

# SPECIFICATIONS



## ENGINE

Model ..... Komatsu SAA4D95LE-5\*  
 Type ..... Water cooled, 4-cycle, direct injection  
 Aspiration ..... Turbocharged, and air-to-air aftercooled  
 Number of cylinders ..... 4  
 Piston displacement ..... 3.26 ltr **199 in<sup>3</sup>**  
 Horsepower:  
 Net (ISO 9249/SAE J1349) ..... 41 kW **55 HP @ 1950 rpm**

\*EPA Interim Tier 4 and EU Stage 3A certified.



## ELECTRICAL SYSTEM

Operating voltage ..... 24 V  
 Battery ..... 55 Ah/2 x 12 V  
 Alternator ..... 35 A  
 Starter ..... 4.5 kW



## HYDRAULIC SYSTEM

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

Main pumps:

Type ..... Variable displacement, axial piston  
 Maximum flow ..... 160 ltr/min **42.3 U.S. gal/min**

Type ..... Fixed displacement gear  
 Maximum flow ..... 63 ltr/min **16.6 U.S. 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, travel circuit ..... 26.5 MPa 270 kgf/cm<sup>2</sup> **3,840 psi**  
 Swing circuit ..... 20.6 MPa 210 kgf/cm<sup>2</sup> **2,990 psi**  
 Blade circuit (Raise) ..... 12.7 MPa 130 kgf/cm<sup>2</sup> **1,850 psi**  
 (Lower) ..... 21.1 MPa 215 kgf/cm<sup>2</sup> **3,060 psi**



## PERFORMANCE

Travel speed  
 High ..... 5.0 km/hr **3.1 mph**  
 Low ..... 2.9 km/hr **1.8 mph**  
 Swing speed ..... 10 rpm  
 Ground pressure ..... 0.34 kg/cm<sup>2</sup> **4.83 psi**  
 Max. drawbar pull ..... 66.9 kN 6820 kgf **15,050 lbf**  
 Gradeability ..... 35°  
 Bucket digging force (ISO) ..... 6250 kg **13,780 lb**  
 Arm crowd force (ISO) ..... 3520 kg **7,760 lb**



## SWING SYSTEM

Driven by ..... Hydraulic motor  
 Swing reduction ..... Planetary gear  
 Swing circle lubrication ..... Grease-bathed  
 Swing lock ..... Mechanical disc brake



## DRIVES AND BRAKES

Steering control ..... Two levers with pedals  
 Drive method ..... Fully hydrostatic  
 Service brake ..... Hydraulic lock  
 Parking brake ..... Mechanical disc



## UNDERCARRIAGE

Center frame ..... X-frame  
 Track frame ..... Box-section  
 Track type ..... Sealed track  
 Track adjuster ..... Hydraulic  
 Number of carrier rollers (each side) ..... 1  
 Number of track rollers (each side) ..... 5



## REFILL CAPACITIES

Fuel tank	125 ltr	<b>33.0 U.S. gal</b>
Radiator	10 ltr	<b>2.6 U.S. gal</b>
Engine	11.0 ltr	<b>2.9 U.S. gal</b>
Final drive, each side	1.1 ltr	<b>0.3 U.S. gal</b>
Swing drive	2.0 ltr	<b>0.5 U.S. gal</b>
Hydraulic tank	56 ltr	<b>14.8 U.S. gal</b>



## OPERATING WEIGHT (APPROXIMATE)

Operating weight including 3710 mm **12'2"** one-piece boom, 2250 mm **7'5"** arm, SAE heaped 0.28 m<sup>3</sup> **0.37 yd<sup>3</sup>** backhoe bucket, cab, rubber shoe, blade, rated capacity of lubricants, coolant, full fuel tank, operator, and other standard equipment.

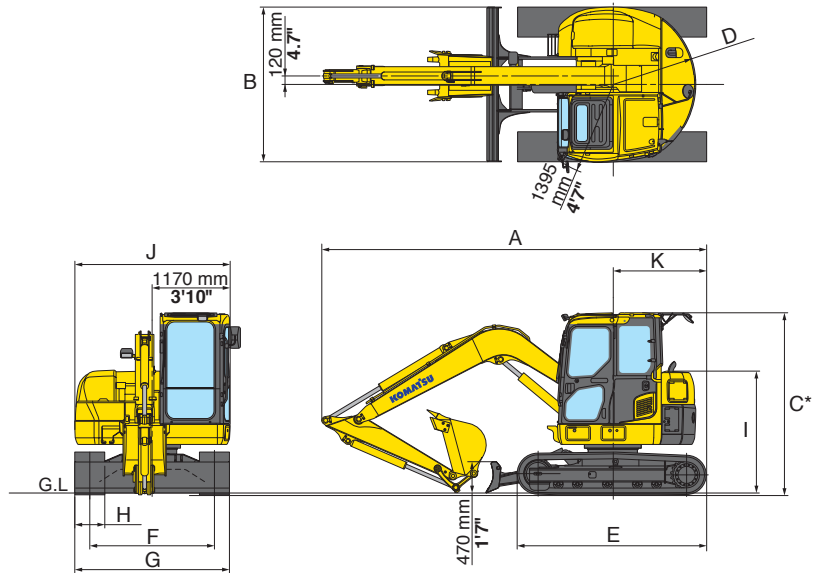
Operating weight ..... 7365 kg **16,240 lb**



**DIMENSIONS**

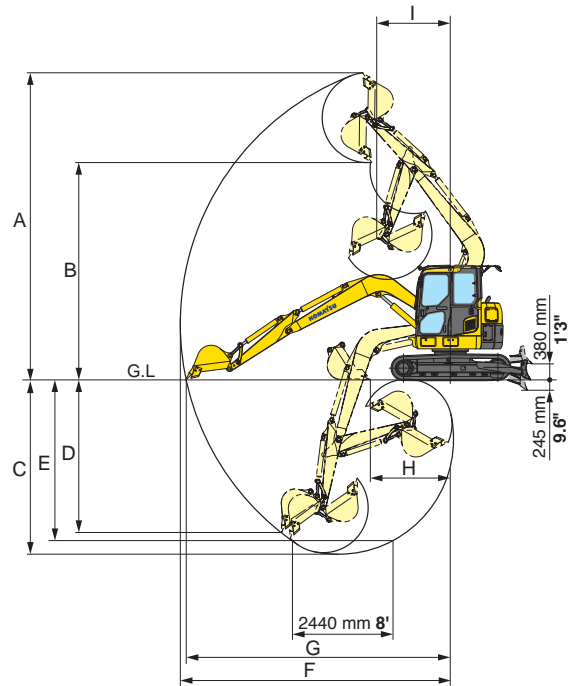
A	Overall length	6295 mm 20'8"
B	Overall width	2330 mm 7'8"
C*	Overall height	2730 mm 8'11"
D	Tail swing radius	1240 mm 4'1"
E	Crawler length	2840 mm 9'4"
F	Track gauge	1870 mm 6'2"
G	Width of crawler	2320 mm 7'7"
H	Track shoe width	450 mm 17.7"
I	Machine cab height	1835 mm 6'0"
J	Machine cab width	2330 mm 7'8"
K	Distance swing center to rear end	1405 mm 4'7"

\* including grouser height



**WORKING RANGE**

	Boom Length	3710 mm 12'2"
	Arm Length	2250 mm 7'5"
A	Maximum digging height	7600 mm 24'11"
B	Maximum dumping height	5500 mm 18'1"
C	Maximum digging depth	4710 mm 15'5"
D	Maximum vertical wall digging depth	4030 mm 13'3"
E	Maximum digging depth of cut for 2440 mm 8' level	4430 mm 14'6"
F	Maximum digging reach	6920 mm 22'8"
G	Maximum digging reach at ground	6790 mm 22'3"
H	Minimum digging reach at ground	1735 mm 5'8"
I	Minimum swing radius	2050 mm 6'9"



**LIFTING CAPACITY**

Blade on ground		Unit: kgf lbf							
		1.5 m 4'11"		3.0 m 9'10"		4.5 m 14'9"		Maximum Reach	
		Front	Side	Front	Side	Front	Side	Front	Side
Arm Length 2250 mm 7'5"	5 m 16'5"	—	—	—	—	1490* 3290*	1260 2780	1420* 3140*	1150 2540
	3 m 9'10"	—	—	1870* 4130*	1870* 4130*	1570* 3470*	1230 2710	1350* 2990*	770 1700
	0 m 0'	—	—	3320* 7330*	2020 4460	2090* 4600*	1060 2350	1520* 3360*	680 1510
	-2 m 6'7"	4230* 9330*	4230* 9330*	3010* 6640*	1950 4300	1880* 4140*	1020 2260	1540* 3400*	870 1920

\*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 capacity or 75% of tipping load.