

KOMATSU

PW148-11

PRELIMINARY



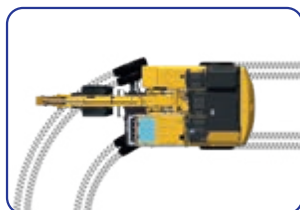
Hydraulic wheeled excavator

Engine power
110 kW / 148 HP @ 2000 rpm

Operating weight
14370 - 16640 kg

Bucket capacity
max. 0.94 m³

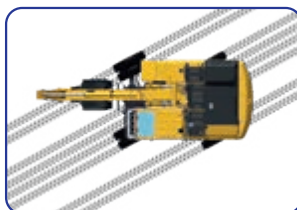
Four-wheel steering configuration (option)



Two-wheel steering



Four-wheel steering



Crab steering



Engine power

110 kW / 148 HP @ 2000 rpm

Operating weight

14370 - 16640 kg

Bucket capacity

max. 0.94 m³

High versatility, low transportation height and safe performance in tight spaces

Powerful and environmentally friendly

- NEW** • 110 kW EU Stage V engine
- NEW** • Top speed of 40 km/h
- NEW** • Heavy-duty travel motor
- NEW** • Long-life Komatsu Diesel Particulate Filter
- NEW** • 8000 hrs KDPF cleaning interval
- High lifting force
- Speedometer for road homologation

A safe investment

- NEW** • Low transportation height
- NEW** • Compact dimensions
- NEW** • Colored steps and handrails
- NEW** • AdBlue® tank hood for best visibility
- KomVision surround view system

First-class operator comfort

- NEW** • Tilttable steering column
- NEW** • Document holder storage
- NEW** • Low noise level inside and outside
- Automatic digging brake (option)
- Premium comfort operator seat (option)

Total versatility

- NEW** • Four-wheel steering (option)
- NEW** • Plastic fenders (option)
- NEW** • Mounting seats for 3D aftermarket systems
- NEW** • Preparation for tilt rotator implementation
- 2.75 m wide axle (option)
- Joystick steering system (option)
- Trailer hitches (option)

Easy maintenance

- NEW** • Large AdBlue® tank
- NEW** • Easy access sheet metal door for AdBlue® tank and refill pump
- NEW** • LED rear lights and high lumen LED work lights
- NEW** • Clamshell grip bar (option)
- Large access doors for maintenance
- Ground level access for filters and maintenance

Komtrax

- Komtrax Step 5 for ultimate machinery management
- 4G mobile communications including KCSI controller
- Current fuel consumption displayed
- Energy saving report



Specifications PW148-11E1

Engine

Model	Komatsu SAA4D107E-5
Type	Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Engine power	
at rated engine speed	2000 rpm
ISO 14396	110 kW / 148 HP
ISO 9249 (net engine power)	110 kW / 148 HP
No. of cylinders	4
Bore × stroke	107 × 124 mm
Displacement	4.5 l
Air filter type	Double element type with monitor panel dust indicator and auto dust evacuator
Cooling	Suction type cooling fan
Fuel	Diesel fuel, conforming to EN590 Class 2/ Grade D. Paraffinic fuel capability (HVO, GTL, BTL), conforming to EN 15940:2016

Hydraulic system

Type	HydrauMind. Closed-centre load sensing system with 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	244 l/min
Relief valve settings	
Implement	380 kg/cm ²
Travel	428 kg/cm ²
Swing	290 kg/cm ²
Pilot circuit	36 kg/cm ²

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

Steering system

Steering control	Hydraulic steering system supplied from a separate gear pump and controlled through LS orbitrol & priority valves
Steering types	Two-wheel, four-wheel and crab steering
Minimum turning radius, two-wheel steering	6800 mm
Minimum turning radius, four-wheel steering	4100 mm

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

Transmission

Type	Fully automatic power shift transmission with permanent 4 wheel drive
Travel motors	One variable displacement axial piston motor
Maximum pressure	372 bar
Travel modes	Automatic + 3 travel modes
Max. travel speeds	
Hi / Lo / Creep	40.0 / 10.0 / 2.5 km/h
A max. speed restriction of 20 km/h is available as an option	
Maximum drawbar pull	10900 kg
Axle oscillation	8°, lockable in any position from the operator cab

Service refill capacities

Fuel tank	245 l
Radiator	22 l
Engine oil	18 l
Swing drive	2.5 l
Hydraulic tank	90 l
Transmission	3 l
Front differential	9.5 l
Rear differential	12.4 l
Front axle hub	2.5 l
Rear axle hub	2.5 l
Swing pinion grease bath	8 l
AdBlue® tank	57.7 l

Environment

Engine emissions	Fully complies with EU Stage V exhaust emission regulations
Noise levels	
LwA external	99 dB(A) (2000/14/EC Stage II)
LpA operator ear	69 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)	
Hand/arm	≤ 2.5 m/s ² (uncertainty K = 0.43 m/s ²)
Body	≤ 0.5 m/s ² (uncertainty K = 0.31 m/s ²)
Contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.9 kg; CO ₂ equivalent 1.29 t	

Operating weight (appr.)

Undercarriage attachment type	Mono boom	Two-piece boom
Without	14370 kg	14605 kg
Rear blade	15095 kg	15330 kg
Rear outrigger	15390 kg	15625 kg
2 outriggers + blade	16110 kg	16350 kg
4 outriggers	16405 kg	16640 kg

Operating weight, including specified work equipment, 2500 mm arm, operator, lubricant, coolant, full fuel tank, bucket (475 kg) and the standard equipment.

Max. bucket capacity and weight

		Mono boom		
Arm length		2100 mm	2500 mm	3000 mm
Material weight up to 1.2 t/m ³		0.94 m ³ 680 kg	0.85 m ³ 640 kg	0.75 m ³ 600 kg
Material weight up to 1.5 t/m ³		0.85 m ³ 640 kg	0.75 m ³ 600 kg	0.66 m ³ 535 kg
Material weight up to 1.8 t/m ³		0.66 m ³ 535 kg	0.66 m ³ 535 kg	0.56 m ³ 520 kg

		Two-piece boom		
Arm length		2100 mm	2500 mm	3000 mm
Material weight up to 1.2 t/m ³		0.85 m ³ 640 kg	0.75 m ³ 600 kg	0.66 m ³ 535 kg
Material weight up to 1.5 t/m ³		0.75 m ³ 600 kg	0.66 m ³ 535 kg	0.56 m ³ 520 kg
Material weight up to 1.8 t/m ³		0.66 m ³ 535 kg	0.56 m ³ 520 kg	0.47 m ³ 457 kg

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

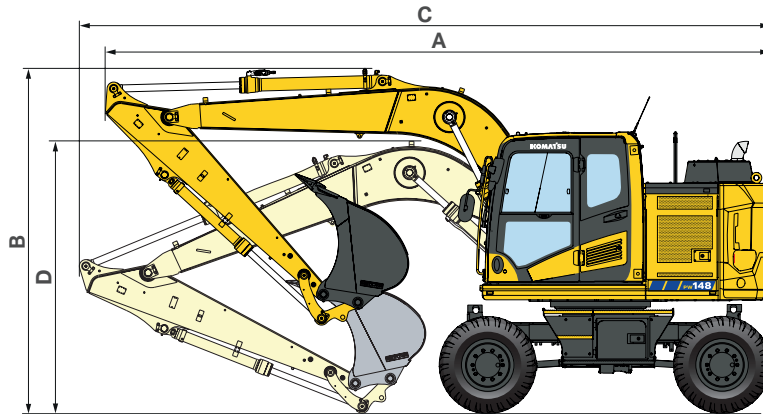
Please consult with your distributor for the correct selection of buckets and attachments to suit the application.

Bucket and arm force

Arm length	2100 mm	2500 mm	3000 mm
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 and performance figures

Mono boom



Driving position

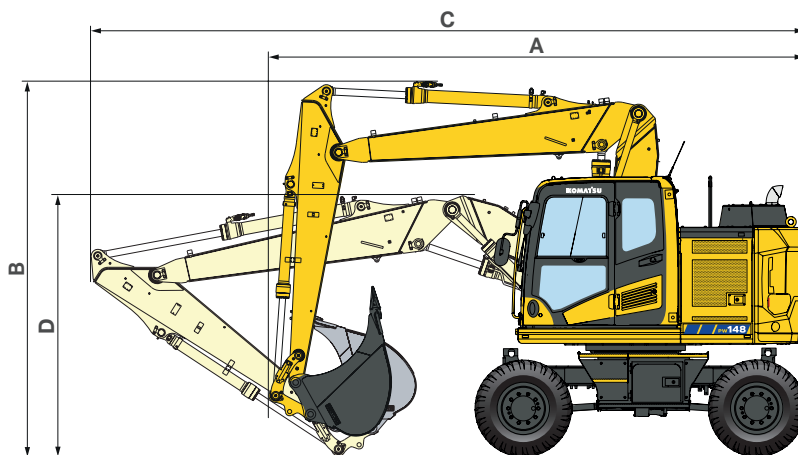
Arm length	A	B
2100 mm	7070 mm	3675 mm
2500 mm	7070 mm	3675 mm
3000 mm *	7115 mm	3675 mm

Transport position

Arm length	C	D
2100 mm	7330 mm	2790 mm
2500 mm	7345 mm	2900 mm
3000 mm	7295 mm	3260 mm

* Driving position without bucket

Two-piece boom



Driving position

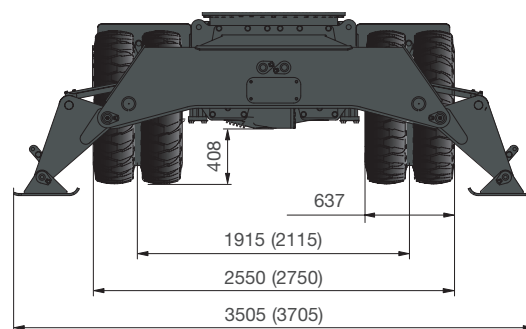
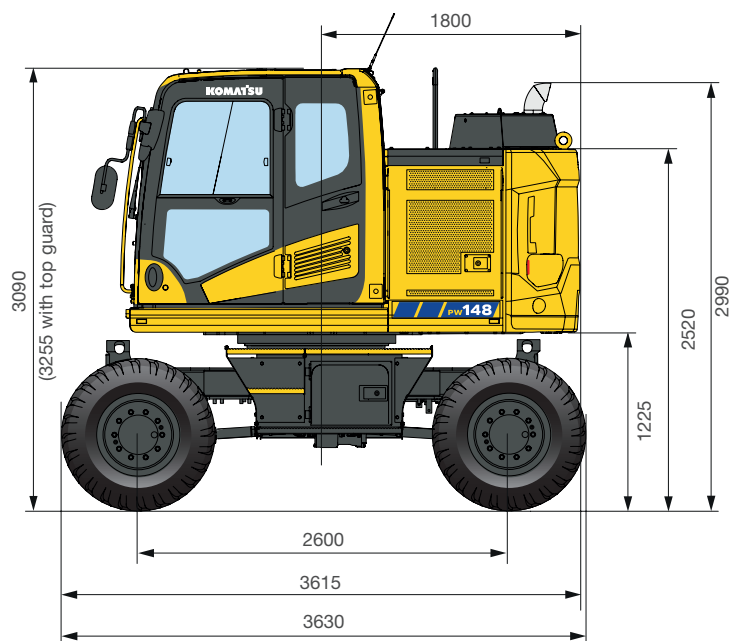
Arm length	A	B
2100 mm	5585 mm	3920 mm
2500 mm	6120 mm	4000 mm
3000 mm *	6120 mm	3965 mm

Transport position

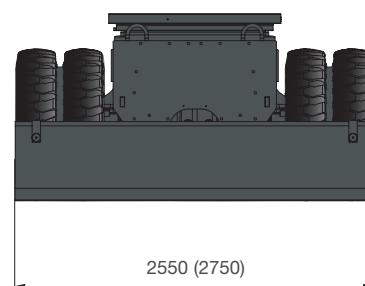
Arm length	C	D **
2100 mm	7625 mm	2660 mm
2500 mm	7610 mm	2775 mm
3000 mm	7535 mm	3225 mm

* Driving position without bucket

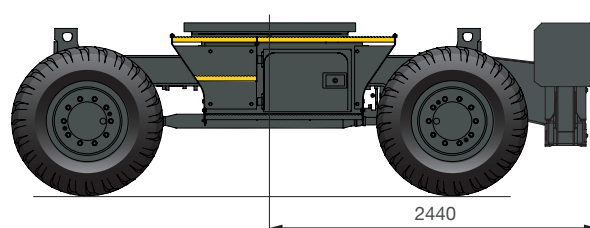
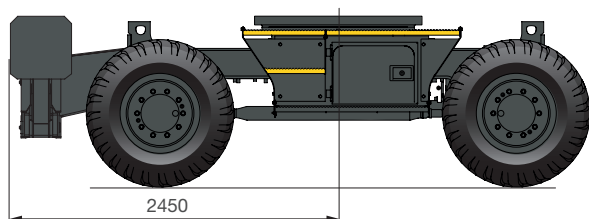
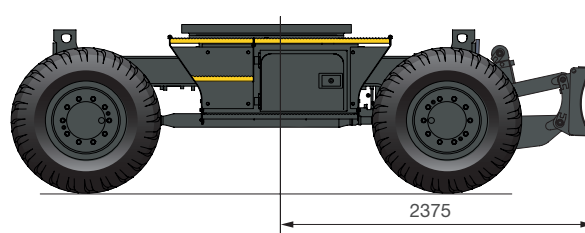
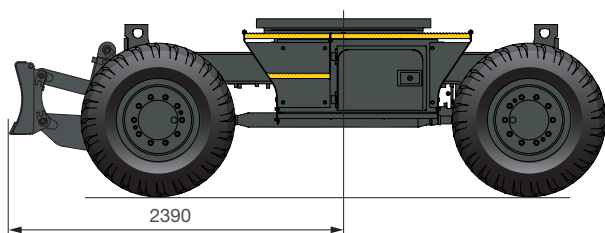
** Height to top of hose



All dimensions with tyres Bandenmarkt Excavator 315/70 R22.5

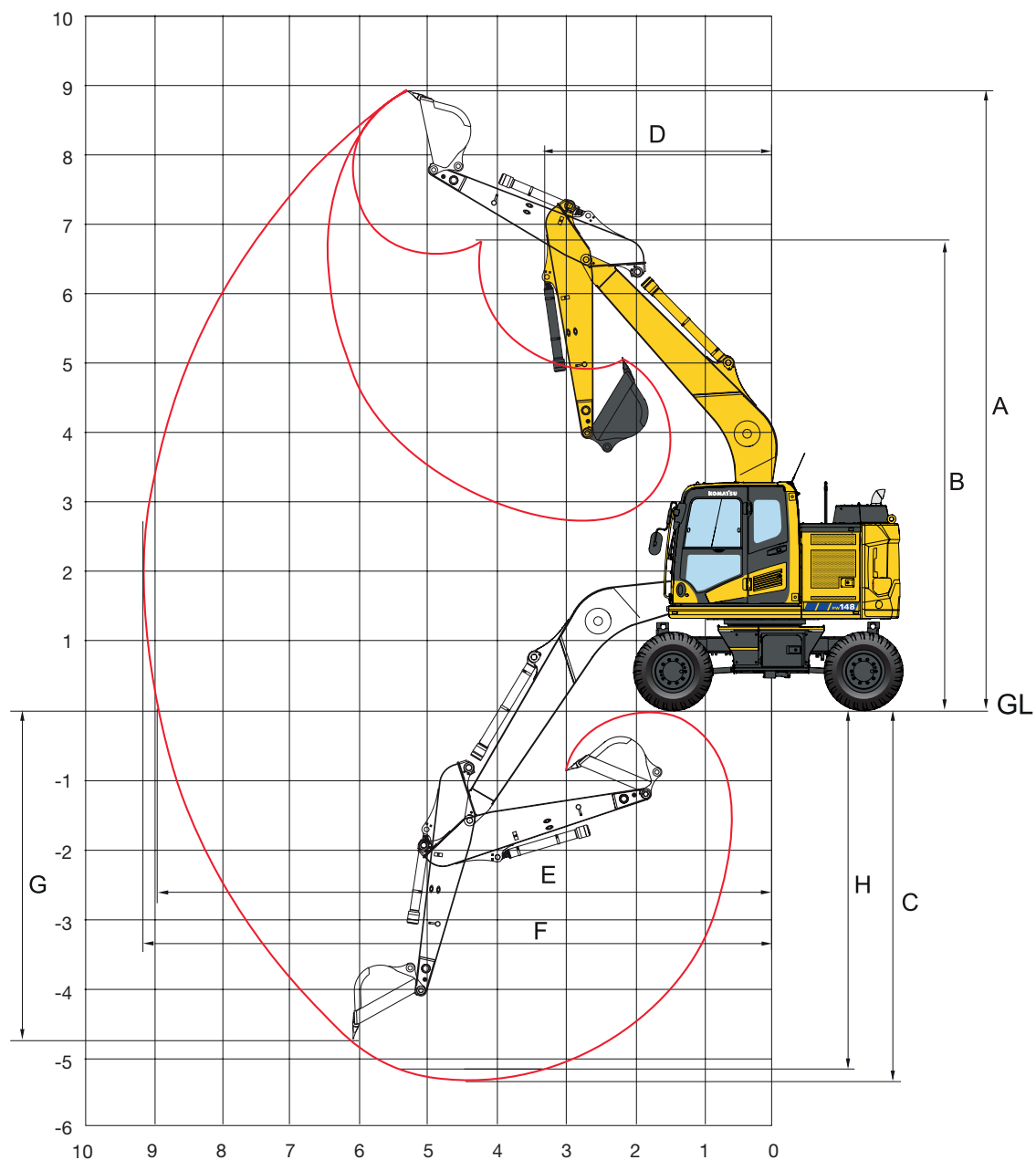


(): Figures for 2.75 m undercarriage



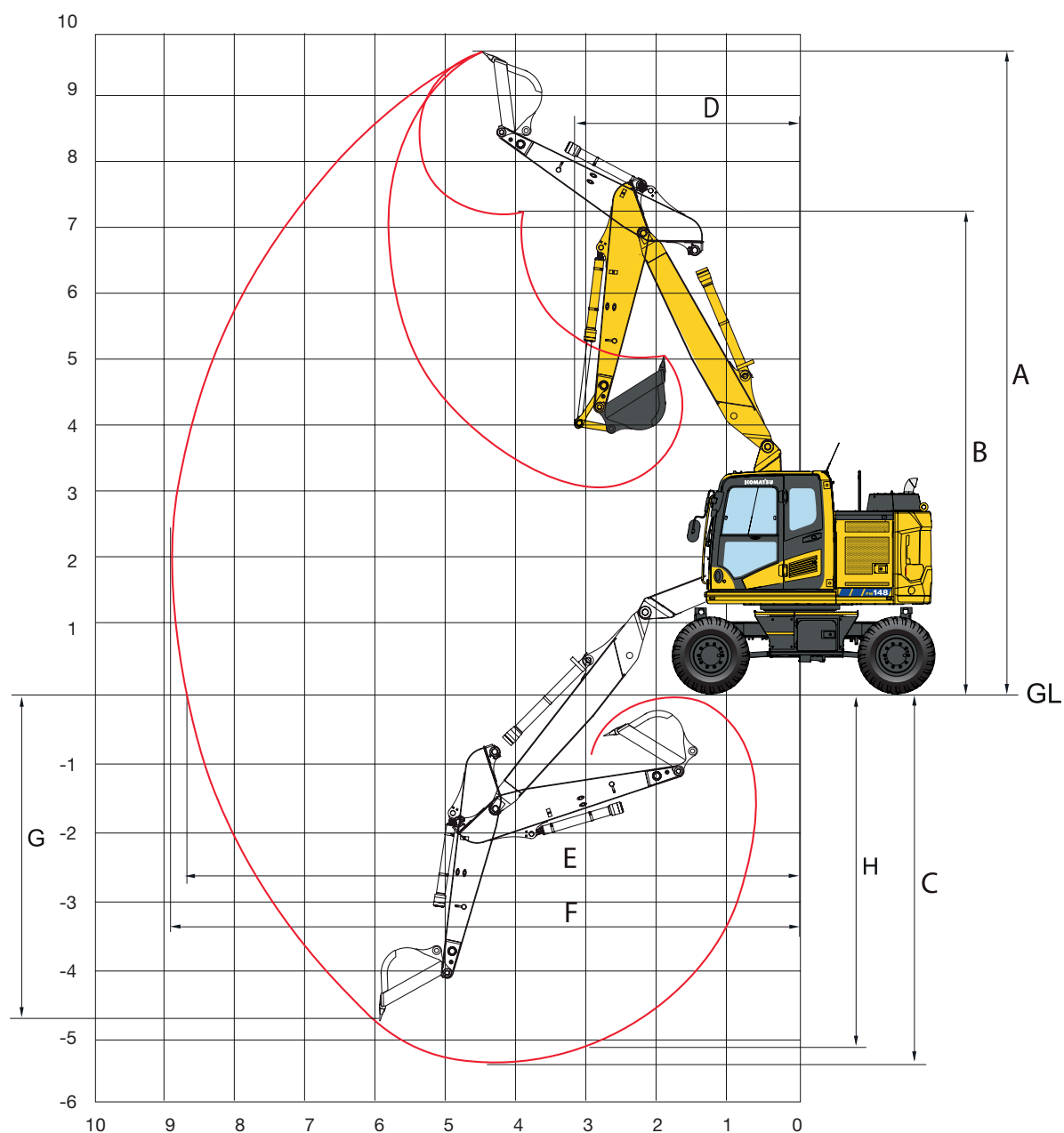
Working range

Mono boom



Arm length	2100 mm	2500 mm	3000 mm
A Max. digging height	8045 mm	8240 mm	8560 mm
B Max. dumping height	5775 mm	5980 mm	6280 mm
C Max. digging depth	4345 mm	4725 mm	5160 mm
D Max. digging reach	8075 mm	8440 mm	8930 mm
E Max. digging reach at ground level	7885 mm	8265 mm	8750 mm
F Min. swing radius	2955 mm	2920 mm	3000 mm
G Max. vertical wall digging depth	3335 mm	3650 mm	4120 mm
H Max. digging depth of cut for 2440 mm level	3605 mm	4000 mm	4450 mm

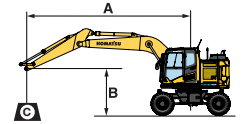
Two-piece boom



Arm length	2100 mm	2500 mm	3000 mm
A Max. digging height	9270 mm	9560 mm	9980 mm
B Max. dumping height	6710 mm	7005 mm	7415 mm
C Max. digging depth	5000 mm	5400 mm	5900 mm
D Max. digging reach	8435 mm	8810 mm	9310 mm
E Max. digging reach at ground level	8245 mm	8630 mm	9135 mm
F Min. swing radius	2755 mm	2855 mm	3220 mm
G Max. vertical wall digging depth	3630 mm	4000 mm	4400 mm
H Max. digging depth of cut for 2440 mm level	4825 mm	5185 mm	5695 mm

Lifting capacity / mono boom / undercarriage width 2.55 m

Arm length	A B	7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
		Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side
 Without stabiliser	2100 mm	7.5 m kg									
		6.0 m kg	*2850 2400								
		4.5 m kg	*2650 1900		3100 2150	4900 3400					
		3.0 m kg	2400 1650		3000 2100	4650 3200		*8850 5800			
		1.5 m kg	2300 1600		2900 2000	4400 3000					
		0.0 m kg	2400 1650		2850 1950	4250 2850		*7700 4950			
		-1.5 m kg	2700 1800		2800 1900	4200 2750		8100 4950		*6350 *6350	
		-3.0 m kg	*3500 2400			4250 2850		*6500 5100			
		-4.5 m kg									
	2500 mm	7.5 m kg									
		6.0 m kg	*2350 2150		*2600 2200						
		4.5 m kg	*2250 1750		3150 2200						
		3.0 m kg	2200 1500		3000 2100	4700 3250		*8050 6000			
		1.5 m kg	2100 1450		2900 2000	4450 3000		8450 5250			
		0.0 m kg	2200 1500		2850 1900	4250 2850		8100 4950			
		-1.5 m kg	2400 1650		2750 1850	4150 2750		8000 4900		*5800 *5800	
		-3.0 m kg	3050 2100			4200 2750		*7400 4950			
		-4.5 m kg									
	3000 mm	7.5 m kg	*2400 *2400								
		6.0 m kg	*2100 1800		3150 2250						
		4.5 m kg	*2000 1500		3150 2200						
		3.0 m kg	1950 1350	2100 1450	3000 2100	4750 3300					
		1.5 m kg	1900 1250	2050 1400	2850 1950	4450 3000		8600 5350			
		0.0 m kg	1950 1300	2000 1350	2750 1850	4200 2750		8000 4900			
		-1.5 m kg	2100 1400		2700 1800	4050 2650		7850 4800		*5000 *5000	
		-3.0 m kg	2550 1700		2700 1800	4050 2650		7950 4800		*8150 *8150	
		-4.5 m kg									
 Front or rear blade	2100 mm	7.5 m kg									
		6.0 m kg	*2850 *2850								
		4.5 m kg	*2650 2250		*4100 2550	*5150 4000					
		3.0 m kg	*2650 1950		*4850 2500	*6000 3800		*8850 7000			
		1.5 m kg	*2850 1900		*5100 2400	*6800 3550					
		0.0 m kg	*3200 1950		*5100 2300	*7000 3400		*7700 6100			
		-1.5 m kg	*3900 2200		*4450 2300	*6400 3350		*9200 6100		*6350 *6350	
		-3.0 m kg	*3500 2850			*4550 3450		*6500 6250			
		-4.5 m kg									
	2500 mm	7.5 m kg									
		6.0 m kg	*2350 *2350		*2600 2550						
		4.5 m kg	*2250 2050		*4150 2550						
		3.0 m kg	*2250 1800		*4650 2500	*5650 3850		*8050 7200			
		1.5 m kg	*2350 1750		*5000 2400	*6650 3600		*10000 6450			
		0.0 m kg	*2650 1800		*5150 2300	*7000 3400		*8150 6100			
		-1.5 m kg	*3200 1950		*4700 2250	*6650 3300		*9700 6050		*5800 *5800	
		-3.0 m kg	*3550 2500			*5200 3350		*7400 6150			
		-4.5 m kg									
	3000 mm	7.5 m kg	*2400 *2400								
		6.0 m kg	*2100 *2100		*3400 2600						
		4.5 m kg	*2000 1800		*4000 2600						
		3.0 m kg	*2000 1600	*3100 1750	*4350 2500	*5150 3900					
		1.5 m kg	*2050 1550	*3700 1650	*4750 2350	*6250 3600		*9700 6550			
		0.0 m kg	*2300 1550	*3450 1650	*5000 2250	*6850 3350		*8500 6050			
		-1.5 m kg	*2650 1700		*4850 2200	*6750 3250		*10150 5900		*5000 *5000	
		-3.0 m kg	*3350 2100		*3800 2200	*5700 3250		*8350 5950		*8150 *8150	
		-4.5 m kg									
 Rear outrigger	2100 mm	7.5 m kg									
		6.0 m kg	*2850 *2850								
		4.5 m kg	*2650 *2650		*4100 3100	*5150 4850					
		3.0 m kg	*2650 2400		*4850 3000	*6000 4650		*8850 *8850			
		1.5 m kg	*2850 2300		*5100 2900	*6800 4400					
		0.0 m kg	*3200 2400		*5100 2850	*7000 4250		*7700 *7700			
		-1.5 m kg	*3900 2700		*4450 2850	*6400 4200		*9200 7950		*6350 *6350	
		-3.0 m kg	*3500 *3500			*4550 4250		*6500 *6500			
		-4.5 m kg									
	2500 mm	7.5 m kg									
		6.0 m kg	*2350 *2350		*2600 *2600						
		4.5 m kg	*2250 *2250		*4150 3150						
		3.0 m kg	*2250 2250		*4650 3050	*5650 4700		*8050 *8050			
		1.5 m kg	*2350 2150		*5000 2950	*6650 4450		*10000 8300			
		0.0 m kg	*2650 2200		*5150 2850	*7000 4250		*8150 7950			
		-1.5 m kg	*3200 2450		*4700 2800	*6650 4200		*9700 7850		*5800 *5800	
		-3.0 m kg	*3550 3100			*5200 4200		*7400 *7400			
		-4.5 m kg									
	3000 mm	7.5 m kg	*2400 *2400								
		6.0 m kg	*2100 *2100		*3400 3150						
		4.5 m kg	*2000 *2000		*4000 3150						
		3.0 m kg	*2000 1950	*3100 2100	*4350 3000	*5150 4750					
		1.5 m kg	*2050 1900	*3700 2100	*4750 2900	*6250 4450		*9700 8450			
		0.0 m kg	*2300 1950	*3450 2050	*5000 2800	*6850 4200		*8500 7950			
		-1.5 m kg	*2650 2100		*4850 2700	*6750 4050		*10150 7800		*5000 *5000	
		-3.0 m kg	*3350 2550		*3800 2700	*5700 4050		*8350 7800		*8150 *8150	
		-4.5 m kg									



A – Reach from swing center

B – Bucket hook height

C – Lifting capacities, including bucket linkage and bucket cylinder

 – Rating over front

 – Rating over side

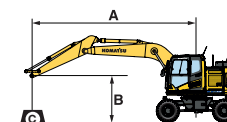
 – Rating at maximum reach

When removing 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 ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Arm length	A B			7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	

 Outrigger + blade	2100 mm	7.5 m	kg										
		6.0 m	kg	*2850	*2850								
		4.5 m	kg	*2650	*2650			*4100	3850	*5150	*5150		
		3.0 m	kg	*2650	*2650			*4850	3750	*6000	5850	*8850	*8850
		1.5 m	kg	*2850	*2850			*5100	3650	*6800	5550		
		0.0 m	kg	*3200	3000			*5100	3600	*7000	5400	*7700	*7700
		- 1.5 m	kg	*3900	3350			*4450	3550	*6400	5350	*9200	*9200
		- 3.0 m	kg	*3500	*3500					*4550	*4550	*6500	*6500
		- 4.5 m	kg										
	2500 mm	7.5 m	kg										
		6.0 m	kg	*2350	*2350			*2600	*2600				
		4.5 m	kg	*2250	*2250			*4150	3900				
		3.0 m	kg	*2250	*2250			*4650	3750	*5650	*5650	*8050	*8050
		1.5 m	kg	*2350	*2350			*5000	3650	*6650	5600	*10000	*10000
		0.0 m	kg	*2650	*2650			*5150	3550	*7000	5400	*8150	*8150
		- 1.5 m	kg	*3200	3050			*4700	3500	*6650	5300	*9700	*9700
		- 3.0 m	kg	*3550	*3550					*5200	*5200	*7400	*7400
		- 4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	*2100			*3400	*3400				
		4.5 m	kg	*2000	*2000			*4000	3900				
		3.0 m	kg	*2000	*2000	*3100	2650	*4350	3750	*5150	*5150		
		1.5 m	kg	*2050	*2050	*3700	2600	*4750	3600	*6250	5600	*9700	*9700
		0.0 m	kg	*2300	*2300	*3450	2550	*5000	3500	*6850	5400	*8500	*8500
		- 1.5 m	kg	*2650	*2650			*4850	3450	*6750	5250	*10150	*10150
		- 3.0 m	kg	*3350	3250			*3800	3450	*5700	5250	*8350	*8350
		- 4.5 m	kg									*8150	*8150



A - Reach from swing center

B - Bucket hook height

C - Lifting capacities, including bucket linkage and bucket cylinder

- Rating over front

- Rating over side

- Rating at maximum reach

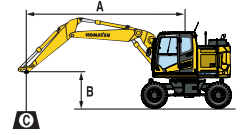
When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

 Outrigger front + rear	2100 mm	7.5 m	kg										
		6.0 m	kg	*2850	*2850								
		4.5 m	kg	*2650	*2650			*4100	*4100	*5150	*5150		
		3.0 m	kg	*2650	*2650			*4850	4500	*6000	*6000	*8850	*8850
		1.5 m	kg	*2850	*2850			*5100	4400	*6800	*6800		
		0.0 m	kg	*3200	*3200			*5100	4350	*7000	6650	*7700	*7700
		- 1.5 m	kg	*3900	*3900			*4450	4300	*6400	*6400	*9200	*9200
		- 3.0 m	kg	*3500	*3500					*4550	*4550	*6500	*6500
		- 4.5 m	kg										
	2500 mm	7.5 m	kg										
		6.0 m	kg	*2350	*2350			*2600	*2600				
		4.5 m	kg	*2250	*2250			*4150	*4150				
		3.0 m	kg	*2250	*2250			*4650	4550	*5650	*5650	*8050	*8050
		1.5 m	kg	*2350	*2350			*5000	4400	*6650	*6650	*10000	*10000
		0.0 m	kg	*2650	*2650			*5150	4350	*7000	6700	*8150	*8150
		- 1.5 m	kg	*3200	*3200			*4700	4250	*6650	6600	*9700	*9700
		- 3.0 m	kg	*3550	*3550					*5200	*5200	*7400	*7400
		- 4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	*2100			*3400	*3400				
		4.5 m	kg	*2000	*2000			*4000	*4000				
		3.0 m	kg	*2000	*2000	*3100	*3100	*4350	*4350	*5150	*5150		
		1.5 m	kg	*2050	*2050	*3700	3150	*4750	4400	*6250	*6250	*9700	*9700
		0.0 m	kg	*2300	*2300	*3450	3100	*5000	4250	*6850	6650	*8500	*8500
		- 1.5 m	kg	*2650	*2650			*4850	4200	*6750	6500	*10150	*10150
		- 3.0 m	kg	*3350	*3350			*3800	*3800	*5700	*5700	*8350	*8350
		- 4.5 m	kg									*8150	*8150

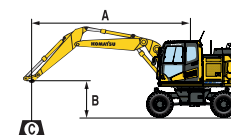
Lifting capacity / two-piece boom / undercarriage width 2.55 m

Arm length		A	B	7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
													
 Without stabiliser	2100 mm	7.5 m	kg	*3550	3300			*3900	3400				
		6.0 m	kg	*2950	2100		3100	2150	*4050	3450			
		4.5 m	kg	2450	1700		3100	2150	4850	3350			
		3.0 m	kg	2200	1500		3000	2050	4600	3150			
		1.5 m	kg	2100	1450		2850	1950	4350	2850			
		0.0 m	kg	2150	1500		2800	1900	4200	2750			
		-1.5 m	kg	2400	1650		2750	1850	4150	2700	8000	4850	
		-3.0 m	kg										
		-4.5 m	kg										
		7.5 m	kg	*2850	2750				*3900	3500			
		6.0 m	kg	*2400	1900		3150	2200					
		4.5 m	kg	2250	1550		3100	2150	4950	3400			
	2500 mm	3.0 m	kg	2000	1350	2100	1450	3000	2100	4650	3150		
		1.5 m	kg	1950	1350	2100	1400	2850	1950	4350	2900		
		0.0 m	kg	2000	1350	2050	1350	2800	1850	4200	2750	*5450	4800
		-1.5 m	kg	2200	1500			2700	1800	4100	2700	7950	4800
		-3.0 m	kg	2850	1950					4150	2700		
		-4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	2200								
		6.0 m	kg	*2100	1650		3150	2250					
		4.5 m	kg	1950	1350	2150	1500	3150	2150	*3850	3450		
		3.0 m	kg	1800	1200	2100	1400	3000	2050	4700	3200		
		1.5 m	kg	1750	1150	2050	1350	2850	1950	4350	2900		
		0.0 m	kg	1800	1200	1950	1300	2700	1800	4100	2700	*5650	4750
		-1.5 m	kg	1950	1300	1950	1300	2650	1750	4000	2550	7800	4650
		-3.0 m	kg	2300	1500			2700	1750	4050	2600	*7800	4700
		-4.5 m	kg										
		7.5 m	kg	*3550	*3550				*3900	*3900			
	2100 mm	6.0 m	kg	*2950	2500		*3200	2550	*4050	*4050			
		4.5 m	kg	*2700	2000		*4150	2550	*5250	3950			
		3.0 m	kg	*2650	1800		*4400	2450	*5950	3750			
		1.5 m	kg	*2750	1750		*4750	2350	*6850	3450			
		0.0 m	kg	*3000	1800		*5000	2250	*6900	3300			
		-1.5 m	kg	*3550	1950		*4400	2250	*6150	3300	*8500	6000	
		-3.0 m	kg										
		-4.5 m	kg										
	2500 mm	7.5 m	kg	*2850	*2850				*3900	*3900			
		6.0 m	kg	*2400	2250		*3800	2600					
		4.5 m	kg	*2300	1850		*4000	2550	*5000	4050			
		3.0 m	kg	*2250	1650	*3400	1750	*4250	2450	*5650	3750		
		1.5 m	kg	*2300	1600	*3650	1700	*4600	2350	*6650	3500		
		0.0 m	kg	*2550	1650	*3400	1650	*5000	2250	*6950	3300	*5450	*5450
		-1.5 m	kg	*2950	1800			*4650	2250	*6400	3250	*8600	5950
		-3.0 m	kg	*3400	2350					*5000	3300		
		-4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	1950		*3700	2600					
		4.5 m	kg	*2000	1650	*3100	1750	*3800	2550	*3850	*3850		
		3.0 m	kg	*2000	1450	*3300	1700	*4000	2450	*5300	3800		
		1.5 m	kg	*2000	1400	*3400	1650	*4350	2300	*6150	3500		
		0.0 m	kg	*2200	1450	*3650	1600	*4750	2200	*6800	3300	*5650	*5650
		-1.5 m	kg	*2500	1550	*3300	1600	*4750	2100	*6550	3150	*7800	5800
		-3.0 m	kg	*2850	1850			*3850	2150	*5500	3150	*7800	5850
		-4.5 m	kg										
 Front or rear blade	2100 mm	7.5 m	kg	*3550	*3550				*3900	*3900			
		6.0 m	kg	*2950	2500		*3200	2550	*4050	*4050			
		4.5 m	kg	*2700	2000		*4150	2550	*5250	3950			
		3.0 m	kg	*2650	1800		*4400	2450	*5950	3750			
		1.5 m	kg	*2750	1750		*4750	2350	*6850	3450			
		0.0 m	kg	*3000	1800		*5000	2250	*6900	3300			
		-1.5 m	kg	*3550	1950		*4400	2250	*6150	3300	*8500	6000	
		-3.0 m	kg										
		-4.5 m	kg										
	2500 mm	7.5 m	kg	*2850	*2850				*3900	*3900			
		6.0 m	kg	*2400	2250		*3800	2600					
		4.5 m	kg	*2300	1850		*4000	2550	*5000	4050			
		3.0 m	kg	*2250	1650	*3400	1750	*4250	2450	*5650	3750		
		1.5 m	kg	*2300	1600	*3650	1700	*4600	2350	*6650	3500		
		0.0 m	kg	*2550	1650	*3400	1650	*5000	2250	*6950	3300	*5450	*5450
		-1.5 m	kg	*2950	1800			*4650	2250	*6400	3250	*8600	5950
		-3.0 m	kg	*3400	2350					*5000	3300		
		-4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	1950		*3700	2600					
		4.5 m	kg	*2000	1650	*3100	1750	*3800	2550	*3850	*3850		
		3.0 m	kg	*2000	1450	*3300	1700	*4000	2450	*5300	3800		
		1.5 m	kg	*2000	1400	*3400	1650	*4350	2300	*6150	3500		
		0.0 m	kg	*2200	1450	*3650	1600	*4750	2200	*6800	3300	*5650	*5650
		-1.5 m	kg	*2500	1550	*3300	1600	*4750	2100	*6550	3150	*7800	5800
		-3.0 m	kg	*2850	1850			*3850	2150	*5500	3150	*7800	5850
		-4.5 m	kg										
 Rear outrigger	2100 mm	7.5 m	kg	*3550	*3550				*3900	*3900			
		6.0 m	kg	*2950	*2950		*3200	3100	*4050	*4050			
		4.5 m	kg	*2700	2450		*4150	3100	*5250	4850			
		3.0 m	kg	*2650	2200		*4400	3000	*5950	4600			
		1.5 m	kg	*2750	2100		*4750	2850	*6850	4350			
		0.0 m	kg	*3000	2200		*5000	2800	*6900	4200			
		-1.5 m	kg	*3550	2450		*4400	2800	*6150	4150	*8500	7850	
		-3.0 m	kg										
		-4.5 m	kg										
	2500 mm	7.5 m	kg	*2850	*2850				*3900	*3900			
		6.0 m	kg	*2400	*2400		*3800	3150					
		4.5 m	kg	*2300	2250		*4000	3150	*5000	4900			
		3.0 m	kg	*2250	2050	*3400	2100	*4250	3000	*5650	4650		
		1.5 m	kg	*2300	1950	*3650	2100	*4600	2900	*6650	4350		
		0.0 m	kg	*2550	2000	*3400	2050	*5000	2800	*6950	4200	*5450	*5450
		-1.5 m	kg	*2950	2250			*4650	2750	*6400	4100	*8600	7800
		-3.0 m	kg	*3400	2900					*5000	4150		
		-4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	*2100		*3700	3150					
		4.5 m	kg	*2000	2000	*3100	2150	*3800	3150	*3850	*3850		
		3.0 m	kg	*2000	1800	*3300	2100	*4000	3000	*5300	4650		
		1.5 m	kg	*2000	1750	*3400	2050	*4350	2850	*6150	4350		
		0.0 m	kg	*2200	1800	*3650	2000	*4750	2750	*6800	4100	*5650	*5650
		-1.5 m	kg	*2500	1950	*3300	1950	*4750	2700	*6550	4000	*7800	7650
		-3.0 m	kg	*2850	2350			*3850	2700	*5500	4050	*7800	7700
		-4.5 m	kg										



Arm length	A	B	7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	

 Outrigger + blade	2100 mm	7.5 m	kg	*3550	*3550				*3900	*3900		
		6.0 m	kg	*2950	*2950			*3200	*3200	*4050	*4050	
		4.5 m	kg	*2700	*2700			*4150	3850	*5250	*5250	
		3.0 m	kg	*2650	*2650			*4400	3750	*5950	5800	
		1.5 m	kg	*2750	2700			*4750	3600	*6850	5500	
		0.0 m	kg	*3000	2750			*5000	3550	*6900	5350	
		- 1.5 m	kg	*3550	3100			*4400	3500	*6150	5300	*8500 *8500
		- 3.0 m	kg									
		- 4.5 m	kg									
	2500 mm	7.5 m	kg	*2850	*2850					*3900	*3900	
		6.0 m	kg	*2400	*2400			*3800	*3800			
		4.5 m	kg	*2300	*2300			*4000	3850	*5000	*5000	
		3.0 m	kg	*2250	*2250	*3400	2700	*4250	3750	*5650	*5650	
		1.5 m	kg	*2300	*2300	*3650	2600	*4600	3600	*6650	5550	
		0.0 m	kg	*2550	2550	*3400	2550	*5000	3500	*6950	5350	*5450 *5450
		- 1.5 m	kg	*2950	2800			*4650	3450	*6400	5250	*8600 *8600
		- 3.0 m	kg	*3400	*3400					*5000	*5000	
		- 4.5 m	kg									
	3000 mm	7.5 m	kg	*2400	*2400							
		6.0 m	kg	*2100	*2100			*3700	*3700			
		4.5 m	kg	*2000	*2000	*3100	2700	*3800	*3800	*3850	*3850	
		3.0 m	kg	*2000	*2000	*3300	2650	*4000	3750	*5300	*5300	
		1.5 m	kg	*2000	*2000	*3400	2550	*4350	3600	*6150	5550	
		0.0 m	kg	*2200	*2200	*3650	2550	*4750	3450	*6800	5300	*5650 *5650
		- 1.5 m	kg	*2500	2450	*3300	2500	*4750	3400	*6550	5200	*7800 *7800 *3900 *3900
		- 3.0 m	kg	*2850	*2850			*3850	3450	*5500	5200	*7800 *7800
		- 4.5 m	kg									



A - Reach from swing center

B - Bucket hook height

C - Lifting capacities, including bucket linkage and bucket cylinder

- Rating over front

- Rating over side

- Rating at maximum reach

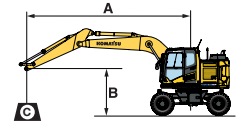
When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

 Outrigger front + rear	2100 mm	7.5 m	kg	*3550	*3550				*3900	*3900		
		6.0 m	kg	*2950	*2950			*3200	*3200	*4050	*4050	
		4.5 m	kg	*2700	*2700			*4150	*4150	*5250	*5250	
		3.0 m	kg	*2650	*2650			*4400	*4400	*5950	*5950	
		1.5 m	kg	*2750	*2750			*4750	4350	*6850	6800	
		0.0 m	kg	*3000	*3000			*5000	4300	*6900	6600	
		- 1.5 m	kg	*3550	*3550			*4400	4300	*6150	*6150	*8500 *8500
		- 3.0 m	kg									
		- 4.5 m	kg									
	2500 mm	7.5 m	kg	*2850	*2850					*3900	*3900	
		6.0 m	kg	*2400	*2400			*3800	*3800			
		4.5 m	kg	*2300	*2300			*4000	*4000	*5000	*5000	
		3.0 m	kg	*2250	*2250	*3400	3200	*4250	*4250	*5650	*5650	
		1.5 m	kg	*2300	*2300	*3650	3150	*4600	4400	*6650	*6650	
		0.0 m	kg	*2550	*2550	*3400	3150	*5000	4300	*6950	6600	*5450 *5450
		- 1.5 m	kg	*2950	*2950			*4650	4250	*6400	*6400	*8600 *8600
		- 3.0 m	kg	*3400	*3400					*5000	*5000	
		- 4.5 m	kg									
	3000 mm	7.5 m	kg	*2400	*2400							
		6.0 m	kg	*2100	*2100			*3700	*3700			
		4.5 m	kg	*2000	*2000	*3100	*3100	*3800	*3800	*3850	*3850	
		3.0 m	kg	*2000	*2000	*3300	3200	*4000	*4000	*5300	*5300	
		1.5 m	kg	*2000	*2000	*3400	3150	*4350	4350	*6150	*6150	
		0.0 m	kg	*2200	*2200	*3650	3050	*4750	4200	*6800	6600	*5650 *5650
		- 1.5 m	kg	*2500	*2500	*3300	3050	*4750	4200	*6550	6450	*7800 *7800 *3900 *3900
		- 3.0 m	kg	*2850	*2850			*3850	*3850	*5500	*5500	*7800 *7800
		- 4.5 m	kg									

Lifting capacity / mono boom / undercarriage width 2.75 m

Arm length	A B	7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
		Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side
 Without stabiliser	2100 mm	7.5 m kg									
		6.0 m kg	*2850 2700								
		4.5 m kg	*2650 2100		3150 2400	4950 3800					
		3.0 m kg	2450 1850		3050 2350	4750 3600		*8850 6600			
		1.5 m kg	2350 1800		2950 2250	4500 3350					
		0.0 m kg	2400 1800		2850 2150	4350 3200		*7700 5700			
		-1.5 m kg	2700 2050		2850 2150	4250 3150		8250 5700		*6350 *6350	
		-3.0 m kg	*3500 2700			4350 3200		*6500 5850			
		-4.5 m kg									
	2500 mm	7.5 m kg									
		6.0 m kg	*2350 *2350		*2600 2450						
		4.5 m kg	*2250 1950		3150 2450						
		3.0 m kg	*2250 1700		3100 2350	4800 3600		*8050 6750			
		1.5 m kg	2150 1650		3000 2250	4500 3400		8600 6050			
		0.0 m kg	2250 1650		2850 2150	4350 3200		*8150 5700			
		-1.5 m kg	2450 1850		2850 2100	4250 3150		8150 5700		*5800 *5800	
		-3.0 m kg	3150 2350			4300 3150		*7400 5750			
		-4.5 m kg									
	3000 mm	7.5 m kg	*2400 *2400								
		6.0 m kg	*2100 2050		3200 2500						
		4.5 m kg	*2000 1700		3150 2450						
		3.0 m kg	*2000 1500	2150 1650	3100 2350	4850 3650					
		1.5 m kg	1950 1450	2100 1600	2950 2250	4500 3400		8750 6150			
		0.0 m kg	1950 1500	2050 1500	2850 2100	4300 3150		8150 5700			
		-1.5 m kg	2150 1600		2750 2050	4150 3050		8000 5550		*5000 *5000	
		-3.0 m kg	2600 1950		2750 2100	4150 3000		8100 5550		*8150 *8150	
		-4.5 m kg									
 Front or rear blade	2100 mm	7.5 m kg									
		6.0 m kg	*2850 *2850								
		4.5 m kg	*2650 2500		*4100 2850	*5150 4500					
		3.0 m kg	*2650 2200		*4850 2750	*6000 4250		*8850 8000			
		1.5 m kg	*2850 2100		*5100 2700	*6800 4000					
		0.0 m kg	*3200 2200		*5100 2600	*7000 3850		*7700 7050			
		-1.5 m kg	*3900 2450		*4450 2550	*6400 3800		*9200 7050		*6350 *6350	
		-3.0 m kg	*3500 3250			*4550 3850		*6500 *6500			
		-4.5 m kg									
	2500 mm	7.5 m kg									
		6.0 m kg	*2350 *2350		*2600 *2600						
		4.5 m kg	*2250 *2250		*4150 2850						
		3.0 m kg	*2250 2050		*4650 2800	*5650 4300		*8050 *8050			
		1.5 m kg	*2350 1950		*5000 2700	*6650 4050		*10000 7400			
		0.0 m kg	*2650 2000		*5150 2550	*7000 3850		*8150 7050			
		-1.5 m kg	*3200 2250		*4700 2550	*6650 3750		*9700 7000		*5800 *5800	
		-3.0 m kg	*3550 2800			*5200 3800		*7400 7050			
		-4.5 m kg									
	3000 mm	7.5 m kg	*2400 *2400								
		6.0 m kg	*2100 *2100		*3400 2900						
		4.5 m kg	*2000 *2000		*4000 2850						
		3.0 m kg	*2000 1800	*3100 1950	*4350 2800	*5150 4350					
		1.5 m kg	*2050 1750	*3700 1900	*4750 2650	*6250 4050		*9700 7550			
		0.0 m kg	*2300 1800	*3450 1850	*5000 2550	*6850 3800		*8500 7000			
		-1.5 m kg	*2650 1950		*4850 2450	*6750 3700		*10150 6850		*5000 *5000	
		-3.0 m kg	*3350 2350		*3800 2500	*5700 3700		*8350 6900		*8150 *8150	
		-4.5 m kg									
 Rear outrigger	2100 mm	7.5 m kg									
		6.0 m kg	*2850 *2850								
		4.5 m kg	*2650 *2650		*4100 3450	*5150 *5150					
		3.0 m kg	*2650 *2650		*4850 3350	*6000 5200		*8850 *8850			
		1.5 m kg	*2850 2550		*5100 3250	*6800 4950					
		0.0 m kg	*3200 2650		*5100 3150	*7000 4750		*7700 *7700			
		-1.5 m kg	*3900 3000		*4450 3150	*6400 4700		*9200 9150		*6350 *6350	
		-3.0 m kg	*3500 *3500			*4550 *4550		*6500 *6500			
		-4.5 m kg									
	2500 mm	7.5 m kg									
		6.0 m kg	*2350 *2350		*2600 *2600						
		4.5 m kg	*2250 *2250		*4150 3450						
		3.0 m kg	*2250 *2250		*4650 3350	*5650 5250		*8050 *8050			
		1.5 m kg	*2350 *2350		*5000 3250	*6650 4950		*10000 9500			
		0.0 m kg	*2650 2450		*5150 3150	*7000 4750		*8150 *8150			
		-1.5 m kg	*3200 2700		*4700 3150	*6650 4650		*9700 9050		*5800 *5800	
		-3.0 m kg	*3550 3450			*5200 4700		*7400 *7400			
		-4.5 m kg									
	3000 mm	7.5 m kg	*2400 *2400								
		6.0 m kg	*2100 *2100		*3400 *3400						
		4.5 m kg	*2000 *2000		*4000 3450						
		3.0 m kg	*2000 *2000	*3100 2400	*4350 3350	*5150 *5150					
		1.5 m kg	*2050 *2050	*3700 2300	*4750 3250	*6250 4950		*9700 9650			
		0.0 m kg	*2300 2150	*3450 2250	*5000 3100	*6850 4700		*8500 *8500			
		-1.5 m kg	*2650 2400		*4850 3050	*6750 4600		*10150 8900		*5000 *5000	
		-3.0 m kg	*3350 2850		*3800 3050	*5700 4600		*8350 *8350		*8150 *8150	
		-4.5 m kg									



A – Reach from swing center

B – Bucket hook height

C – Lifting capacities, including bucket linkage and bucket cylinder

 – Rating over front

 – Rating over side

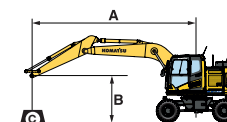
 – Rating at maximum reach

When removing 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 ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Arm length	A B	7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	

 Outrigger + blade	2100 mm	7.5 m	kg								
		6.0 m	kg	*2850	*2850						
		4.5 m	kg	*2650	*2650	*4100	*4100	*5150	*5150		
		3.0 m	kg	*2650	*2650	*4850	4150	*6000	*6000	*8850	*8850
		1.5 m	kg	*2850	*2850	*5100	4050	*6800	6250		
		0.0 m	kg	*3200	*3200	*5100	3950	*7000	6050	*7700	*7700
		- 1.5 m	kg	*3900	3750	*4450	3950	*6400	6000	*9200	*9200
		- 3.0 m	kg	*3500	*3500			*4550	*4550	*6500	*6500
		- 4.5 m	kg								
	2500 mm	7.5 m	kg								
		6.0 m	kg	*2350	*2350	*2600	*2600				
		4.5 m	kg	*2250	*2250	*4150	*4150				
		3.0 m	kg	*2250	*2250	*4650	4200	*5650	*5650	*8050	*8050
		1.5 m	kg	*2350	*2350	*5000	4050	*6650	6300	*10000	*10000
		0.0 m	kg	*2650	*2650	*5150	3950	*7000	6050	*8150	*8150
		- 1.5 m	kg	*3200	*3200	*4700	3900	*6650	6000	*9700	*9700
		- 3.0 m	kg	*3550	*3550			*5200	*5200	*7400	*7400
		- 4.5 m	kg								
	3000 mm	7.5 m	kg	*2400	*2400						
		6.0 m	kg	*2100	*2100	*3400	*3400				
		4.5 m	kg	*2000	*2000	*4000	*4000				
		3.0 m	kg	*2000	*2000	*3100	2950	*4350	4200	*5150	*5150
		1.5 m	kg	*2050	*2050	*3700	2850	*4750	4050	*6250	*6250
		0.0 m	kg	*2300	*2300	*3450	2850	*5000	3900	*6850	6000
		- 1.5 m	kg	*2650	*2650			*4850	3850	*6750	5900
		- 3.0 m	kg	*3350	*3350			*3800	*3800	*5700	*5700
		- 4.5 m	kg								
		- 4.5 m	kg								



A - Reach from swing center

B - Bucket hook height

C - Lifting capacities, including bucket linkage and bucket cylinder

- Rating over front

- Rating over side

- Rating at maximum reach

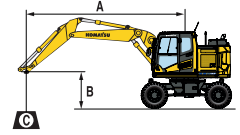
When removing linkage or cylinder, lifting capacities can be increased by their respective weights.

* Load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

 Outrigger front + rear	2100 mm	7.5 m	kg								
		6.0 m	kg	*2850	*2850						
		4.5 m	kg	*2650	*2650	*4100	*4100	*5150	*5150		
		3.0 m	kg	*2650	*2650	*4850	*4850	*6000	*6000	*8850	*8850
		1.5 m	kg	*2850	*2850	*5100	4850	*6800	*6800		
		0.0 m	kg	*3200	*3200	*5100	4800	*7000	*7000	*7700	*7700
		- 1.5 m	kg	*3900	*3900	*4450	*4450	*6400	*6400	*9200	*9200
		- 3.0 m	kg	*3500	*3500			*4550	*4550	*6500	*6500
		- 4.5 m	kg								
	2500 mm	7.5 m	kg								
		6.0 m	kg	*2350	*2350	*2600	*2600				
		4.5 m	kg	*2250	*2250	*4150	*4150				
		3.0 m	kg	*2250	*2250	*4650	*4650	*5650	*5650	*8050	*8050
		1.5 m	kg	*2350	*2350	*5000	4850	*6650	*6650	*10000	*10000
		0.0 m	kg	*2650	*2650	*5150	4800	*7000	*7000	*8150	*8150
		- 1.5 m	kg	*3200	*3200	*4700	4700	*6650	*6650	*9700	*9700
		- 3.0 m	kg	*3550	*3550			*5200	*5200	*7400	*7400
		- 4.5 m	kg								
	3000 mm	7.5 m	kg	*2400	*2400						
		6.0 m	kg	*2100	*2100	*3400	*3400				
		4.5 m	kg	*2000	*2000	*4000	*4000				
		3.0 m	kg	*2000	*2000	*3100	*3100	*4350	*4350	*5150	*5150
		1.5 m	kg	*2050	*2050	*3700	3450	*4750	*4750	*6250	*6250
		0.0 m	kg	*2300	*2300	*3450	3400	*5000	4700	*6850	*6850
		- 1.5 m	kg	*2650	*2650			*4850	4650	*6750	*6750
		- 3.0 m	kg	*3350	*3350			*3800	*3800	*5700	*5700
		- 4.5 m	kg								
		- 4.5 m	kg								

Lifting capacity / two-piece boom / undercarriage width 2.75 m

Arm length		A	B	7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	
				Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side	Rating over front	Rating over side
 Without stabiliser	2100 mm	7.5 m	kg	*3550	*3550			*3900	3800				
		6.0 m	kg	*2950	2400	3150	2400	*4050	3900				
		4.5 m	kg	2500	1900	3150	2400	4950	3750				
		3.0 m	kg	2250	1700	3050	2300	4650	3500				
		1.5 m	kg	2150	1650	2950	2200	4400	3300				
		0.0 m	kg	2250	1650	2850	2100	4250	3150				
		-1.5 m	kg	2500	1850	2850	2100	4200	3100	8150	5650		
		-3.0 m	kg										
		-4.5 m	kg										
	2500 mm	7.5 m	kg	*2850	*2850			*3900	*3900				
		6.0 m	kg	*2400	2100	3200	2450						
		4.5 m	kg	*2300	1750	3150	2400	*5000	3800				
		3.0 m	kg	2100	1550	2150	1650	3050	2350	4750	3600		
		1.5 m	kg	2000	1500	2100	1600	2950	2200	4450	3300		
		0.0 m	kg	2050	1500	2100	1550	2850	2100	4250	3150	*5450	*5450
		-1.5 m	kg	2250	1700			4200	3050	8100	5550		
		-3.0 m	kg	2950	2200			4200	3100				
		-4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	1800	3250	2500						
		4.5 m	kg	2000	1500	2200	1650	3150	2400	*3850	*3850		
		3.0 m	kg	1800	1350	2150	1600	3050	2300	4800	3600		
		1.5 m	kg	1800	1350	2100	1550	2900	2200	4450	3300		
		0.0 m	kg	1800	1350	2000	1500	2800	2050	4200	3050	*5650	5500
		-1.5 m	kg	1950	1450	2000	1500	2700	2000	4100	3000	*7800	5400
		-3.0 m	kg	2350	1750			4100	3000	*7800	5500	*3900	*3900
		-4.5 m	kg										
		-4.5 m	kg										
 Front or rear blade	2100 mm	7.5 m	kg	*3550	*3550			*3900	*3900				
		6.0 m	kg	*2950	2800	*3200	2850	*4050	*4050				
		4.5 m	kg	*2700	2250	*4150	2850	*5250	4450				
		3.0 m	kg	*2650	2000	*4400	2750	*5950	4200				
		1.5 m	kg	*2750	1950	*4750	2650	*6850	3900				
		0.0 m	kg	*3000	2000	*5000	2550	*6900	3750				
		-1.5 m	kg	*3550	2250	*4400	2550	*6150	3750	*8500	6950		
		-3.0 m	kg										
		-4.5 m	kg										
	2500 mm	7.5 m	kg	*2850	*2850			*3900	*3900				
		6.0 m	kg	*2400	*2400	*3800	2900						
		4.5 m	kg	*2300	2100	*4000	2850	*5000	4500				
		3.0 m	kg	*2250	1850	*3400	1950	*4250	2750	*5650	4200		
		1.5 m	kg	*2300	1800	*3650	1900	*4600	2650	*6650	3950		
		0.0 m	kg	*2550	1850	*3400	1850	*5000	2550	*6950	3750	*5450	*5450
		-1.5 m	kg	*2950	2050	*4650	2500	*6400	3700	*8600	6900		
		-3.0 m	kg	*3400	2650			*5000	3750				
		-4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	*2100	*3700	2900						
		4.5 m	kg	*2000	1800	*3100	1950	*3800	2850	*3850	*3850		
		3.0 m	kg	*2000	1650	*3300	1950	*4000	2750	*5300	4250		
		1.5 m	kg	*2000	1600	*3400	1850	*4350	2600	*6150	3950		
		0.0 m	kg	*2200	1650	*3650	1800	*4750	2500	*6800	3750	*5650	*5650
		-1.5 m	kg	*2500	1800	*3300	1800	*4750	2400	*6550	3600	*7800	6750
		-3.0 m	kg	*2850	2100	*3850	2400	*5500	3600	*7800	6800	*3900	*3900
		-4.5 m	kg										
		-4.5 m	kg										
 Rear outrigger	2100 mm	7.5 m	kg	*3550	*3550			*3900	*3900				
		6.0 m	kg	*2950	*2950	*3200	*3200	*4050	*4050				
		4.5 m	kg	*2700	2700	*4150	3450	*5250	*5250				
		3.0 m	kg	*2650	2450	*4400	3300	*5950	5100				
		1.5 m	kg	*2750	2400	*4750	3200	*6850	4850				
		0.0 m	kg	*3000	2450	*5000	3150	*6900	4700				
		-1.5 m	kg	*3550	2700	*4400	3150	*6150	4650	*8500	*8500		
		-3.0 m	kg										
		-4.5 m	kg										
	2500 mm	7.5 m	kg	*2850	*2850			*3900	*3900				
		6.0 m	kg	*2400	*2400	*3800	3450						
		4.5 m	kg	*2300	*2300	*4000	3450	*5000	*5000				
		3.0 m	kg	*2250	*2250	*3400	2400	*4250	3350	*5650	5200		
		1.5 m	kg	*2300	2200	*3650	2350	*4600	3200	*6650	4900		
		0.0 m	kg	*2550	2250	*3400	2300	*5000	3150	*6950	4700	*5450	*5450
		-1.5 m	kg	*2950	2500	*4650	3100	*6400	4650	*8600	*8600		
		-3.0 m	kg	*3400	3250			*5000	4650				
		-4.5 m	kg										
	3000 mm	7.5 m	kg	*2400	*2400								
		6.0 m	kg	*2100	*2100	*3700	3500						
		4.5 m	kg	*2000	*2000	*3100	2400	*3800	3450	*3850	*3850		
		3.0 m	kg	*2000	*2000	*3300	2350	*4000	3350	*5300	5250		
		1.5 m	kg	*2000	1950	*3400	2300	*4350	3200	*6150	4900		
		0.0 m	kg	*2200	2000	*3650	2250	*4750	3050	*6800	4650	*5650	*5650
		-1.5 m	kg	*2500	2200	*3300	2250	*4750	3000	*6550	4500	*7800	*7800
		-3.0 m	kg	*2850	2600	*3850	3000	*5500	4550	*7800	*7800	*3900	*3900
		-4.5 m	kg										
		-4.5 m	kg										



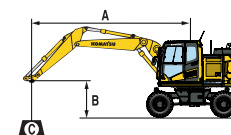
- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage and bucket cylinder
- Rating over front
- Rating over side
- Rating at maximum reach

When removing 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 ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

Arm length	A	B	7.5 m		6.0 m		4.5 m		3.0 m		1.5 m	

 Outrigger + blade	2100 mm	7.5 m	kg	*3550	*3550			*3900	*3900			
		6.0 m	kg	*2950	*2950		*3200	*3200	*4050	*4050		
		4.5 m	kg	*2700	*2700		*4150	*4150	*5250	*5250		
		3.0 m	kg	*2650	*2650		*4400	4150	*5950	*5950		
		1.5 m	kg	*2750	*2750		*4750	4050	*6850	6150		
		0.0 m	kg	*3000	*3000		*5000	3900	*6900	6000		
		- 1.5 m	kg	*3550	3450		*4400	3900	*6150	5950	*8500	*8500
		- 3.0 m	kg									
		- 4.5 m	kg									
	2500 mm	7.5 m	kg	*2850	*2850			*3900	*3900			
		6.0 m	kg	*2400	*2400		*3800	*3800				
		4.5 m	kg	*2300	*2300		*4000	*4000	*5000	*5000		
		3.0 m	kg	*2250	*2250	*3400	2950	*4250	4150	*5650	*5650	
		1.5 m	kg	*2300	*2300	*3650	2900	*4600	4050	*6650	6200	
		0.0 m	kg	*2550	*2550	*3400	2850	*5000	3900	*6950	6000	*5450
		- 1.5 m	kg	*2950	*2950			*4650	3900	*6400	5950	*8600
		- 3.0 m	kg	*3400	*3400				*5000	*5000		
		- 4.5 m	kg									
	3000 mm	7.5 m	kg	*2400	*2400							
		6.0 m	kg	*2100	*2100		*3700	*3700				
		4.5 m	kg	*2000	*2000	*3100	3000	*3800	*3800	*3850	*3850	
		3.0 m	kg	*2000	*2000	*3300	2950	*4000	*4000	*5300	*5300	
		1.5 m	kg	*2000	*2000	*3400	2850	*4350	4000	*6150	*6150	
		0.0 m	kg	*2200	*2200	*3650	2800	*4750	3900	*6800	5950	*5650
		- 1.5 m	kg	*2500	*2500	*3300	2800	*4750	3800	*6550	5850	*7800
		- 3.0 m	kg	*2850	*2850			*3850	3800	*5500	*5500	*7800
		- 4.5 m	kg									



A - Reach from swing center

B - Bucket hook height

C - Lifting capacities, including bucket linkage and bucket cylinder

- Rating over front

- Rating over side

- Rating at maximum reach

When removing 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 ISO standard 10567. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

 Outrigger front + rear	2100 mm	7.5 m	kg	*3550	*3550			*3900	*3900			
		6.0 m	kg	*2950	*2950		*3200	*3200	*4050	*4050		
		4.5 m	kg	*2700	*2700		*4150	*4150	*5250	*5250		
		3.0 m	kg	*2650	*2650		*4400	*4400	*5950	*5950		
		1.5 m	kg	*2750	*2750		*4750	*4750	*6850	*6850		
		0.0 m	kg	*3000	*3000		*5000	4750	*6900	*6900		
		- 1.5 m	kg	*3550	*3550		*4400	*4400	*6150	*6150	*8500	*8500
		- 3.0 m	kg									
		- 4.5 m	kg									
	2500 mm	7.5 m	kg	*2850	*2850			*3900	*3900			
		6.0 m	kg	*2400	*2400		*3800	*3800				
		4.5 m	kg	*2300	*2300		*4000	*4000	*5000	*5000		
		3.0 m	kg	*2250	*2250	*3400	*3400	*4250	*4250	*5650	*5650	
		1.5 m	kg	*2300	*2300	*3650	3450	*4600	*4600	*6650	*6650	
		0.0 m	kg	*2550	*2550	*3400	*3400	*5000	4750	*6950	*6950	*5450
		- 1.5 m	kg	*2950	*2950			*4650	*4650	*6400	*6400	*8600
		- 3.0 m	kg	*3400	*3400				*5000	*5000		
		- 4.5 m	kg									
	3000 mm	7.5 m	kg	*2400	*2400							
		6.0 m	kg	*2100	*2100		*3700	*3700				
		4.5 m	kg	*2000	*2000	*3100	*3100	*3800	*3800	*3850	*3850	
		3.0 m	kg	*2000	*2000	*3300	*3300	*4000	*4000	*5300	*5300	
		1.5 m	kg	*2000	*2000	*3400	*3400	*4350	*4350	*6150	*6150	
		0.0 m	kg	*2200	*2200	*3650	3400	*4750	4700	*6800	*6800	*5650
		- 1.5 m	kg	*2500	*2500	*3300	*3300	*4750	4650	*6550	*6550	*7800
		- 3.0 m	kg	*2850	*2850			*3850	*3850	*5500	*5500	*7800
		- 4.5 m	kg									

Standard and optional equipment

Engine

Komatsu SAA4D107E-5 turbocharged common rail direct injection diesel engine	●
EU Stage V compliant	●
Suction type cooling fan	●
Automatic engine warm-up system	●
Engine overheat prevention system	●
Auto-deceleration function	●
Adjustable idle shutdown	●
Engine ignition can be password secured on request	●
Batteries 2 × 12 V / 125 Ah	●
Alternator 24 V / 85 A	●
Starter motor 24 V / 5.5 kW	●

Hydraulic system

Electronic closed-centre load sensing (E-CLSS) hydraulic system (HydrauMind)	●
Pump and engine mutual control (PEMC) system	●
6-working mode selection system; Power, Lifting/Fine Operation, Breaker, Economy, Attachment Power and Attachment Economy	●
PowerMax function	●
Adjustable PPC wrist control levers for arm, boom, bucket and swing, with sliding proportional control for attachments and 5 auxiliary buttons, with FNR switch	●
Additional hydraulic circuit (HCU-B)	●
Additional hydraulic circuit (HCU-C)	○
Extension HCU-C to HCU-D	○
Komatsu Integrated Attachment Control (KIAC)	○
Boom suspension system (ECSS)	○
Prepared for hydraulic quick-coupler	○

Undercarriage

Parallel blade (front and/or rear) with cylinder protection	○
2 or 4 outriggers with cylinder protection, individually adjustable	○
Limited-slip differential (LSD)	○
Twin tyres 10.00-20 16 PR	○
Twin tyres (solid tyres) 10.00-20	○
Twin tyres 315/70 R22.5	○
Single tyres 445/70 R19.5	○
Single tyres 710/40 22.5	○
Trailer hitches	○
Fenders	○

Cabin

SpaceCab™; ROPS, highly pressurised and tightly sealed hyper viscous mounted cab with tinted safety glass windows, large roof window with sun shade, pull-up type front window with locking device, removable lower window, front window wiper with intermittent feature, sun roller blind, cigarette lighter, luggage shelf, floor mat	●
Heated air suspension seat with lumbar support, arm rests and retractable seat belt	●
Automatic climate control system	●
12/24 Volt power supplies	●
Beverage holder and magazine rack	●
Hot and cool box	●
Adjustable steering column	●
Premium comfort seat	○
DAB+ radio with Bluetooth®, USB, AUX and hands-free kit	○
Heated, adjustable, suspended seat	○
Lower wiper	○
Rain visor (not with OPG)	○
Joystick steering system	○

Safety equipment

KomVision surround view system	●
Electric horn	●
Overload warning device	●
Lockable fuel cap and covers	●
Audible travel alarm	●
Large handrails, rear-view mirrors	●
Battery main switch	●
Boom safety valves	●
Arm safety valve	●
Adjust cylinder safety valve	●
OPG Level II front guard (FOPS)	○
OPG Level II top guard (FOPS)	○
Audible travel alarm (white noise version)	○

Lighting system

Standard halogen working lights package	●
LED working lights package	○
Advanced LED working lights package	○
Beacon	○

Service and maintenance

Automatic fuel line de-aeration	●
Double element type air cleaner with dust indicator and auto dust evacuator	●
Komtrax – Komatsu wireless monitoring system (4G)	●
Multifunction video compatible colour monitor with Equipment Management and Monitoring System (EMMS) and efficiency guidance	●
Toolkit	●
Komatsu Care program (regional differences apply)	●
Remote greasing bar	●
Automatic greasing system	○

Drives and brakes

Fully automatic 3-speed transmission driving through front and rear planetary axles	●
Oscillating front axle (8°) with automatic and manual cylinder locking	●
Cruise control	●
2.55 m wide undercarriage	●
2.75 m wide undercarriage	○
Four-wheel steering configuration (4 WS) (two-wheel, four-wheel and crab steering)	○
20, 25 or 40 km/h speed limitation	○
Transmission guard	○
Automatic digging brake	○

Work equipment

Mono boom	○
Two-piece boom	○
2100 mm; 2500 mm; 3000 mm arms	○
Clamshell grip bar	○
Lehnhoff quick-couplers	○
Lehnhoff buckets	○

Other equipment

Standard counterweight	●
Single chassis tool box	●
Electric refuelling pump with automatic shut-off function	○
Additional chassis tool box	○
Biodegradable oil for hydraulic system	○
Customised paint	○
License plate holder	○

Further equipment on request

- standard equipment
- optional equipment

This specification sheet may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require. Materials and specifications are subject to change without notice.

