	4.000	3.050			
		3,0 m kg	1.800	1.300		2.300	1.700	3.750	2.750	7.550	5.450	
		1,5 m kg	1.700	1.200		2.200	1.600	3.500	2.500	*7.750	4.300	
		0,0 m kg	1.750	1.250		2.100	1.500	3.300	2.150	*7.250	4.050	
		- 1,5 m kg	2.000	1.450		2.100	1.500	3.250	2.350	*6.250	3.950	
		- 3,0 m kg	2.800	2.050				3.350	2.400	*5.650	4.600	
	2,5 m	7,5 m kg										
		6,0 m kg	*1.900	1.850								
		4,5 m kg	*1.800	1.400		2.400	1.800					
		3,0 m kg	1.600	1.150		2.350	1.750	3.850	2.850	*7.250	5.700	
		1,5 m kg	1.550	1.100		2.200	1.600	3.550	2.550	*8.300	4.400	
		0,0 m kg	1.550	1.100		2.100	1.500	3.300	2.200	*7.250	4.050	
		- 1,5 m kg	1.800	1.250		2.050	1.450	3.250	2.300	*6.200	3.950	
		- 3,0 m kg	2.400	1.700				3.250	2.350	6.500	4.500	
	3,0 m	7,5 m kg										
		6,0 m kg	*1.600	1.500		2.450	1.850					
		4,5 m kg	*1.550	1.150		2.450	1.850					
		3,0 m kg	1.400	1.000	1.500	1.050	2.350	1.700	3.850	2.850		
		1,5 m kg	1.300	900	1.450	1.000	2.200	1.600	3.550	2.550	7.050	4.550
		0,0 m kg	1.350	900	1.400	950	2.050	1.450	3.200	1.650	*7.500	4.050
		- 1,5 m kg	1.500	1.050		2.000	1.400	3.000	2.200	5.650	3.850	
		- 3,0 m kg	1.900	1.350		2.000	1.400	3.150	2.200	6.300	4.350	
 Front or rear blade	2,1 m	7,5 m kg										
		6,0 m kg	*2.350	*2.350								
		4,5 m kg	*2.200	1.750		*3.800	2.000	*4.550	3.400			
		3,0 m kg	*2.250	1.500		*4.150	1.900	*5.150	3.150	*8.000	6.100	
		1,5 m kg	*2.450	1.400		*4.450	1.800	*6.050	2.900	*7.750	5.250	
		0,0 m kg	*2.900	1.450		*4.450	1.750	*6.150	2.700	*7.250	5.000	
		- 1,5 m kg	*3.550	1.650		*3.800	1.700	*5.600	2.650	*6.250	5.000	
		- 3,0 m kg	*3.100	2.300				*3.850	2.750	*5.650	5.250	
	2,5 m	7,5 m kg										
		6,0 m kg	*1.900	*1.900								
		4,5 m kg	*1.800	1.550		*3.700	2.050					
		3,0 m kg	*1.850	1.350		*3.950	1.950	*4.850	3.200	*7.250	6.350	
		1,5 m kg	*2.000	1.250		*4.350	1.800	*5.850	2.900	*8.300	5.400	
		0,0 m kg	*2.300	1.300		*4.450	1.700	*6.100	2.700	*7.250	5.050	
		- 1,5 m kg	*2.950	1.450		*4.050	1.700	*5.850	2.650	*6.200	5.000	
		- 3,0 m kg	*3.100	1.950				*4.500	2.650	*6.500	5.150	
	3,0 m	7,5 m kg										
		6,0 m kg	*1.600	*1.600		*2.700	2.050					
		4,5 m kg	*1.550	1.300		*3.350	2.050					
		3,0 m kg	*1.550	1.150	*2.400	1.200	*3.650	1.950	*4.400	3.250		
		1,5 m kg	*1.650	1.050	*2.950	1.150	*4.150	1.800	*5.500	2.950	*9.550	5.100
		0,0 m kg	*1.900	1.100	*2.650	1.100	*4.350	1.650	*5.950	2.650	*7.500	4.650
		- 1,5 m kg	*2.350	1.200			*4.200	1.600	*5.800	2.550	*5.850	4.400
		- 3,0 m kg	*2.900	1.550			*3.200	1.600	*4.950	2.550	*6.600	4.950
 Rear outrigger	2,1 m	7,5 m kg										
		6,0 m kg	*2.350	*2.350								
		4,5 m kg	*2.200	*2.200		*3.800	2.550	*4.550	4.250			
		3,0 m kg	*2.250	1.900		*4.150	2.450	*5.150	4.000	*8.000	*8.000	
		1,5 m kg	*2.450	1.800		*4.450	2.350	*6.050	3.750	*7.750	*7.750	
		0,0 m kg	*2.900	1.900		*4.450	2.250	*6.150	3.550	*7.250	*7.250	
		- 1,5 m kg	*3.550	2.150		*3.800	2.250	*5.600	3.500	*6.250	*6.250	
		- 3,0 m kg	*3.100	3.000				*3.850	3.550	*5.650	*5.650	
	2,5 m	7,5 m kg										
		6,0 m kg	*1.900	*1.900								
		4,5 m kg	*1.800	*1.800		*3.700	2.600					
		3,0 m kg	*1.850	1.750		*3.950	2.500	*4.850	4.050	*7.250	*7.250	
		1,5 m kg	*2.000	1.650		*4.350	2.350	*5.850	3.750	*8.300	*8.300	
		0,0 m kg	*2.300	1.700		*4.450	2.250	*6.100	3.550	*7.250	*7.250	
		- 1,5 m kg	*2.950	1.900		*4.050	2.200	*5.850	3.450	*6.200	*6.200	
		- 3,0 m kg	*3.100	2.550				*4.500	3.500	*6.500	*6.500	
	3,0 m	7,5 m kg										
		6,0 m kg	*1.600	*1.600		*2.700	2.600					
		4,5 m kg	*1.550	*1.550		*3.350	2.650					
		3,0 m kg	*1.550	1.500	*2.400	1.600	*3.650	2.500	*4.400	4.100		
		1,5 m kg	*1.650	1.400	*2.950	1.550	*4.150	2.350	*5.500	3.800	*9.550	6.850
		0,0 m kg	*1.900	1.450	*2.650	1.500	*4.350	2.200	*5.950	3.500	*7.500	*7.500
		- 1,5 m kg	*2.350	1.600			*4.200	2.150	*5.800	3.350	*5.850	*5.850
		- 3,0 m kg	*2.900	2.050			*3.200	2.150	*4.950	3.350	*6.600	*6.600











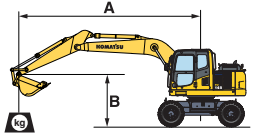





- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket (440 kg), bucket linkage (84 kg) and bucket cylinder (96 kg)
-  – Rating over front
-  – Rating over side
-  – Rating at maximum reach

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights.

\* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.











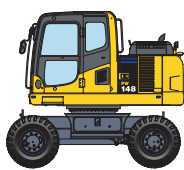


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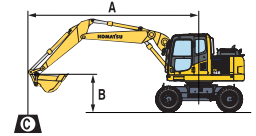
Arm length	A B	7,5 m		6,0 m		4,5 m		3,0 m				
												
 <p>Outrigger + blade</p>	2,1 m	7,5 m kg										
		6,0 m kg	*2.350	*2.350								
		4,5 m kg	*2.200	*2.200		*3.800	3.050	*4.550	*4.550			
		3,0 m kg	*2.250	*2.250		*4.150	2.950	*5.150	4.800	*8.000 *8.000		
		1,5 m kg	*2.450	2.200		*4.450	2.850	*6.050	4.500	*7.750 *7.750		
		0,0 m kg	*2.900	2.300		*4.450	2.750	*6.150	4.300	*7.250 *7.250		
	2,5 m	- 1,5 m kg	*3.550	2.650		*3.800	2.750	*5.600	4.250	*6.250 *6.250		
		- 3,0 m kg	*3.100	*3.100				*3.850	*3.850	*5.650 *5.650		
		7,5 m kg										
		6,0 m kg	*1.900	*1.900								
		4,5 m kg	*1.800	*1.800		*3.700	3.100					
		3,0 m kg	*1.850	*1.850		*3.950	3.000	*4.850	4.850	*7.250 *7.250		
	3,0 m	1,5 m kg	*2.000	*2.000		*4.350	2.850	*5.850	4.550	*8.300 *8.300		
		0,0 m kg	*2.300	2.100		*4.450	2.750	*6.100	4.300	*7.250 *7.250		
		- 1,5 m kg	*2.950	2.350		*4.050	2.700	*5.850	4.250	*6.200 *6.200		
		- 3,0 m kg	*3.100	3.100				*4.500	4.250	*6.500 *6.500		
		7,5 m kg										
		6,0 m kg	*1.600	*1.600		*2.700	*2.700					
	 <p>Outrigger front + rear</p>	2,1 m	4,5 m kg	*1.550	*1.550		*3.350	3.100				
			3,0 m kg	*1.550	*1.550	*2.400	1.950	*3.650	3.000	*4.400	*4.400	
			1,5 m kg	*1.650	*1.650	*2.950	1.900	*4.150	2.850	*5.500	4.550	*9.550 *9.550
			0,0 m kg	*1.900	1.800	*2.650	1.850	*4.350	2.700	*5.950	4.300	*7.500 *7.500
			- 1,5 m kg	*2.350	2.000			*4.200	2.600	*5.800	4.150	*5.850 *5.850
			- 3,0 m kg	*2.900	2.550			*3.200	2.650	*4.950	4.150	*6.600 *6.600
2,5 m		7,5 m kg										
		6,0 m kg	*1.600	*1.600			*2.700	*2.700				
		4,5 m kg	*1.800	*1.800			*3.700	*3.700				
		3,0 m kg	*1.850	*1.850			*3.950	3.900	*4.850	*4.850	*7.250 *7.250	
		1,5 m kg	*2.000	*2.000			*4.350	3.750	*5.850	*5.850	*8.300 *8.300	
		0,0 m kg	*2.300	*2.300			*4.450	3.650	*6.100	5.850	*7.250 *7.250	
3,0 m	- 1,5 m kg	*2.950	*2.950			*4.050	3.600	*5.850	5.750	*6.200 *6.200		
	- 3,0 m kg	*3.100	*3.100					*4.500	*4.500	*6.500 *6.500		
	7,5 m kg											
	6,0 m kg	*1.600	*1.600			*2.700	*2.700					
	4,5 m kg	*1.550	*1.550			*3.350	*3.350					
	3,0 m kg	*1.550	*1.550	*2.400	*2.400	*3.650	*3.650	*4.400	*4.400			
 <p>A – Reach from swing center B – Bucket hook height C – Lifting capacities, including bucket (440 kg), bucket linkage (84 kg) and bucket cylinder (96 kg)</p> <p> – Rating over front  – Rating over side  – Rating at maximum reach</p> <p>When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights.</p> <p>* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.</p>	2,1 m	1,5 m kg	*2.450	*2.450		*4.450	3.750	*6.050	6.050	*7.750 *7.750		
		0,0 m kg	*2.900	*2.900			*4.450	3.650	*6.150	5.800	*7.250 *7.250	
		- 1,5 m kg	*3.550	3.500			*3.800	3.600	*5.600	*5.600	*6.250 *6.250	
		- 3,0 m kg	*3.100	*3.100					*3.850	*3.850	*5.650 *5.650	
		7,5 m kg										
		6,0 m kg	*2.350	*2.350								
	2,5 m	4,5 m kg	*2.200	*2.200			*3.800	*3.800	*4.550	*4.550		
		3,0 m kg	*2.250	*2.250			*4.150	3.850	*5.150	*5.150	*8.000 *8.000	
		1,5 m kg	*2.450	*2.450			*4.450	3.750	*6.050	6.050	*7.750 *7.750	
		0,0 m kg	*2.900	*2.900			*4.450	3.650	*6.150	5.800	*7.250 *7.250	
		- 1,5 m kg	*3.550	3.500			*3.800	3.600	*5.600	*5.600	*6.250 *6.250	
		- 3,0 m kg	*3.100	*3.100					*3.850	*3.850	*5.650 *5.650	
3,0 m	7,5 m kg											
	6,0 m kg	*1.600	*1.600			*2.700	*2.700					
	4,5 m kg	*1.550	*1.550			*3.350	*3.350					
	3,0 m kg	*1.550	*1.550	*2.400	*2.400	*3.650	*3.650	*4.400	*4.400			
	1,5 m kg	*1.650	*1.650	*2.950	2.550	*4.150	3.750	*5.500	*5.500	*9.550 *9.550		
	0,0 m kg	*1.900	*1.900	*2.650	2.500	*4.350	3.600	*5.950	5.800	*7.500 *7.500		
- 1,5 m kg	*2.350	*2.350			*4.200	3.500	*5.800	5.650	*5.850 *5.850			
- 3,0 m kg	*2.900	*2.900			*3.200	*3.200	*4.950	*4.950	*6.600 *6.600			






# Lifting Capacity

## TWO-PIECE BOOM

Arm length	A	B		7,5 m		6,0 m		4,5 m		3,0 m			
													
 Without stabilizer	2,1 m	7,5 m	kg	*2.300	*2.300			*3.650	3.450				
		6,0 m	kg	*1.900	1.800		3.050	2.050	*4.200	3.550			
		4,5 m	kg	*1.800	1.400		3.000	2.050	4.950	3.400	*5.000	*5.000	
		3,0 m	kg	*1.800	1.250	1.950	1.250	2.900	1.950	4.700	3.150		
		1,5 m	kg	1.850	1.150	1.900	1.200	2.800	1.850	4.400	2.900		
		0,0 m	kg	1.900	1.200			2.700	1.750	4.250	2.750		
	2,5 m	- 1,5 m	kg	2.150	1.400			2.650	1.750	4.200	2.700	*7.400	5.100
		- 3,0 m	kg							4.250	2.750		
		7,5 m	kg	*1.750	*1.750					*3.350	*3.350		
		6,0 m	kg	*1.500	*1.500			3.050	2.100	*3.450	*3.450		
		4,5 m	kg	*1.400	1.200	*1.750	1.250	3.000	2.050	*4.000	3.450	*3.500	*3.500
		3,0 m	kg	*1.400	1.050	1.950	1.250	2.900	1.950	4.700	3.150		
	3,0 m	1,5 m	kg	*1.500	1.000	1.850	1.200	2.750	1.800	4.350	2.850		
		0,0 m	kg	*1.650	1.050	1.800	1.150	2.650	1.700	4.150	2.650	*4.050	4.050
		- 1,5 m	kg	1.900	1.200			2.600	1.650	4.100	2.600	*6.900	4.950
		- 3,0 m	kg					2.650	1.700	4.150	2.650		
		7,5 m	kg	*1.400	*1.400			*2.050	*2.050	*2.850	*2.850		
		6,0 m	kg	*1.200	*1.200			*2.800	2.150	*2.700	*2.700		
 Front or rear blade	2,1 m	7,5 m	kg	*2.300	*2.300			*3.650	*3.650				
		6,0 m	kg	*1.900	*1.900			*3.250	2.300	*4.200	3.900		
		4,5 m	kg	*1.800	1.600			*4.550	2.300	*5.100	3.750	*5.000	*5.000
		3,0 m	kg	*1.800	1.400	*2.400	1.450	*5.300	2.200	*6.900	3.500		
		1,5 m	kg	*1.900	1.350	*3.250	1.400	*5.700	2.050	*7.900	3.200		
		0,0 m	kg	*2.100	1.400			*5.800	2.000	*8.050	3.050		
	2,5 m	- 1,5 m	kg	*2.600	1.550			*5.300	1.950	*7.400	3.050	*7.400	5.750
		- 3,0 m	kg							*5.700	3.100		
		7,5 m	kg	*1.750	*1.750					*3.350	*3.350		
		6,0 m	kg	*1.500	*1.500			*3.150	2.300	*3.450	*3.450		
		4,5 m	kg	*1.400	1.400	*1.750	1.450	*3.850	2.250	*4.000	3.750	*3.500	*3.500
		3,0 m	kg	*1.400	1.200	*3.150	1.400	*5.000	2.150	*6.450	3.500		
	3,0 m	1,5 m	kg	*1.500	1.150	*3.900	1.350	*5.500	2.000	*7.550	3.200		
		0,0 m	kg	*1.650	1.200	*3.850	1.300	*5.700	1.900	*8.000	3.000	*4.050	*4.050
		- 1,5 m	kg	*2.000	1.350			*5.400	1.850	*7.550	2.900	*6.900	5.500
		- 3,0 m	kg					*4.150	1.900	*6.150	2.950		
		7,5 m	kg	*1.400	*1.400			*2.050	*2.050	*2.850	*2.850		
		6,0 m	kg	*1.200	*1.200			*2.800	2.400	*2.700	*2.700		
 Rear outrigger	2,1 m	7,5 m	kg	*2.300	*2.300			*3.650	*3.650				
		6,0 m	kg	*1.900	*1.900			*3.250	2.650	*4.200	*4.200		
		4,5 m	kg	*1.800	*1.800			*4.550	2.600	*5.100	4.300	*5.000	*5.000
		3,0 m	kg	*1.800	1.650	*2.400	1.700	*5.300	2.500	*6.900	4.000		
		1,5 m	kg	*1.900	1.550	*3.250	1.650	*5.700	2.400	*7.900	3.750		
		0,0 m	kg	*2.100	1.600			*5.800	2.300	*8.050	3.600		
	2,5 m	- 1,5 m	kg	*2.600	1.850			*5.300	2.300	*7.400	3.550	*7.400	6.850
		- 3,0 m	kg							*5.700	3.600		
		7,5 m	kg	*1.750	*1.750					*3.350	*3.350		
		6,0 m	kg	*1.500	*1.500			*3.150	2.650	*3.450	*3.450		
		4,5 m	kg	*1.400	*1.400	*1.750	1.700	*3.850	2.600	*4.000	*4.000	*3.500	*3.500
		3,0 m	kg	*1.400	*1.400	*3.150	1.650	*5.000	2.500	*6.450	4.000		
	3,0 m	1,5 m	kg	*1.500	1.400	*3.900	1.600	*5.500	2.350	*7.550	3.700		
		0,0 m	kg	*1.650	1.450	*3.850	1.550	*5.700	2.250	*8.000	3.500	*4.050	*4.050
		- 1,5 m	kg	*2.000	1.600			*5.400	2.200	*7.550	3.450	*6.900	6.650
		- 3,0 m	kg					*4.150	2.250	*6.150	3.500		
		7,5 m	kg	*1.400	*1.400			*2.050	*2.050	*2.850	*2.850		
		6,0 m	kg	*1.200	*1.200			*2.800	2.700	*2.700	*2.700		





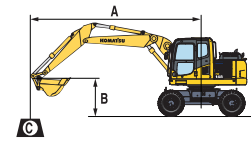
- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket (440 kg), bucket linkage (84 kg) and bucket cylinder (96 kg)
-  – Rating over front
-  – Rating over side
-  – Rating at maximum reach

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights.

\* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

## TWO-PIECE BOOM

Arm length	A B	⊗		7,5 m		6,0 m		4,5 m		3,0 m			
		⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		
 <p>Outrigger + blade</p>	2,1 m	7,5 m	kg	*2.300	*2.300			*3.650	*3.650				
		6,0 m	kg	*1.900	*1.900			*3.250	*3.250	*4.200	*4.200		
		4,5 m	kg	*1.800	*1.800			*4.550	3.750	*5.100	*5.100	*5.000	*5.000
		3,0 m	kg	*1.800	*1.800	*2.400	*2.400	*5.300	3.650	*6.900	5.800		
		1,5 m	kg	*1.900	*1.900	*3.250	2.450	*5.700	3.500	*7900	5.500		
		0,0 m	kg	*2.100	*2.100			*5.800	3.400	*8.050	5.350		
		- 1,5 m	kg	*2.600	*2.600			*5.300	3.400	*7.400	5.300	*7.400	*7.400
		- 3,0 m	kg							*5.700	5.350		
	2,5 m	7,5 m	kg	*1.750	*1.750			*3.350	*3.350				
		6,0 m	kg	*1.500	*1.500			*3.150	*3.150	*3.450	*3.450		
		4,5 m	kg	*1.400	*1.400	*1.750	*1.750	*3.850	3.750	*4.000	*4.000	*3.500	*3.500
		3,0 m	kg	*1.400	*1.400	*3.150	2.450	*5.000	3.600	*6.450	5.850		
		1,5 m	kg	*1.500	*1.500	*3.900	2.400	*5.500	3.450	*7550	5.500		
		0,0 m	kg	*1.650	*1.650	*3.850	2.350	*5.700	3.350	*8.000	5.250	*4.050	*4.050
		- 1,5 m	kg	*2.000	*2.000			*5.400	3.300	*7.550	5.200	*6.900	*6.900
		- 3,0 m	kg					*4.150	3.350	*6.150	5.250		
	3,0 m	7,5 m	kg	*1.400	*1.400			*2.050	*2.050	*2.850	*2.850		
		6,0 m	kg	*1.200	*1.200			*2.800	*2.800	*2.700	*2.700		
		4,5 m	kg	*1.100	*1.100	*2.500	*2.500	*3.150	*3.150	*2.950	*2.950		
		3,0 m	kg	*1.100	*1.100	*3.150	2.500	*4.150	3.650	*5.050	*5.050		
		1,5 m	kg	*1.150	*1.150	*3.900	2.400	*5.300	3.500	*7.200	5.550		
		0,0 m	kg	*1.300	*1.300	*4.350	2.350	*5.650	3.350	*7.900	5.300	*4.250	*4.250
		- 1,5 m	kg	*1.550	*1.550	*3.700	2.300	*5.550	3.300	*7.750	5.150	*6.250	*6.250
		- 3,0 m	kg	*2.050	*2.050			*4.700	3.300	*6.750	5.200	*9.800	*9.800
 <p>Outrigger front + rear</p>	2,1 m	7,5 m	kg	*2.300	*2.300			*3.650	*3.650				
		6,0 m	kg	*1.900	*1.900			*3.250	*3.250	*4.200	*4.200		
		4,5 m	kg	*1.800	*1.800			*4.550	4.500	*5.100	*5.100	*5.000	*5.000
		3,0 m	kg	*1.800	*1.800	*2.400	*2.400	*5.300	4.350	*6.900	*6.900		
		1,5 m	kg	*1.900	*1.900	*3.250	2.950	*5.700	4.250	*7900	6.750		
		0,0 m	kg	*2.100	*2.100			*5.800	4.150	*8050	6.550		
		- 1,5 m	kg	*2.600	*2.600			*5.300	4.100	*7400	6.500	*7.400	*7.400
		- 3,0 m	kg							*5.700	*5.700		
	2,5 m	7,5 m	kg	*1.750	*1.750			*3.350	*3.350				
		6,0 m	kg	*1.500	*1.500			*3.150	*3.150	*3.450	*3.450		
		4,5 m	kg	*1.400	*1.400	*1.750	*1.750	*3.850	*3.850	*4.000	*4.000	*3.500	*3.500
		3,0 m	kg	*1.400	*1.400	*3.150	2.950	*5.000	4.350	*6.450	*6.450		
		1,5 m	kg	*1.500	*1.500	*3.900	2.900	*5.500	4.200	*7.550	6.700		
		0,0 m	kg	*1.650	*1.650	*3.850	2.850	*5.700	4.050	*8.000	6.500	*4.050	*4.050
		- 1,5 m	kg	*2.000	*2.000			*5.400	4.000	*7.550	6.400	*6.900	*6.900
		- 3,0 m	kg					*4.150	4.050	*6.150	*6.150		
	3,0 m	7,5 m	kg	*1.400	*1.400			*2.050	*2.050	*2.850	*2.850		
		6,0 m	kg	*1.200	*1.200			*2.800	*2.800	*2.700	*2.700		
		4,5 m	kg	*1.100	*1.100	*2.500	*2.500	*3.150	*3.150	*2.950	*2.950		
		3,0 m	kg	*1.100	*1.100	*3.150	3.000	*4.150	*4.150	*5.050	*5.050		
		1,5 m	kg	*1.150	*1.150	*3.900	2.900	*5.300	4.250	*7.200	6.800		
		0,0 m	kg	*1.300	*1.300	*4.350	2.850	*5.650	4.100	*7.900	6.500	*4.250	*4.250
		- 1,5 m	kg	*1.550	*1.550	*3.700	2.800	*5.550	4.000	*7.750	6.400	*6.250	*6.250
		- 3,0 m	kg	*2.050	*2.050			*4.700	4.000	*6.750	6.400	*9.800	*9.800



A – Reach from swing center

B – Bucket hook height

C – Lifting capacities, including bucket (440 kg), bucket linkage (84 kg) and bucket cylinder (96 kg)

⊗ – Rating over front

⊗ – Rating over side

⊗ – Rating at maximum reach

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights.

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