

SPECIFICATIONS



ENGINE

Model.....Komatsu SAA4D95LE-7*
 Type.....Water-cooled, 4-cycle, direct injection
 Aspiration.....Variable flow, turbocharged, air-to-air aftercooled
 Number of cylinders.....4
 Bore.....95 mm **3.74"**
 Stroke.....115 mm **4.53"**
 Piston displacement.....3.26 ltr **199 in³**
 Horsepower:
 SAE J1995.....Gross 72.6 kW **97.3 HP**
 ISO 9249 / SAE J1349.....Net 72.5 kW **97.2 HP**
 Rated rpm.....2050
 Fan at maximum speed.....Net 67.8 kW **90.9 HP**
 Fan drive method for radiator cooling.....Mechanical with viscous clutch

Governor.....All-speed control, electronic

*EPA Tier 4 Final emissions certified



HYDRAULICS

Type.....HydrauMind (Hydraulic Mechanical Intelligence) system, closed-center system with load sensing valve and pressure compensated valve

Number of selectable working modes.....6

Main pump:

Type.....Variable capacity piston type
 Pump for.....Boom, arm, bucket, swing, and travel circuits
 Maximum flow.....242 ltr/min **64 gal/min**

Hydraulic motors:

Travel.....2 x piston motor with parking brake
 Swing.....1 x piston motor with swing holding brake

Relief valve setting:

Implement circuits.....34.8 MPa 355 kgf/cm² **5,050 psi**
 Travel circuit.....34.8 MPa 355 kgf/cm² **5,050 psi**
 Swing circuit.....29.2 MPa 298 kgf/cm² **4,240 psi**
 Pilot circuit.....3.2 MPa 33 kgf/cm² **470 psi**

Maximum Auxiliary Flow.....242 ltr/min **64 gal/min**
 at 250 kgf/cm² **3,553 psi***

Hydraulic cylinders:

(Number of cylinders – bore x stroke x rod diameter)

Boom 2–105 mm x 1055 mm x 70 mm **4.1" x 41.5" x 2.76"**
 Arm 1–110 mm x 1175 mm x 75 mm **4.3" x 46.3" x 2.95"**
 Bucket.. 1–95 mm x 885 mm x 65 mm **3.7" x 34.8" x 2.56"**



DRIVES AND BRAKES

Steering control.....Two levers with pedals

Drive method.....Fully hydrostatic

Maximum drawbar pull.....123 kN 12500 kgf **27,560 lbf**

Gradeability.....70%, 35°

Maximum travel speed: High.....5.1 km/h **3.2 mph**
 (Auto-shift) Low.....2.9 km/h **1.8 mph**

Service brake.....Hydraulic lock

Parking brake.....Wet, multiple-disc



SWING SYSTEM

Driven by.....Hydraulic motor
 Swing reduction.....Planetary gear
 Swing circle lubrication.....Grease-bathed
 Service brake.....Hydraulic lock
 Swing lock.....Wet, multiple-disc brake
 Swing speed.....11.0 rpm
 Swing torque.....2991 kg.m **21,627 ft lbs**



UNDERCARRIAGE

Center frame.....X-frame leg
 Track frame.....Box-section
 Track type.....Sealed track
 Track adjuster.....Hydraulic
 Number of shoes (each side).....46
 Number of carrier rollers (each side).....2
 Number of track rollers (each side).....8



SOUND PERFORMANCE

Exterior – ISO 6395.....101 dB(A)

Operator – ISO 6396.....71 dB(A)



COOLANT & LUBRICANT CAPACITY (REFILLING)

Fuel tank.....200 ltr **52.8 U.S. gal**
 Coolant.....17.7 ltr **4.6 U.S. gal**
 Engine.....11.5 ltr **3.0 U.S. gal**
 Final drive, each side.....2.1 ltr **.55 U.S. gal**
 Swing drive.....2.5 ltr **0.7 U.S. gal**
 Hydraulic tank.....69.0 ltr **18.2 U.S. gal**
 DEF tank.....12.6 ltr **3.3 U.S. gal**



OPERATING WEIGHT (APPROXIMATE)

Operating weight includes 4600 mm **15'1"** one-piece boom, 2500 mm **8'2"** arm, SAE heaped 0.51 m³ **0.67 yd³** backhoe bucket, rated capacity of lubricants, coolant, full fuel tank, operator, and standard equipment.

Triple-Grouser	Operating Weight	Ground Pressure ISO 16754
Road Liner		
500 mm 20"	15682 kg 34,563 lb	45.29 kPa / 0.46 kg/cm² 6.57 psi
600 mm 24"	15732 kg 34,673 lb	37.86 kPa / 0.39 kg/cm² 5.49 psi
700 mm 28"	15932 kg 35,114 lb	32.87 kPa / 0.34 kg/cm² 4.77 psi

Component Weights

Arm including bucket cylinder and linkage

2500 mm **8'2"** arm assembly.....529 kg **1,164 lb**
 2500 mm **8'2"** arm assembly w/piping.....558 kg **1,228 lb**
 3000 mm **9'10"** arm assembly.....643 kg **1,415 lb**
 3000 mm **9'10"** arm assembly w/piping.....678 kg **1,492 lb**

One piece boom including arm cylinder

4600 mm **15'1"** boom.....962 kg **2,118 lb**

Counterweight.....3460 kg **7,630 lb**

Blade including blade cylinders.....848 kg **1,870 lb**

Bucket 0.51 m³ **0.67 yd³** 762 mm **30"** width....517 kg **1,140 lb**

* Auxiliary flow is adjustable through the monitor.

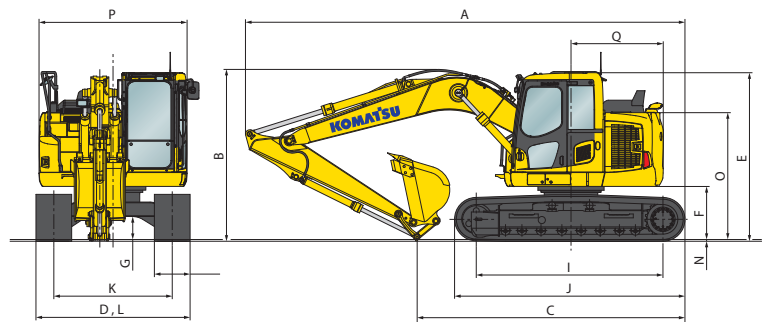
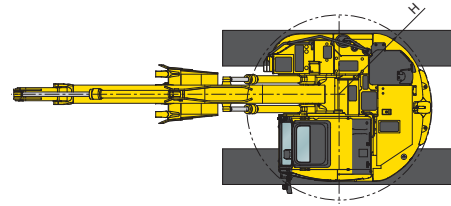


DIMENSIONS

	Arm Length	2500 mm	8'2"	3000 mm	9'10"
	Boom length	4600 mm	15'1"	4600 mm	15'1"
A	Overall length	7385 mm	24'3"	7285 mm	23'11"
B	Overall height (to top of boom)*	2850 mm	9'4"	3210 mm	10'6"
C	Length on ground (transport)	4540 mm	14'11"	4400 mm	14'5"
D	Overall width	2590 mm	8'6"		
E	Overall height (to top of cab)*	2815 mm	9'3"		
F	Ground clearance, counterweight	900 mm	2'11"		
G	Ground clearance, minimum	395 mm	1'4"		
H	Tail swing radius	1545 mm	5'1"		
I	Track length on ground	3140 mm	10'4"		
J	Track length	3870 mm	12'8"		
K	Track gauge	1990 mm	6'6"		
L	Width of crawler (500 mm Shoe)	2490 mm	8'2"		
	(600 mm Shoe)	2590 mm	8'6"		
	(700 mm Shoe)	2690 mm	8'10"		
N	Grouser height	20 mm	0.8"		
O	Machine height to top of counterweight	2140 mm	7'0"		
P	Machine upper width	2490 mm	8'2"		
Q	Distance, swing center to rear end	1545 mm	5'1"		

* : Including grouser height

Blade 2590mm **8'6"** wide x 590mm **1' 11"**



BACKHOE BUCKET, ARM AND BOOM COMBINATION

Bucket Type	Bucket						Arms	
	Capacity		Width		Weight		2.5 m (8'2")	3.0 m (9'10")
Komatsu TL	0.26 m³	0.34 yd³	457 mm	18"	332 kg	732 lb	V	V
	0.38 m³	0.50 yd³	610 mm	24"	387 kg	853 lb	V	V
	0.51 m³	0.67 yd³	762 mm	30"	437 kg	963 lb	V	V
	0.63 m³	0.83 yd³	914 mm	36"	499 kg	1,099 lb	W	X
	0.76 m³	1.00 yd³	1067 mm	42"	559 kg	1,232 lb	X	Y
Komatsu HP	0.26 m³	0.34 yd³	457 mm	18"	379 kg	836 lb	V	V
	0.31 m³	0.40 yd³	508 mm	20"	396 kg	873 lb	V	V
	0.38 m³	0.50 yd³	610 mm	24"	457 kg	1,007 lb	V	V
	0.51 m³	0.67 yd³	762 mm	30"	517 kg	1,140 lb	V	W
	0.63 m³	0.83 yd³	914 mm	36"	591 kg	1,303 lb	W	X
	0.76 m³	1.00 yd³	1067 mm	42"	664 kg	1,464 lb	Y	Z
Komatsu HPS	0.26 m³	0.34 yd³	457 mm	18"	406 kg	895 lb	V	V
	0.31 m³	0.40 yd³	508 mm	20"	426 kg	939 lb	V	V
	0.38 m³	0.50 yd³	610 mm	24"	493 kg	1,086 lb	V	V
	0.51 m³	0.67 yd³	762 mm	30"	562 kg	1,240 lb	V	W
	0.63 m³	0.83 yd³	914 mm	36"	645 kg	1,423 lb	X	Y
	0.76 m³	1.00 yd³	1067 mm	42"	728 kg	1,605 lb	Y	Z

V - Used with material weights up to 3,500 lb/yd³

X - Used with material weights up to 2,500 lb/yd³

Z - Not useable

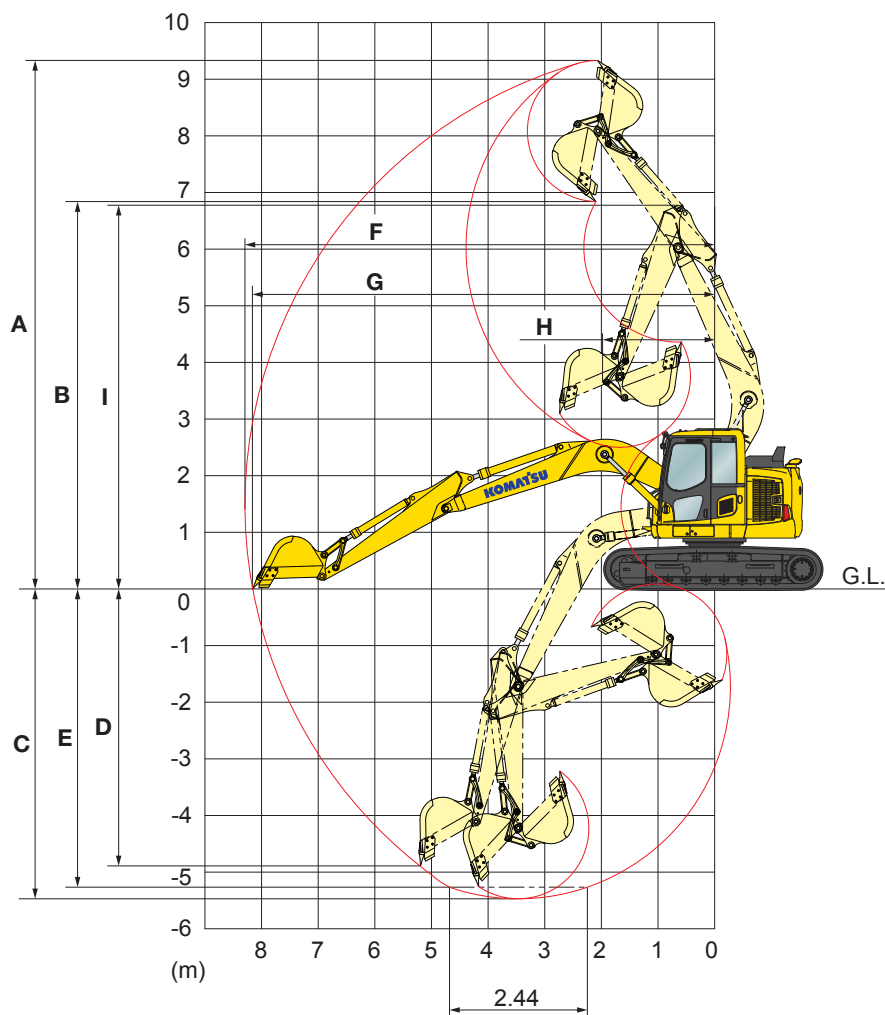
W - Used with material weights up to 3,000 lb/yd³

Y - Used with material weights up to 2,000 lb/yd³

SPECIFICATIONS



WORKING RANGE

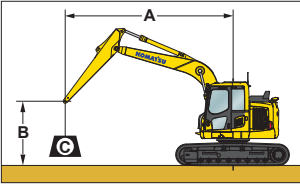


Arm Length		2500 mm	8'2"	3000 mm	9'10"
A	Max. digging height	9340 mm	30'8"	9700 mm	31'10"
B	Max. dumping height	6840 mm	22'5"	7350 mm	24'1"
C	Max. digging depth	5480 mm	18'0"	5900 mm	19'4"
D	Max. vertical wall digging depth	4900 mm	16'1"	5340 mm	17'6"
E	Max. digging depth for 8' level bottom	5265 mm	17'3"	5715 mm	18'9"
F	Max. digging reach	8300 mm	27'3"	8720 mm	28'7"
G	Max. digging reach at ground level	8180 mm	26'10"	8600 mm	28'3"
H	Min. swing radius	1980 mm	6'6"	2264 mm	7'5"
I	Max. height at min. swing radius	6770 mm	22'3"	6770 mm	22'3"
SAE rating	Bucket digging force	81.4 kN 8300 kg / 18,300 lb		78.0 kN 7950 kg / 17,530 lb	
	Arm crowd force	60.8 kN 6200 kgf / 13,670 lb		54.4 kN 5550 kgf / 12,235 lb	
ISO rating	Bucket digging force	93.2 kN 9500 kg / 20,945 lb		88.3 kN 9000 kg / 19,840 lb	
	Arm crowd force	61.8 kN 6300 kgf / 13,890 lb		55.9 kN 5700 kgf / 12,570 lb	

LIFT CAPACITIES



LIFTING CAPACITY WITH LIFTING MODE



- A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 ☉: Rating at maximum reach

Conditions:

- 4600 mm **15' 1"** one-piece boom
- Counterweight (total mass):
3460 kg **7,630 lb**
- Bucket: None
- Lifting mode: On

Arm: 2500 mm 8'2" Shoes: 500 mm 20" triple grouser

Blade: No Blade

Unit: kg lb

B	A		1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'					* 3470	* 3470							* 2500	* 2500
					* 7650	* 7650							* 5510	* 5510
6.1 m 20'							* 3360	* 3360					* 2010	* 2010
							* 7420	* 7420					* 4430	* 4430
4.6 m 15'							* 3730	* 3730	* 3010	2490			* 1870	* 1870
							* 8220	* 8220	* 6650	5500			* 4140	* 4140
3.0 m 10'			* 6000	* 6000	* 4600	3730	3890	2440					* 1870	* 1870
			* 13230	* 13230	* 10150	8230	8590	5380					* 4140	* 4140
1.5 m 5'			* 8460	6340	* 5570	3510	3790	2350					* 1980	1820
			* 18660	13980	* 12290	7750	8370	5180					* 4370	4010
0 m 0'			* 5730	* 5970	5680	3350	3700	2270					* 2210	1830
			* 14850	* 13160	12540	7380	8157	5010					* 4880	4050
-1.5 m -5'	* 3920	* 3920	* 9030	5910	5500	3270	3660	2230					* 2880	2000
	* 8640	* 8640	* 19920	13030	12340	7210	8080	4920					* 5920	4420
-3.0 m -10'	* 7540	* 7540	* 7570	5980	* 5240	3290							* 3790	2470
	* 16620	* 16620	* 16700	13200	* 11570	7260							* 8350	5460

Arm: 2500 mm 8'2" Shoes: 500 mm 20" triple grouser

Blade: Blade Included - Blade on Ground

Unit: kg lb

B	A		1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'					* 3470	* 3470							* 2500	* 2500
					* 7650	* 7650							* 5510	* 5510
6.1 m 20'							* 3360	* 3360					* 2010	* 2010
							* 7420	* 7420					* 4430	* 4430
4.6 m 15'							* 3730	* 3730	* 3010	2530			* 1870	* 1870
							* 8220	* 8220	* 6650	5800			* 4140	* 4140
3.0 m 10'			* 6000	* 6000	* 4600	3920	* 3950	2570					* 1870	* 1870
			* 13260	* 13260	* 10150	8660	* 8710	5680					* 4140	* 4140
1.5 m 5'			* 8460	6680	* 5570	3710	* 4320	2480					* 1980	1930
			* 18660	14730	* 12290	8180	* 9520	5480					* 4370	4250
0 m 0'			* 6730	* 6310	* 6150	3540	* 4560	2400					* 2210	1950
			* 14850	* 13920	* 13580	7810	* 10050	5310					* 4880	4300
-1.5 m -5'	* 3920	* 3920	* 9030	6250	* 6100	3460	* 4390	2370					* 2680	2130
	* 8640	* 8640	* 19920	13780	* 13440	7640	* 9690	5220					* 5920	4590
-3.0 m -10'	* 7540	* 7540	* 7570	6330	* 5240	3480							* 3790	2620
	* 16620	* 16620	* 16700	13950	* 11570	7690							* 8350	5790

Arm: 3000 mm 9'10" Shoes: 500 mm 20" triple grouser

Blade: No Blade

Unit: kg lb

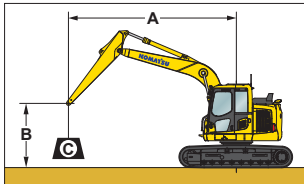
B	A		1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'							* 2060	* 2060					* 1980	* 1980
							* 4550	* 4550					* 4380	* 4380
6.1 m 20'							* 2960	* 2960	* 1860	* 1860			* 1660	* 1660
							* 6520	* 6520	* 4100	* 4100			* 3670	* 3670
4.6 m 15'							* 2990	* 2990	* 2910	2500			* 1560	* 1560
							* 6600	* 6600	* 6420	5510			* 3430	* 3430
3.0 m 10'			* 3850	* 3850	* 3680	* 3680	* 3470	2430	* 1650	* 1650	* 1550	* 1550	* 3420	* 3420
			* 8500	* 8500	* 8110	* 8110	* 7650	5360	* 3640	* 3640	* 3420	* 3420		
1.5 m 5'			* 7590	6440	* 5180	3510	3770	2320	* 2410	1550	* 1620	1610		
			* 16740	14210	* 11420	7740	8320	5120	* 5310	3670	* 3580	3550		
0 m 0'			* 7920	5940	5650	3310	3660	2220	* 2300	1620	* 1780	1620		
			* 17460	13100	12470	7290	8080	4900	* 5070	3580	* 3940	3570		
-1.5 m -5'	* 3520	* 3520	* 8510	5780	5520	3190	3600	2160			* 2100	1740		
	* 7770	* 7770	* 18760	12750	12180	7050	7940	4770			* 4640	3850		
-3.0 m -10'	* 7130	* 7130	* 8150	5830	5490	3190	3610	2170			* 2780	2080		
	* 15710	* 15710	* 17970	12860	12120	7040	7950	4790			* 6130	4600		
-4.6 m -15'			* 5710	* 5710	* 3680	3300					* 3190	3070		
			* 12600	* 12600	* 8120	7280					* 7050	6780		

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

LIFT CAPACITIES



LIFTING CAPACITY WITH LIFTING MODE



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

Conditions:

- 4600 mm 15' 1" one-piece boom
- Counterweight (total mass): 3460 kg 7,630 lb
- Bucket: None
- Lifting mode: On

Arm: 3000 mm 9'10" Shoes: 500 mm 20" triple grouser Blade: Blade Included - Blade on Ground Unit: kg lb

B	A 1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'					* 2060	* 2060					* 1980	* 1980
					* 4550	* 4550					* 4380	* 4380
6.1 m 20'					* 2960	* 2960	* 1860	* 1860			* 1660	* 1660
					* 6520	* 6520	* 4100	* 4100			* 3670	* 3670
4.6 m 15'					* 2990	* 2990	* 2910	2630			* 1560	* 1560
					* 6600	* 6600	* 6420	5810			* 3430	* 3430
3.0 m 10'			* 3850	* 3850	* 3680	* 3680	* 3470	2560	* 1650	* 1650	* 1550	* 1550
			* 8500	* 8500	* 8110	* 8110	* 7650	5660	* 3640	* 3640	* 3420	* 3420
1.5 m 5'			* 7590	6780	* 5180	3700	* 4070	2560	* 2410	1770	* 1620	* 1620
			* 15740	14950	* 11420	8170	* 8980	5660	* 5310	3900	* 3580	* 3580
0 m 0'			* 7920	6280	* 5940	3500	* 4420	2360	* 2300	1730	* 1780	1720
			* 17460	13850	* 13110	7720	* 9740	5200	* 5070	3810	* 3940	3800
-1.5 m -5'	* 3520	* 3520	* 8510	6130	* 6070	3390	* 4430	2300			* 2100	1860
	* 7770	* 7770	* 18760	13510	* 13400	7480	* 9770	5070			* 4640	4100
-3.0 m -10'	* 7130	* 7130	* 8150	6170	* 5540	3380	* 3770	2310			* 2780	2210
	* 15710	* 15710	* 17970	13610	* 12220	7460	* 8320	5090			* 6130	4880
-4.6 m -15'			* 5710	* 5710	* 3680	* 3460					* 3190	* 3190
			* 12600	* 12600	* 8120	* 7640					* 7050	* 7050

Arm: 2500 mm 8'2" Shoes: 600 mm 24" triple grouser Blade: No Blade Unit: kg lb

B	A 1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'			* 3470	* 3470							* 2500	* 2500
			* 7650	* 7650							* 5510	* 5510
6.1 m 20'					* 3360	* 3360					* 2010	* 2010
					* 7420	* 7420					* 4430	* 4430
4.6 m 15'					* 3730	* 3730	* 3010	2520			* 1870	* 1870
					* 8220	* 8220	* 6650	5560			* 4140	* 4140
3.0 m 10'			* 6000	* 6000	* 4600	3770	3940	2470			* 1870	* 1870
			* 13230	* 13230	* 10150	8320	8590	5440			* 4140	* 4140
1.5 m 5'			* 8450	6410	* 5570	3550	3840	2380			* 1980	1840
			* 18650	14130	* 12290	7840	8470	5250			* 4370	4060
0 m 0'			* 6730	6040	5750	3390	3750	2300			* 2210	1860
			* 14850	13320	12690	7470	8270	5070			* 4880	4100
-1.5 m -5'	* 3920	* 3920	* 9030	5980	5660	3310	3710	2260			* 2680	2030
	* 8640	* 8640	* 19920	13190	12490	7300	8180	4990			* 5920	4480
-3.0 m -10'	* 7540	* 7540	* 7570	6060	* 5240	3330					* 3790	2510
	* 16620	* 16620	* 16700	13360	* 11570	7350					* 8350	5530

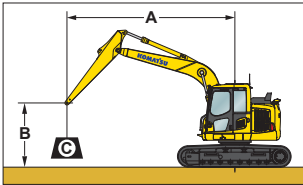
Arm: 2500 mm 8'2" Shoes: 600 mm 24" triple grouser Blade: Blade Included - Blade on Ground Unit: kg lb

B	A 1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'			* 3470	* 3470							* 2500	* 2500
			* 7650	* 7650							* 5510	* 5510
6.1 m 20'					* 3360	* 3360					* 2010	* 2010
					* 7420	* 7420					* 4430	* 4430
4.6 m 15'					* 3730	* 3730	* 3010	2650			* 1870	* 1870
					* 8220	* 8220	* 6650	5960			* 4140	* 4140
3.0 m 10'			* 6000	* 6000	* 4600	3970	* 3950	2600			* 1870	* 1870
			* 13230	* 13230	* 10150	8750	* 8710	5740			* 4140	* 4140
1.5 m 5'			* 8460	6750	* 5570	3750	* 4320	2510			* 1980	1950
			* 18660	14890	* 12290	8270	* 9520	5540			* 4370	4300
0 m 0'			* 6730	* 6380	* 6160	3880	* 4560	2430			* 2210	1970
			* 14850	* 14070	* 13580	7900	* 10050	5370			* 4880	4350
-1.5 m -5'	* 3920	* 3920	* 9030	6320	* 6100	3500	* 4390	2390			* 2680	2150
	* 8640	* 8640	* 19920	13940	* 13440	7730	* 9690	5280			* 5920	4750
-3.0 m -10'	* 7540	* 7540	* 7670	6400	* 5240	3520					* 3790	2650
	* 16620	* 16620	* 16700	14110	* 11570	7780					* 8350	5860

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



LIFTING CAPACITY WITH LIFTING MODE



- A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 ☉: Rating at maximum reach

Conditions:

- 4600 mm **15' 1"** one-piece boom
- Counterweight (total mass):
3460 kg **7,630 lb**
- Bucket: None
- Lifting mode: On

Arm: 3000 mm 9'10"

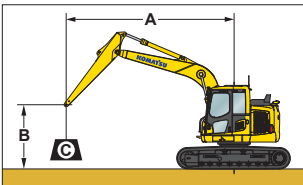
Shoes: 600 mm 24" triple grouser

Blade: No Blade

Unit: kg lb

B	A		1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m							* 2060	* 2060					* 1980	* 1980
25'							* 4550	* 4550					* 4380	* 4380
6.1 m							* 2960	* 2960	* 1860	* 1860			* 1660	* 1660
20'							* 6520	* 6520	* 4100	* 4100			* 3670	* 3670
4.6 m							* 2990	* 2990	* 2910	2530			* 1560	* 1560
15'							* 6660	* 6660	* 6420	5580			* 3430	* 3430
3.0 m			* 3850	* 3850	* 3680	* 3680	* 3470	2460	* 1650	* 1650	* 1550	* 1550		
10'			* 8500	* 8500	* 8110	* 8110	* 7550	5420	* 3640	* 3640	* 3420	* 3420		
1.5 m			* 7590	6510	* 5180	3550	3820	2350	* 2410	1680	* 1620	* 1620		
5'			* 16740	14360	* 11420	7830	8420	5190	* 5310	3720	* 3580	* 3580		
0 m			* 7920	6010	5720	3350	3710	2250	* 2300	1640	* 1780	1640		
0'			* 17460	13260	12620	7380	8180	4970	* 5070	3630	* 3940	3620		
-1.5 m	* 3520	* 3520	* 8510	5850	5590	3240	3640	2190			* 2100	1770		
-5'	* 7770	* 7770	* 18760	12910	12330	7140	8040	4840			* 4640	3900		
-3.0 m	* 7130	* 7130	* 8150	5900	* 5540	3230	3650	2200			* 2780	2110		
-10'	* 15710	* 15710	* 17970	13010	* 12220	7130	8050	4850			* 5130	4660		
-4.6 m			* 5710	* 5710	* 3680	3340					* 3190	3110		
-15'			* 12600	* 12600	* 8120	7370					* 7050	6850		

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



- A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 ☉: Rating at maximum reach

Conditions:

- 4600 mm **15' 1"** one-piece boom
- Counterweight (total mass):
3460 kg **7,630 lb**
- Bucket: None
- Lifting mode: On

Arm: 3000 mm 9'10"

Shoes: 600 mm 24" triple grouser

Blade: Blade Included - Blade on Ground

Unit: kg lb

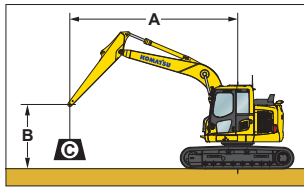
B	A		1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		☉ MAX	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m							* 2060	* 2060					* 1980	* 1980
25'							* 4550	* 4550					* 4380	* 4380
6.1 m							* 2960	* 2960	* 1860	* 1860			* 1660	* 1660
20'							* 6520	* 6520	* 4100	* 4100			* 3670	* 3670
4.6 m							* 2990	* 2990	* 2910	2660			* 1560	* 1560
15'							* 6600	* 6600	* 6420	5870			* 3430	* 3430
3.0 m			* 3850	* 3850	* 3880	* 3880	* 3470	2590	* 1650	* 1650	* 1550	* 1550		
10'			* 8500	* 8500	* 8110	* 8110	* 7650	5720	* 3640	* 3640	* 3420	* 3420		
1.5 m			* 7590	6860	* 5180	3740	* 4070	2480	* 2410	1790	* 1620	* 1620		
5'			* 16740	15120	* 11420	8260	* 8980	5480	* 5310	3950	* 3580	* 3580		
0 m			* 7920	6350	* 5940	3540	* 4420	2390	* 2300	1750	* 1780	1740		
0'			* 17460	14010	* 13110	7810	* 9740	5260	* 5070	3860	* 3940	3850		
-1.5 m	* 3520	* 3520	* 8510	6200	* 6070	3430	* 4430	2330			* 2100	1880		
-5'	* 7770	* 7770	* 18760	13670	* 13400	7570	* 9770	5140			* 4640	4150		
-3.0 m	* 7130	* 7130	* 8150	6240	* 5540	3420	* 3770	2330			* 2780	2240		
-10'	* 15710	* 15710	* 17970	13770	* 12220	7550	* 8320	5150			* 6130	4940		
-4.6 m			* 5710	* 5710	* 3680	3500					* 3190	3190		
-15'			* 12600	* 12600	* 8120	7720					* 7050	7050		

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.

LIFT CAPACITIES



LIFTING CAPACITY WITH LIFTING MODE

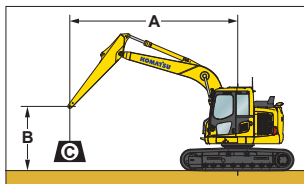


A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

Conditions:
• 4600 mm 15' 1" one-piece boom
• Counterweight (total mass):
3460 kg 7,630 lb
• Bucket: None
• Lifting mode: On

Arm: 2500 mm 8'2" Shoes: 700 mm 28" triple grouser Blade: No Blade												Unit: kg lb	
A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX		
B	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.6 m			* 3470	* 3470							* 2500	* 2500	
25'			* 7650	* 7650							* 5510	* 5510	
6.1 m					* 3360	* 3360					* 2010	* 2010	
20'					* 7420	* 7420					* 4430	* 4430	
4.6 m					* 3730	* 3730	* 3010	2550			* 1870	* 1870	
15'					* 8220	* 8220	* 6650	5630			* 4140	* 4140	
3.0 m		* 6000	* 6000	* 4600	3820	* 3950	2500				* 1870	* 1870	
10'		* 13230	* 13230	* 10150	8420	* 8710	5510				* 4140	* 4140	
1.5 m		* 8460	* 8460	* 5570	3600	3890	2410				* 1980	1860	
5'		* 18660	* 18660	* 12290	7940	8580	5320				* 4370	4120	
0 m		* 6730	* 6120	5830	3430	3800	2380				* 2210	1880	
0'		* 14850	* 13490	12860	7570	8390	5140				* 4880	4160	
-1.5 m	* 3920	* 3920	* 9030	6060	5740	3360	3760	2290			* 2690	2050	
-5'	* 8640	* 8640	* 19920	13360	12660	7400	8290	5050			* 5920	4540	
-3.0 m	* 7540	* 7540	* 7560	6140	* 5240	3380					* 3790	2540	
-10'	* 16520	* 16520	* 16700	13530	* 11570	7450					* 8350	5610	
-4.6 m													
-15'													

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



A: Reach from swing center
B: Bucket hook height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side
⊗: Rating at maximum reach

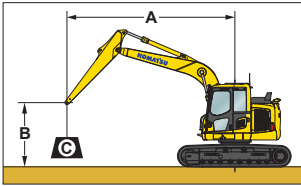
Conditions:
• 4600 mm 15' 1" one-piece boom
• Counterweight (total mass):
3460 kg 7,630 lb
• Bucket: None
• Lifting mode: On

Arm: 2500 mm 8'2" Shoes: 700 mm 28" triple grouser Blade: Blade Included - Blade on Ground												Unit: kg lb	
A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		⊗ MAX		
B	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.6 m			* 3470	* 3470							* 2500	* 2500	
25'			* 7650	* 7650							* 5510	* 5510	
6.1 m					* 3360	* 3360					* 2010	* 2010	
20'					* 7420	* 7420					* 4430	* 4430	
4.6 m					* 3730	* 3730	* 3010	2690			* 1870	* 1870	
15'					* 8220	* 8220	* 6650	5930			* 4140	* 4140	
3.0 m		* 6000	* 6000	* 4600	4010	* 3950	2630				* 1870	* 1870	
10'		* 13200	* 13200	* 10150	8850	* 8710	5810				* 4140	* 4140	
1.5 m		* 8460	6830	* 5570	3790	* 4320	2540				* 1980	1970	
5'		* 18660	15070	* 12290	8370	* 9520	5610				* 4370	4360	
0 m		* 6730	* 6480	* 6160	3630	* 4560	2460				* 2210	2000	
0'		* 14850	* 14250	* 13580	8000	* 10050	5440				* 4880	4410	
-1.5 m	* 3920	* 3920	* 9030	6400	* 6100	3550	* 4390	2430			* 2680	2180	
-5'	* 8640	* 8640	* 19920	14120	* 13440	7830	* 9590	5350			* 5920	4810	
-3.0 m	* 7540	* 7540	* 7570	6480	* 5240	3570					* 3790	2690	
-10'	* 16620	* 16620	* 16700	14290	* 11570	7880					* 8350	5930	
-4.6 m													
-15'													

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



LIFTING CAPACITY WITH LIFTING MODE



- A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 ☉: Rating at maximum reach

Conditions:

- 4600 mm 15' 1" one-piece boom
- Counterweight (total mass): 3460 kg 7,630 lb
- Bucket: None
- Lifting mode: On

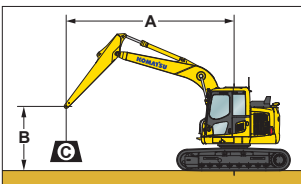
Arm: 3000 mm 9'10" Shoes: 700 mm 28" triple grouser

Blade: No Blade

Unit: kg lb

A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		MAX	
B	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'					* 2060	* 2060					* 1980	* 1980
					* 4550	* 4550					* 4380	* 4380
6.1 m 20'					* 2960	* 2960	* 1860	* 1860			* 1660	* 1660
					* 6520	* 6520	* 4100	* 4100			* 3670	* 3670
4.6 m 15'					* 2990	* 2990	* 2910	2560			* 1560	* 1560
					* 6500	* 6500	* 6420	5650			* 3430	* 3430
3.0 m 10'			* 3850	* 3850	* 3680	* 3680	* 3470	2490	* 1650	* 1650	* 1550	* 1550
			* 8500	* 8500	* 8110	* 8110	* 7650	5490	* 3640	* 3640	* 3420	* 3420
1.5 m 5'			* 7590	6590	* 5180	3590	3870	2380	* 2410	1710	* 1620	* 1620
			* 16740	14540	* 11420	7930	8540	5250	* 5310	3770	* 3580	* 3580
0 m 0'			* 7920	6090	5800	3390	3760	2280	* 2900	1670	* 1780	1660
			* 17460	13490	12790	7480	8290	5030	* 5070	3680	* 3940	3670
-1.5 m -5'	* 3520	* 3520	* 8510	5930	5670	3280	3690	2220			* 2100	1790
	* 7770	* 7770	* 18760	13090	12500	7240	8150	4910			* 4640	3960
-3.0 m -10'	* 7130	* 7130	* 8150	5980	* 5540	3270	3700	2230			* 2780	2140
	* 15710	* 15710	* 17970	13190	* 12220	7230	8170	4920			* 6130	4720
-4.6 m -15'			* 5710	* 5710	* 3680	3380					* 3190	3150
			* 12600	* 12600	* 8120	7470					* 7050	5960

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



- A: Reach from swing center
 B: Bucket hook height
 C: Lifting capacity
 Cf: Rating over front
 Cs: Rating over side
 ☉: Rating at maximum reach

Conditions:

- 4600 mm 15' 1" one-piece boom
- Counterweight (total mass): 3460 kg 7,630 lb
- Bucket: None
- Lifting mode: On

Arm: 3000 mm 9'10" Shoes: 700 mm 28" triple grouser

Blade: Blade Included - Blade on Ground

Unit: kg lb

A	1.5 m 5'		3.0 m 10'		4.6 m 15'		6.1 m 20'		7.6 m 25'		MAX	
B	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs
7.6 m 25'					* 2980	* 2980					* 1980	* 1980
					* 6520	* 6520					* 4380	* 4380
6.1 m 20'					* 2060	* 2060	* 1860	* 1860			* 1660	* 1660
					* 4550	* 4550	* 4100	* 4100			* 3670	* 3670
4.6 m 15'					* 2990	* 2990	* 2910	2690			* 1560	* 1560
					* 6600	* 6600	* 6420	5940			* 3430	* 3430
3.0 m 10'			* 3850	* 3850	* 3680	* 3680	* 3470	2620	* 1650	* 1650	* 1550	* 1550
			* 8500	* 8500	* 8110	* 8110	* 7650	5790	* 3640	* 3640	* 3420	* 3420
1.5 m 5'			* 7590	6940	* 5180	3790	* 4070	2520	* 2410	1810	* 1620	* 1620
			* 16740	15300	* 11420	8360	* 8980	5550	* 5310	4000	* 3580	* 3580
0 m 0'			* 7920	6430	* 5940	3590	* 4420	2420	* 2300	1770	* 1780	1770
			* 17460	14190	* 13110	7910	* 9740	5330	* 5070	3910	* 3940	3900
-1.5 m -5'	* 3520	* 3520	* 8510	6280	* 6070	3470	* 4430	2360			* 2100	1910
	* 7770	* 7770	* 18760	13840	* 13400	7670	* 9770	5200			* 4640	4210
-3.0 m -10'	* 7130	* 7130	* 8150	6320	* 5540	3470	* 3770	2370			* 2780	2270
	* 15710	* 15710	* 17970	13940	* 12220	7650	* 8320	5220			* 6130	5010
-4.6 m -15'			* 5710	* 5710	* 3680	* 3550					* 3190	* 3190
			* 12600	* 12600	* 8120	* 7820					* 7050	* 7050

*Asterisk indicates load is limited by hydraulic capacity rather than tipping. Ratings are based on ISO standard No. 10567. Rated load capacity does not exceed 87% of hydraulic lift capacity or 75% of tipping load. Total weight of bucket and/or installed attachments must be deducted from the capacities shown above. Lift capacity chart is based on machine located on a solid, level and uniform surface. Load ratings are at the arm bucket pin location, use of any attachment point in a different location to handle objects could affect excavator lift performance.



STANDARD EQUIPMENT

ENGINE

- Air cleaner, double element with auto dust evacuator
- Cooling fan, viscous type
- Debris guards for radiator and oil cooler
- Engine, Komatsu SAA4D95LE-7
- Engine overheat prevention system

ELECTRICAL SYSTEM

- Alternator, 24 V/60 A
- Auto-decelerator
- Batteries, 2 x 12 V/72 Ah
- Electric horn
- Starting motor 24 V/4.5 kW
- Working light on boom
- Working lights on cab (2)

HYDRAULIC SYSTEM

- Boom holding valve

GUARDS AND COVERS

- Fan guard structure
- Handrails
- Pump/engine partition cover

UNDERCARRIAGE

- Shoe, 600 mm **24"** triple grouser

OPERATOR ENVIRONMENT

- 2 x 12 V power points
- 2 way multi-control valve
- 24 V - 12 V power converter
- Automatic A/C
- Auto idle shutdown function
- Auxiliary input jack
- Cab includes: antenna, AM/FM radio, floor mat, intermittent front windshield wiper and washer, large ceiling hatch, pull-up front window, removable lower windshield
- Foldable mirror (LH)
- Large high resolution LCD monitor
- Lock lever
- Mirror (Rear)
- Operator identification function
- Operator protective top guard, OPG level 1 (ISO 10262)
- Rear view monitor system
- ROPS cab (ISO 12117-2)
- Seat belt, 76 mm **3"**
- Suspension seat
- Swing holding brake

OTHER

- Counterweight (total mass), 3460 kg **7,630 lb**
- Equipment management monitoring system
- KOMTRAX®
- Pattern change valve
- Rear reflector
- Travel alarm



OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM

- Hydraulic control unit - 1 additional actuator (+ 1 Hydraulics) with one and two-way flow

GUARDS AND COVERS

- Cab guard
 - Full front guard, OPG level 1 (ISO 10262)
 - Full front guard, OPG level 2 (ISO 10262)
 - Bolt-on top guard, OPG level 2 (ISO 10262)

UNDERCARRIAGE

- Extended track frame steps for 700 mm **28"** tracks
- Shoes
 - 500 mm **20"** triple grouser
 - 700 mm **28"** triple grouser
 - 500 mm **20"** rubber roadliner

OPERATOR ENVIRONMENT

- Sunvisor

WORK EQUIPMENT

- Arms
 - 2500 mm **8'2"** arm assembly
 - 2500 mm **8'2"** arm assembly with piping
 - 3000 mm **9'10"** arm assembly
 - 3000 mm **9'10"** arm assembly with piping
- Booms
 - 4600 mm **15'1"** boom assembly
 - 4600 mm **15'1"** boom assembly with piping
- Blade
 - 2490 mm **8'6"** wide blade

KOMATSU®

Note: All comparisons and claims of improved performance made herein are made with respect to the prior Komatsu model unless otherwise specifically stated.