

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	97,0 kW/130 HP
ISO 9249 (net engine power)	90,0 kW/121 HP
No. of cylinders	4
Bore x stroke.....	107 x 124 mm
Displacement.....	4,5 ltr
Batteries	2 x 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.....	308 ltr/min
Relief valve settings	
Implement	380 bar
Travel.....	420 bar
Swing.....	295 bar
Pilot circuit	36 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.....	71 dB(A) (ISO 6396 dynamic test)
Vibration levels (EN 12096:1997)*	
Hand/arm	≤ 2,5 m/s ² (uncertainty K = 0,495 m/s ²)
Body	≤ 0,5 m/s ² (uncertainty K = 0,16 m/s ²)

* 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	41 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 / 10,5 / 2,5 km/h
A max. speed restriction of 20 km/h is available as an option.	
Maximum drawbar pull.....	9.750 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.....	6.790 mm (to center of outer wheel)

SERVICE REFILL CAPACITIES

Fuel tank.....	300 ltr
Radiator	16 ltr
Engine oil.....	17 ltr
Swing drive.....	4,5 ltr
Hydraulic tank	166 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.....	9,0 ltr

OPERATING WEIGHT (APPR.)

Undercarriage attachment type	Mono boom	Two-piece boom
Without	14.910 kg	15.120 kg
Rear blade	15.670 kg	15.880 kg
Rear outrigger	15.910 kg	16.120 kg
2 outriggers + blade	16.670 kg	16.880 kg
4 outriggers	16.910 kg	17.120 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 ³	1,13 m ³ 675 kg	0,75 m ³ 525 kg	0,66 m ³ 495 kg
Material weight up to 1,5 t/m ³	0,94 m ³ 615 kg	0,66 m ³ 495 kg	0,56 m ³ 465 kg
Material weight up to 1,8 t/m ³	0,75 m ³ 525 kg	0,56 m ³ 465 kg	0,47 m ³ 435 kg
Arm length	Two-piece boom		
	2,1 m	2,5 m	3,0 m
Material weight up to 1,2 t/m ³	1,13 m ³ 675 kg	1,04 m ³ 645 kg	0,94 m ³ 615 kg
Material weight up to 1,5 t/m ³	0,94 m ³ 615 kg	0,85 m ³ 585 kg	0,75 m ³ 525 kg
Material weight up to 1,8 t/m ³	0,75 m ³ 525 kg	0,75 m ³ 525 kg	0,66 m ³ 495 kg

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

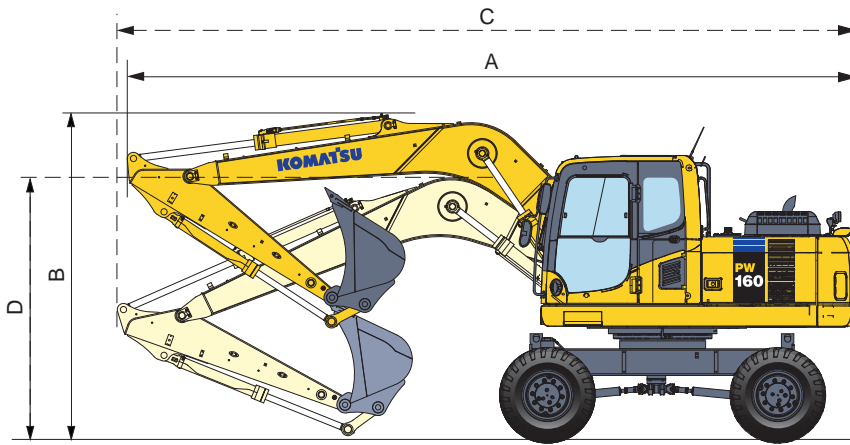
Please consult with your distributor for the correct selection of buckets and attachments to suit the application.

BUCKET AND ARM FORCE

Arm length	2,1 m	2,5 m	3,0 m
Bucket digging force	97 kN	97 kN	97 kN
Bucket digging force at PowerMax	102 kN	102 kN	102 kN
Arm crowd force	71 kN	60 kN	50 kN
Arm crowd force at PowerMax	76 kN	64 kN	53 kN

Dimensions

MONO BOOM



Driving position

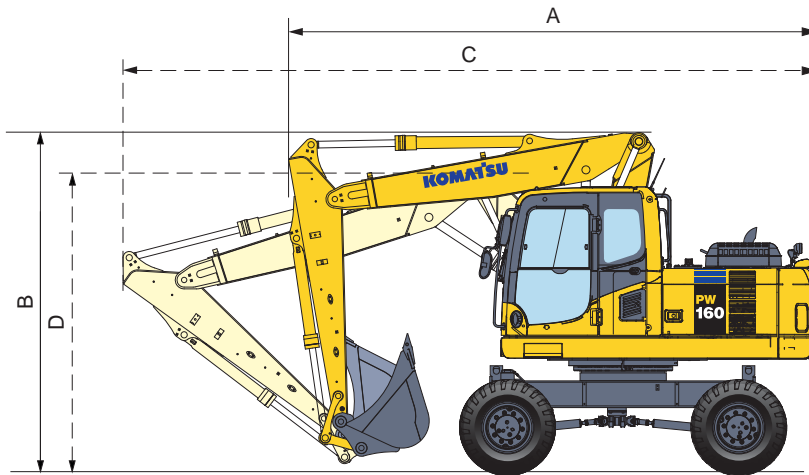
Arm length	A	B
2.100 mm	8.290 mm	3.500 mm
2.500 mm	8.290 mm	3.500 mm
3.000 mm *	8.045 mm	3.975 mm

Transport position

Arm length	C	D
2.100 mm	8.930 mm	3.185 mm
2.500 mm	8.345 mm	3.235 mm
3.000 mm	8.365 mm	3.415 mm

* Driving position without bucket

TWO-PIECE BOOM



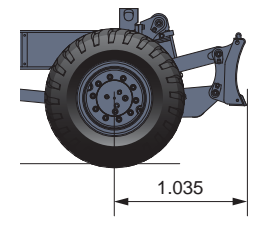
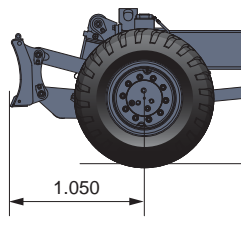
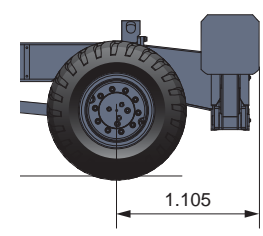
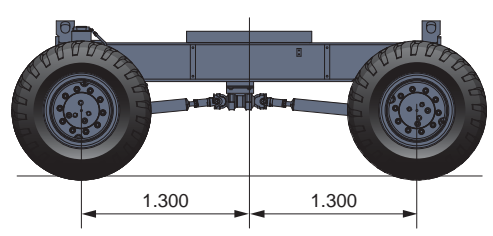
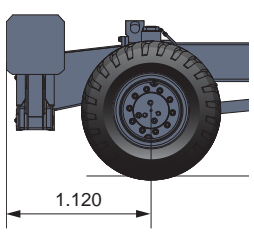
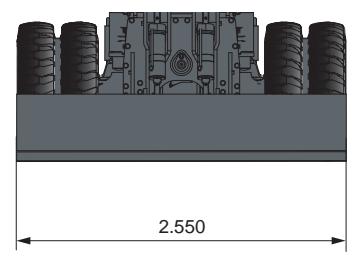
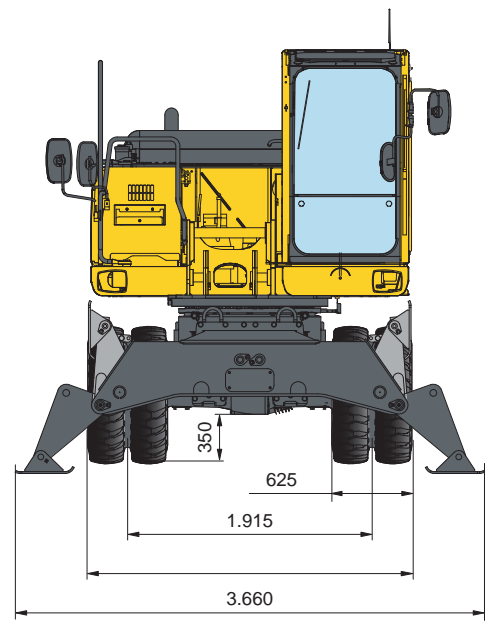
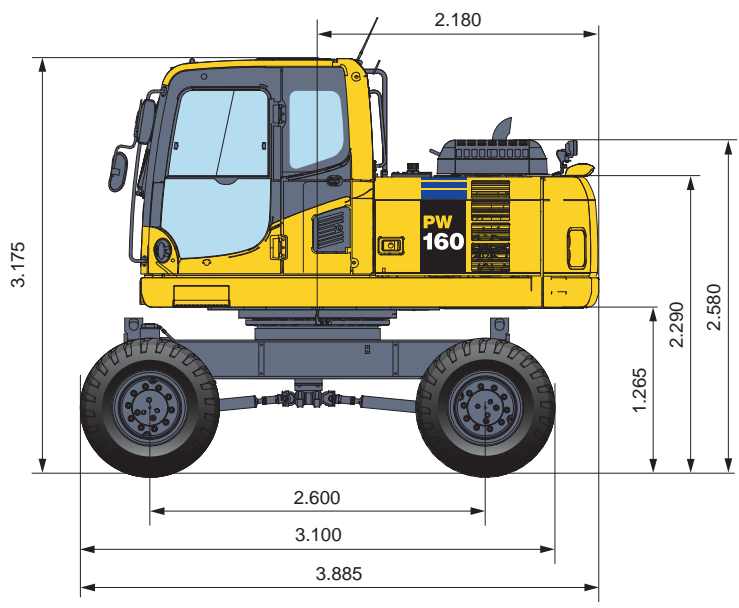
Driving position

Arm length	A	B
2.100 mm	5.765 mm	3.940 mm
2.500 mm	5.790 mm	3.940 mm
3.000 mm *	5.940 mm	3.940 mm

Transport position

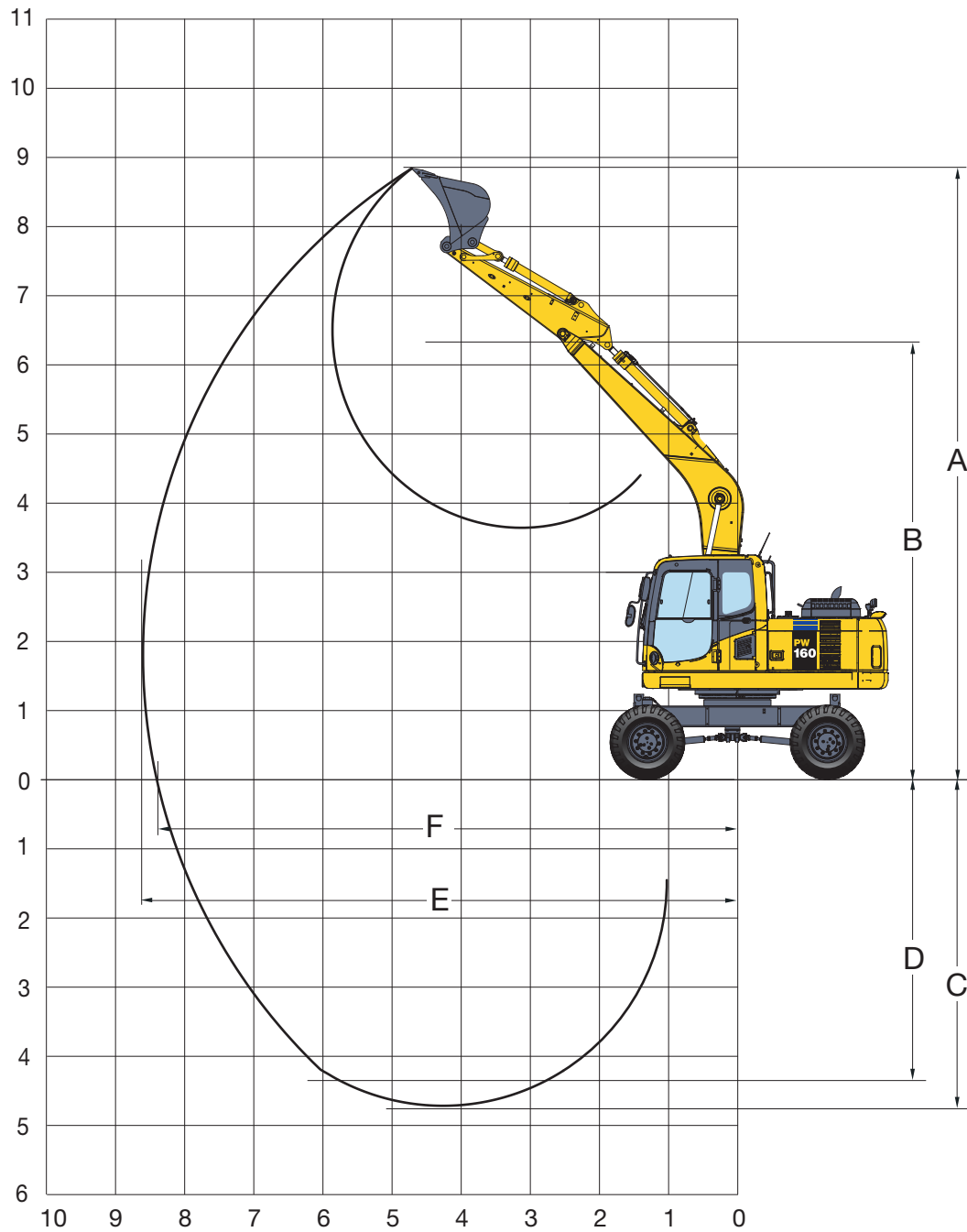
Arm length	C	D
2.100 mm	8.090 mm	3.175 mm
2.500 mm	8.110 mm	3.175 mm
3.000 mm	8.105 mm	3.175 mm

* Driving position without bucket



Working Range

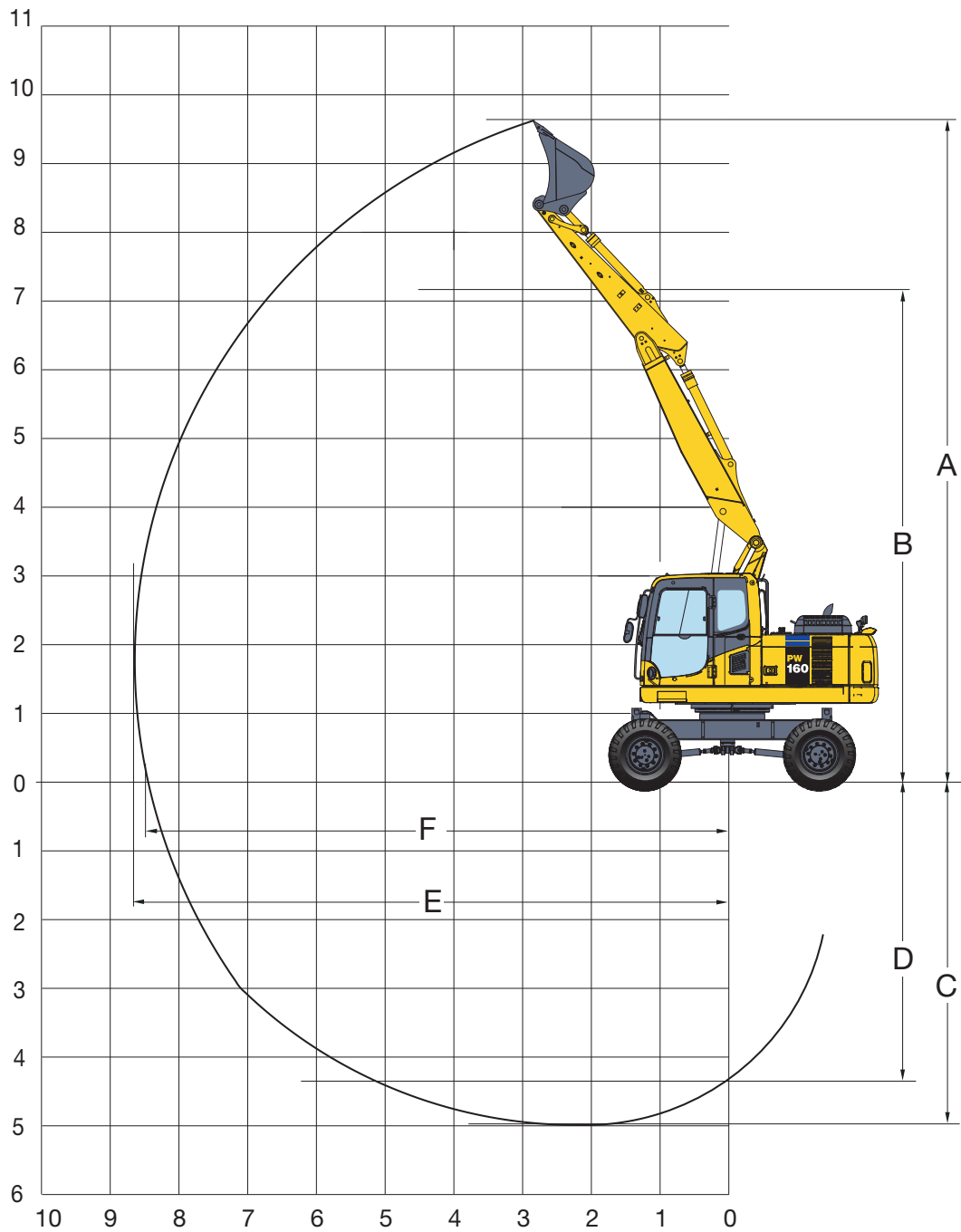
MONO BOOM



ARM LENGTH	2,1 m	2,5 m	3,0 m
A Max. digging height	8.730 mm	8.930 mm	9.285 mm
B Max. dumping height	6.335 mm	6.555 mm	6.911 mm
C Max. digging depth	4.925 mm	5.320 mm	5.600 mm
D Max. digging depth of cut for 2,44 m level	4.077 mm	4.477 mm	4.977 mm
E Max. digging reach	8.640 mm	9.070 mm	9.485 mm
F Max. digging reach at ground level	8.620 mm	8.885 mm	9.315 mm
Min. swing radius	3.205 mm	3.160 mm	3.180 mm






TWO-PIECE BOOM

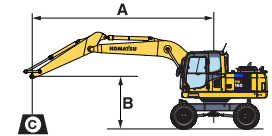


ARM LENGTH	2,1 m	2,5 m	3,0 m
A Max. digging height	9.611 mm	9.910 mm	10.337 mm
B Max. dumping height	7.135 mm	7.433 mm	7.860 mm
C Max. digging depth	4.968 mm	5.365 mm	5.861 mm
D Max. digging depth of cut for 2,44 m level	4.660 mm	5.062 mm	5.562 mm
E Max. digging reach	8.533 mm	8.905 mm	9.397 mm
F Max. digging reach at ground level	8.343 mm	8.715 mm	9.224 mm
Min. swing radius	2.330 mm	2.423 mm	2.979 mm

Lifting Capacity

MONO BOOM

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 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			
 Without stabilizer	2,1 m	7,5 m kg	*2.945	*2.945								
		6,0 m kg	*2.595	*2.295		3.645	2.695					
		4,5 m kg	*2.445	1.945		3.595	2.645	5.545	3.995			
		3,0 m kg	2.395	1.745	2.545	1.845	3.445	2.545	5.195	3.695		
		1,5 m kg	2.345	1.695	2.495	1.795	3.345	2.395	4.845	3.395		
		0,0 m kg	2.395	1.745	2.445	1.745	3.245	2.295	4.695	3.245		
	2,5 m	- 1,5 m kg	2.595	1.895		3.195	2.245	4.645	3.195	*7.395	5.495	
		- 3,0 m kg	3.195	2.295		3.245	2.345	4.695	3.245	*7.045	5.645	
		7,5 m kg	*2.295	*2.295								
		6,0 m kg	*2.095	*2.095		3.645	2.695					
		4,5 m kg	*2.045	1.845	*2.495	1.895	3.595	2.645				
		3,0 m kg	*2.095	1.645	2.545	1.845	3.495	2.545	5.245	3.745	9.995	6.545
	3,0 m	1,5 m kg	*2.195	1.595	2.445	1.795	3.345	2.395	4.945	3.445		
		0,0 m kg	2.245	1.645	2.395	1.745	3.245	2.295	4.745	3.245	*4.895	*4.895
		- 1,5 m kg	2.445	1.745		3.195	2.245	4.645	3.195	*7.595	5.545	
		- 3,0 m kg	2.895	2.095		3.195	2.295	4.695	3.245	*8.045	5.645	
		7,5 m kg	*1.945	*1.945		*2.845	2.645					
		6,0 m kg	*1.795	*1.795	*1.945	1.845	*3.395	2.695				
 Front or rear blade	2,1 m	4,5 m kg	*2.445	2.245		*5.195	3.045	*5.745	4.645			
		3,0 m kg	*2.445	2.045	*3.845	2.145	*5.595	2.945	*7.195	4.295		
		1,5 m kg	*2.545	1.995	4.495	2.095	*5.895	2.795	*7.995	3.995		
		0,0 m kg	*2.795	1.995	*3.945	2.045	*5.895	2.695	*7.945	3.845		
		- 1,5 m kg	*3.245	2.195		*5.345	2.695	*7.145	3.795	*7.395	6.745	
		- 3,0 m kg	*3.395	2.695		*3.695	2.745	*5.545	3.845	*7.045	6.895	
	2,5 m	7,5 m kg	*2.295	*2.295								
		6,0 m kg	*2.095	*2.095		*3.695	3.095					
		4,5 m kg	*2.045	*2.045	*2.495	2.195	*4.595	3.045				
		3,0 m kg	*2.095	1.945	*3.795	2.145	*5.395	2.945	*6.895	4.395	*10.545	7.845
		1,5 m kg	*2.195	1.895	4.495	2.095	*5.795	2.795	*7.845	4.095		
		0,0 m kg	*2.445	1.895	4.445	2.045	*5.895	2.695	*7.845	3.895	*4.895	*4.895
3,0 m	- 1,5 m kg	*2.895	2.095		*5.545	2.645	*7.445	3.795	*7.595	6.745		
	- 3,0 m kg	*3.645	2.445		*4.345	2.695	*6.045	3.845	*8.045	6.895		
	7,5 m kg	*1.945	*1.945		*2.845	*2.845						
	6,0 m kg	*1.795	*1.795	*1.945	*1.945	*3.395	3.145					
	4,5 m kg	*1.695	*1.695	*3.195	2.145	*3.745	3.045					
	3,0 m kg	*1.695	1.695	*3.845	2.095	*4.845	2.945	*5.945	4.395			
 Rear outrigger	2,1 m	1,5 m kg	*2.545	2.195	*4.645	2.345	*5.895	3.145	*7.995	4.545		
		0,0 m kg	*2.795	2.295	*3.945	2.345	*5.895	3.045	*7.945	4.395		
		- 1,5 m kg	*3.245	2.495		*5.345	2.995	*7.145	4.345	*7.395	*7.395	
		- 3,0 m kg	*3.395	2.995		*3.695	3.095	*5.545	4.395	*7.045	*7.045	
		7,5 m kg	*2.295	*2.295								
		6,0 m kg	*2.095	*2.095		*3.695	3.445					
	2,5 m	4,5 m kg	*2.045	*2.045	*2.495	2.445	*4.595	3.395				
		3,0 m kg	*2.095	*2.095	*3.795	2.395	*5.395	3.295	*6.895	4.945	*10.545	*9.045
		1,5 m kg	*2.195	2.095	*4.645	2.345	*5.795	3.145	*7.845	4.595		
		0,0 m kg	*2.445	2.145	*4.545	2.295	*5.895	3.045	*7.845	4.395	*4.895	*4.895
		- 1,5 m kg	*2.895	2.345		*5.545	2.995	*7.445	4.345	*7.595	*7.595	
		- 3,0 m kg	*3.645	2.745		*4.345	3.045	*6.045	4.395	*8.045	7.995	
3,0 m	7,5 m kg	*1.945	*1.945		*2.845	*2.845						
	6,0 m kg	*1.795	*1.795	*1.945	*1.945	*3.395	3.295					
	4,5 m kg	*1.695	*1.695	*3.195	2.295	*3.745	3.245					
	3,0 m kg	*1.695	*1.695	*3.845	2.245	*4.845	3.095	*5.945	4.695			
	1,5 m kg	*1.795	1.745	4.545	2.145	*5.545	2.945	*7.395	4.295			
	0,0 m kg	*1.945	1.745	4.445	2.095	*5.795	2.795	*7.895	4.045	*4.545	*4.545	
3,0 m	- 1,5 m kg	*2.195	1.895	*4.195	2.045	*5.595	2.695	*7.595	3.945	*6.445	*6.445	
	- 3,0 m kg	*2.695	2.195		*4.745	2.695	*6.495	3.945	*9.045	7.295		




- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (120 kg) and bucket cylinder (109 kg)

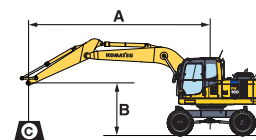
- Rating over front
- Rating over side
- Rating at maximum reach

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 SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

MONO BOOM

Arm length	A B	7,5 m		6,0 m		4,5 m		3,0 m				
 Outrigger + blade	2,1 m	7,5 m kg	*2.945	*2.945								
		6,0 m kg	*2.595	*2.595		*4.245	*4.245					
		4,5 m kg	*2.445	*2.445		*5.195	4.295	*5.745	*5.745			
		3,0 m kg	*2.445	*2.445	*3.845	3.045	*5.595	4.195	*7.195	6.295		
		1,5 m kg	*2.545	*2.545	*4.645	2.995	*5.895	4.045	*7.995	5.995		
		0,0 m kg	*2.795	*2.795	*3.945	2.945	*5.895	3.945	*7.945	5.795		
	2,5 m	- 1,5 m kg	*3.245	3.195		*5.345	3.895	*7.145	5.745	*7.395	*7.395	
		- 3,0 m kg	*3.395	*3.395		*3.695	*3.695	*5.545	*5.545	*7.045	*7.045	
		7,5 m kg	*2.295	*2.295								
		6,0 m kg	*2.095	*2.095		*3.695	*3.695					
		4,5 m kg	*2.045	*2.045	*2.495	*2.495	*4.595	4.345				
		3,0 m kg	*2.095	*2.095	*3.795	3.045	*5.395	4.195	*6.895	6.395	*10.545	*10.545
	3,0 m	1,5 m kg	*2.195	*2.195	*4.645	2.995	*5.795	4.045	*7.845	6.045		
		0,0 m kg	*2.445	*2.445	*4.545	2.945	*5.895	3.945	*8.045	5.845	*4.895	*4.895
		- 1,5 m kg	*2.895	*2.895		*5.545	3.895	*7.445	5.745	*7.595	*7.595	
		- 3,0 m kg	*3.645	3.545		*4.345	3.895	*6.045	5.795	*8.045	*8.045	
		7,5 m kg	*1.945	*1.945		*2.845	*2.845					
		6,0 m kg	*1.795	*1.795	*1.945	*1.945	*3.395	*3.395				
3,0 m	4,5 m kg	*1.695	*1.695	*3.195	3.095	*3.745	*3.745					
	3,0 m kg	*1.695	*1.695	*3.845	2.995	*4.845	4.195	*5.945	*5.945			
	1,5 m kg	*1.795	*1.795	*4.545	2.945	*5.545	3.995	*7.395	5.995			
	0,0 m kg	*1.945	*1.945	*4.545	2.845	*5.795	3.845	*7.895	5.745	*4.545	*4.545	
	- 1,5 m kg	*2.195	*2.195	*4.195	2.845	*5.595	3.795	*7.595	5.645	*6.445	*6.445	
	- 3,0 m kg	*2.695	*2.695		*4.745	3.795	*6.495	5.645	*9.045	*9.045		



A – Reach from swing center

B – Bucket hook height

C – Lifting capacities, including bucket linkage (120 kg) and bucket cylinder (109 kg)


– Rating over front

– Rating over side

– Rating at maximum reach




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

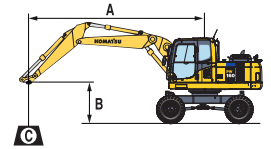
* Load is limited by hydraulic capacity rather than tipping. Ratings are based on SAE Standard No. J1097. Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

 Outrigger front + rear	2,1 m	7,5 m kg	*2.945	*2.945								
		6,0 m kg	*2.595	*2.595		*4.245	*4.245					
		4,5 m kg	*2.445	*2.445		*5.195	5.045	*5.745	*5.745			
		3,0 m kg	*2.445	*2.445	*3.845	3.545	*5.595	4.895	*7.195	*7.195		
		1,5 m kg	*2.545	*2.545	*4.645	3.495	*5.895	4.745	*7.995	7.195		
		0,0 m kg	*2.795	*2.795	*3.945	3.445	*5.895	4.645	*7.945	6.995		
	2,5 m	- 1,5 m kg	*3.245	*3.245		*5.345	4.595	*7.145	6.945	*7.395	*7.395	
		- 3,0 m kg	*3.395	*3.395		*3.695	*3.695	*5.545	*5.545	*7.045	*7.045	
		7,5 m kg	*2.295	*2.295								
		6,0 m kg	*2.095	*2.095		*3.695	*3.695					
		4,5 m kg	*2.045	*2.045	*2.495	*2.495	*4.595	*4.595				
		3,0 m kg	*2.095	*2.095	*3.795	3.545	*5.395	4.895	*6.895	*6.895	*10.545	*10.545
	3,0 m	1,5 m kg	*2.195	*2.195	*4.645	3.495	*5.795	4.745	*7.845	7.245		
		0,0 m kg	*2.445	*2.445	*4.545	3.445	*5.895	4.645	*8.045	7.045	*4.895	*4.895
		- 1,5 m kg	*2.895	*2.895		*5.545	4.595	*7.445	6.945	*7.595	*7.595	
		- 3,0 m kg	*3.645	*3.645		*4.345	*4.345	*6.045	*6.045	*8.045	*8.045	
		7,5 m kg	*1.945	*1.945		*2.845	*2.845					
		6,0 m kg	*1.795	*1.795	*1.945	*1.945	*3.395	*3.395				
3,0 m	4,5 m kg	*1.695	*1.695	*3.195	*3.195	*3.745	*3.745					
	3,0 m kg	*1.695	*1.695	*3.845	3.545	*4.845	*4.845	*5.945	*5.945			
	1,5 m kg	*1.795	*1.795	*4.545	3.445	*5.545	4.745	*7.395	7.195			
	0,0 m kg	*1.945	*1.945	*4.545	3.345	*5.795	4.595	*7.895	6.945	*4.545	*4.545	
	- 1,5 m kg	*2.195	*2.195	*4.195	3.345	*5.595	4.495	*7.595	6.845	*6.445	*6.445	
	- 3,0 m kg	*2.695	*2.695		*4.745	4.495	*6.495	*6.495	*9.045	*9.045		

Lifting Capacity

TWO-PIECE BOOM

Arm length	A	7,5 m		6,0 m		4,5 m		3,0 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			
 Without stabilizer	2,1 m	7,5 m kg	*4.195	*4.195								
		6,0 m kg	*3.565	3.005								
		4,5 m kg	*3.385	2.485		4.065	2.905	6.065	4.225	*8.575	*7.415	
		3,0 m kg	3.145	2.255		3.965	2.815	5.785	3.965			
		1,5 m kg	3.045	2.175		3.845	2.705	5.525	3.735			
		0,0 m kg	3.125	2.225		3.775	2.635	5.395	3.615			
	2,5 m	- 1,5 m kg	3.455	2.435		3.765	2.625	5.375	3.605	*9.155	6.105	
		- 3,0 m kg										
		7,5 m kg	*3.365	*3.365				*4.435	4.335			
		6,0 m kg	*2.945	2.665		*4.065	2.895	*4.975	4.375			
		4,5 m kg	*2.815	2.235		4.025	2.855	*5.845	4.205	*5.675	*5.675	
		3,0 m kg	*2.825	2.035	2.905	2.065	3.895	2.745	5.745	3.925		
	3,0 m	1,5 m kg	2.775	1.965	2.855	2.015	3.765	2.615	5.435	3.645		
		0,0 m kg	2.845	2.005			3.665	2.525	5.255	3.485	*4.715	*4.715
		- 1,5 m kg	3.105	2.165			3.635	2.495	5.215	3.445	*8.485	5.805
		- 3,0 m kg							5.285	3.505		
		7,5 m kg	*2.805	*2.805					*4.175	*4.175		
		6,0 m kg	*2.525	2.405			*3.995	2.985	*4.105	*4.105		
Front or rear blade	4,5 m kg	*2.415	2.075	2.985	2.145	4.095	2.925	*4.535	*4.315			
	3,0 m kg	*2.425	1.915	2.945	2.105	3.955	2.795	5.865	4.035	*10.295	6.945	
	1,5 m kg	*2.505	1.845	2.885	2.045	3.805	2.655	5.525	3.725			
	0,0 m kg	2.645	1.875	2.825	1.995	3.685	2.545	5.305	3.525	*5.055	*5.055	
	- 1,5 m kg	2.845	2.005			3.635	2.495	5.215	3.445	*7.695	5.815	
	- 3,0 m kg	3.325	2.315			3.655	2.515	5.245	3.475	9.745	5.905	
 Front or rear blade	2,1 m	7,5 m kg	*4.195	*4.195								
		6,0 m kg	*3.565	3.435				*5.955	5.015			
		4,5 m kg	*3.385	2.835			*5.955	3.325	*6.835	4.865	*8.575	*8.575
		3,0 m kg	*3.385	2.575			*6.375	3.225	*8.065	4.605		
		1,5 m kg	*3.545	2.495			*6.795	3.115	*9.065	4.365		
		0,0 m kg	*3.905	2.555			*6.865	3.045	*9.215	4.235		
	2,5 m	- 1,5 m kg	*4.635	2.805			*6.285	3.035	*8.485	4.225	*9.155	7.345
		- 3,0 m kg										
		7,5 m kg	*3.365	*3.365					*4.435	*4.435		
		6,0 m kg	*2.945	*2.945			*4.065	3.315	*4.975	*4.975		
		4,5 m kg	*2.815	2.565			*5.305	3.275	*5.845	4.855	*5.675	*5.675
		3,0 m kg	*2.825	2.345	*3.235	2.375	*6.055	3.155	*7.565	4.565		
	3,0 m	1,5 m kg	*2.945	2.265	*4.035	2.325	*6.545	3.025	*8.695	4.265		
		0,0 m kg	*3.215	2.315			*6.755	2.935	*9.085	4.105	*4.715	*4.715
		- 1,5 m kg	*3.755	2.515			*6.395	2.905	*8.605	4.065	*8.485	7.085
		- 3,0 m kg							*7.115	4.125		
		7,5 m kg	*2.855	*2.855					*4.235	*4.235		
		6,0 m kg	*2.575	*2.575			*4.055	3.485	*4.165	*4.165		
Rear outrigger	4,5 m kg	*2.475	2.465	*3.115	2.545	*4.605	3.435	*4.595	*4.595			
	3,0 m kg	*2.475	2.285	*4.165	2.515	*5.815	3.315	*7.195	4.785	*10.455	8.395	
	1,5 m kg	*2.565	2.225	*4.875	2.455	*6.515	3.185	*8.545	4.495			
	0,0 m kg	*2.755	2.255	*5.025	2.405	*6.875	3.085	*9.225	4.305	*5.105	*5.105	
	- 1,5 m kg	*3.125	2.415			*6.745	3.035	*9.055	4.225	*7.745	7.295	
	- 3,0 m kg	*3.885	2.795			*5.775	3.045	*7.945	4.245	*11.065	7.375	
 Rear outrigger	2,1 m	7,5 m kg	*4.195	*4.195								
		6,0 m kg	*3.565	*3.565				*5.955	*5.955			
		4,5 m kg	*3.385	*3.385			*5.955	4.735	*6.835	*6.835	*8.575	*8.575
		3,0 m kg	*3.385	*3.385			*6.375	4.605	*8.065	6.715		
		1,5 m kg	*3.545	3.515			*6.795	4.455	*9.065	6.375		
		0,0 m kg	*3.905	3.605			*6.865	4.365	*9.215	6.205		
	2,5 m	- 1,5 m kg	*4.635	3.995			*6.285	4.345	*8.485	6.185	*9.155	*9.155
		- 3,0 m kg										
		7,5 m kg	*3.365	*3.365					*4.435	*4.435		
		6,0 m kg	*2.945	*2.945			*4.065	*4.065	*4.975	*4.975		
		4,5 m kg	*2.815	*2.815			*5.305	4.675	*5.845	*5.845	*5.675	*5.675
		3,0 m kg	*2.825	*2.825	*3.235	*3.235	*6.055	4.515	*7.565	6.655		
	3,0 m	1,5 m kg	*2.945	*2.945	*4.035	3.275	*6.545	4.335	*8.695	6.255		
		0,0 m kg	*3.215	*3.215			*6.755	4.215	*9.085	6.025	*4.715	*4.715
		- 1,5 m kg	*3.755	3.565			*6.395	4.175	*8.605	5.975	*8.485	*8.485
		- 3,0 m kg							*7.115	6.055		
		7,5 m kg	*2.855	*2.855					*4.235	*4.235		
		6,0 m kg	*2.575	*2.575			*4.055	*4.055	*4.165	*4.165		













- A – Reach from swing center
- B – Bucket hook height
- C – Lifting capacities, including bucket linkage (120 kg) and bucket cylinder (109 kg)

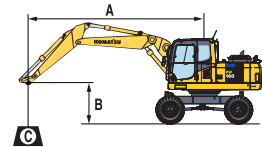
- Rating over front
- Rating over side
- Rating at maximum reach

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 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	*4.195	*4.195								
		6,0 m kg	*3.565	*3.565								
		4,5 m kg	*3.385	*3.385			*5.955	4.595	*6.835	*6.835	*8.575	*8.575
		3,0 m kg	*3.385	*3.385			*6.375	4.495	*8.065	6.635		
		1,5 m kg	*3.545	3.435			*6.795	4.375	*9.065	6.365		
		0,0 m kg	*3.905	3.905			*6.865	4.295	*9.215	6.225		
		- 1,5 m kg	*4.635	3.925			*6.285	4.285	*8.485	6.215	*9.155	*9.155
	- 3,0 m kg											
	2,5 m	7,5 m kg	*3.365	*3.365					*4.435	*4.435		
		6,0 m kg	*2.945	*2.945			*4.065	*4.065	*4.975	*4.975		
		4,5 m kg	*2.815	*2.815			*5.305	4.555	*5.845	*5.845	*5.675	*5.675
		3,0 m kg	*2.825	*2.825	*3.235	*3.235	*6.055	4.425	*7.565	6.595		
		1,5 m kg	*2.945	*2.945	*4.035	3.235	*6.545	4.285	*8.695	6.275		
		0,0 m kg	*3.215	*3.215			*6.755	4.185	*9.085	6.095	*4.715	*4.715
		- 1,5 m kg	*3.755	*3.535			*6.395	4.155	*8.605	6.045	*8.485	*8.485
	- 3,0 m kg							*7.115	6.115			
	3,0 m	7,5 m kg	*2.805	*2.805					*4.175	*4.175		
		6,0 m kg	*2.525	*2.525			*3.995	*3.995	*4.105	*4.105		
		4,5 m kg	*2.415	*2.415	*3.055	*3.055	*4.545	*4.545	*4.535	*4.535		
		3,0 m kg	*2.425	*2.425	*4.105	3.335	*5.755	4.485	*7.065	6.725	*10.295	*10.295
		1,5 m kg	*2.505	*2.505	*4.815	3.265	*6.375	4.335	*8.385	6.375		
		0,0 m kg	*2.695	*2.695	*4.965	3.205	*6.725	4.215	*9.045	6.145	*5.055	*5.055
		- 1,5 m kg	*3.065	*3.065			*6.605	4.155	*8.875	6.055	*7.695	*7.695
	- 3,0 m kg	*3.825	3.785			*5.635	4.185	*7.775	6.085	*10.845	*10.845	
 <p>Outrigger front + rear</p>	2,1 m	7,5 m kg	*4.195	*4.195								
		6,0 m kg	*3.565	*3.565					*5.955	*5.955		
		4,5 m kg	*3.385	*3.385			*5.955	*5.955	*6.835	*6.835	*8.575	*8.575
		3,0 m kg	*3.385	*3.385			*6.375	*6.375	*8.065	*8.065		
		1,5 m kg	*3.545	*3.545			*6.795	6.385	*9.065	*9.065		
		0,0 m kg	*3.905	*3.905			*6.865	6.305	*9.215	*9.215		
		- 1,5 m kg	*4.635	*4.635			*6.285	*6.285	*8.485	*8.485	*9.155	*9.155
	- 3,0 m kg											
	2,5 m	7,5 m kg	*3.365	*3.365					*4.435	*4.435		
		6,0 m kg	*2.945	*2.945			*4.065	*4.065	*4.975	*4.975		
		4,5 m kg	*2.815	*2.815			*5.305	*5.305	*5.845	*5.845	*5.675	*5.675
		3,0 m kg	*2.825	*2.825	*3.235	*3.235	*6.055	*6.055	*7.565	*7.565		
		1,5 m kg	*2.945	*2.945	*4.035	*4.035	*6.545	6.305	*8.695	*8.695		
		0,0 m kg	*3.215	*3.215			*6.755	6.195	*9.085	*9.085	*4.715	*4.715
		- 1,5 m kg	*3.755	*3.755			*6.395	6.155	*8.605	*8.605	*8.485	*8.485
	- 3,0 m kg							*7.115	*7.115			
	3,0 m	7,5 m kg	*2.805	*2.805					*4.175	*4.175		
		6,0 m kg	*2.525	*2.525			*3.995	*3.995	*4.105	*4.105		
		4,5 m kg	*2.415	*2.415	*3.055	*3.055	*4.545	*4.545	*4.535	*4.535		
		3,0 m kg	*2.425	*2.425	*4.105	*4.105	*4.645	*5.755	*7.065	*7.065	*10.295	*10.295
		1,5 m kg	*2.505	*2.505	*4.815	4.645	*6.375	6.355	*8.385	*8.385		
		0,0 m kg	*2.695	*2.695	*4.965	4.585	*6.725	6.225	*9.045	*9.045	*5.055	*5.055
		- 1,5 m kg	*3.065	*3.065			*6.605	6.155	*8.875	*8.875	*7.695	*7.695
	- 3,0 m kg	*3.825	*3.825			*5.635	*5.635	*7.775	*7.775	*10.845	*10.845	



- A** – Reach from swing center
- B** – Bucket hook height
- C** – Lifting capacities, including bucket linkage (120 kg) and bucket cylinder (109 kg)

-  – Rating over front
-  – Rating over side
-  – Rating at maximum reach

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

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