



ENGINE

Model	Kubota D1803
Emissions Certification	Tier 4 Final
Fuel	Diesel
Cylinders	3
Displacement	111.4 in ³ (1 826 cc)
Fuel injection	Electronic common rail
Gross horsepower – SAE J1995 @ 2300 RPM:	43.3 hp (32.3 kW)
Maximum Engine Torque @ 1600 RPM:	110.6 lb ft (150 Nm)
Minimum RPM	1,000
Maximum RPM	2,400
Cooling	Liquid
Cooling Fan:	Variable Speed Hydraulic cooling fan w/ reverse function

DRIVETRAIN

Travel speeds – 2-speed travel w/ auto-shift:	
1st	1.6 mph (2.6 kph)
2nd	2.8 mph (4.5 kph)
Maximum traction force	9,577 lbf (42.6 kN)
Gradeability	30° (60%)
Ground pressure:	
Canopy	4.1 psi (0.29 kgf/cm ²)
Cab	4.3 psi (0.3 kgf/cm ²)

ELECTRICAL

Voltage	12 Volts
Alternator rating	70 amp
Battery	1 x 12 V x 74 Ah

OPERATOR ENVIRONMENT

ROPS/FOPS Four Post Canopy: Adjustable Vinyl mechanical suspension seat w/ automatic weight control; ROPS/FOPS Enclosed Cab: Overhead opening front window, Sliding right side window, Heat & A/C – automatic climate control or manual w/ 6 adjustable vents, Radio & Speakers, Adjustable Cloth mechanical suspension seat w/ automatic weight control, Front wiper and washer, Hammer for emergency exit, Rear view mirrors – left and right; Tipping cab/canopy for servicing; Height adjustable arm rests; Controls cut-out lever (safety lever); Auto-idle/manual idle button; Engine rpm hand dial; 2 in (51 mm) Seat belt; Bottle/cup holder; Keyed locks common w/ starting key; Foot rests; 2- 12V auxiliary socket; USB type power socket 7 in LCD Control Panel; Display Navigation console.

Controls:

Travel Levers; Foldable travel foot pedals; Pilot controlled joysticks for boom, arm, bucket, and swing; Operation joysticks; Blade control lever.

Display includes:

Coolant Temp; Hydraulic Oil Temp; Fuel Level; Machine hours; Time; Climate Control; Engine; RPM; Warning Indicators; Message area; DPF Regeneration request; Function Indicators.

OPERATING WEIGHT

Canopy operating weight:

Short arm	9,259 lb (4 200 kg)
Long arm w/ additional counterweight	9,921 lb (4 500 kg)

Cab operating weight:

Short arm	9,590 lb (4 350 kg)
Long arm w/ additional counterweight	10,251 lb (4 650 kg)

Counterweights:

Standard	110 lb (50 kg)
Additional	617 lb (280 kg)
Additional – heavy	925 lb (420 kg)

NOTE: w/rubber tracks/no quick coupler/bucket/fluids/full of fuel/165 lb operator.

HYDRAULICS

Load Sensing closed center w/ “Flow Sharing” control valve

Pump type	1 Electronic control Load Sensing pump w/ variable flow rate + 1 gear pump
Pump displacement	3.3 + 0.7 in ³ (53.7 + 11.2 cc)
Total flow rate	28.3 + 5.9 gpm (107 + 22.3 L/min)

Operating Pressures:

Boom, bucket, blade, travel motors:		4,061 psi (280 bar)
Slewing Gear Motor		2,828 psi (195 bar)
Pilot controls		493 psi (34 bar)

Auxiliary flow:

Aux. 1 – 1 or 2-way circuit:	
Max. Flow	18.5 gpm (70 L/min)
Max. Pressure	2,900 psi (200 bar)
Aux. 2 – 2-way circuit:	
Max. Flow	10.6 gpm (40 L/min)
Max. Pressure	4,061 psi (280 bar)
Aux. 3 – 2-way circuit:	
Max. Flow	10.6 gpm (40 L/min)
Max. Pressure	4,061 psi (280 bar)

Swing Motor: Hydraulic drive units w/ axial pistons and hydraulic released brake

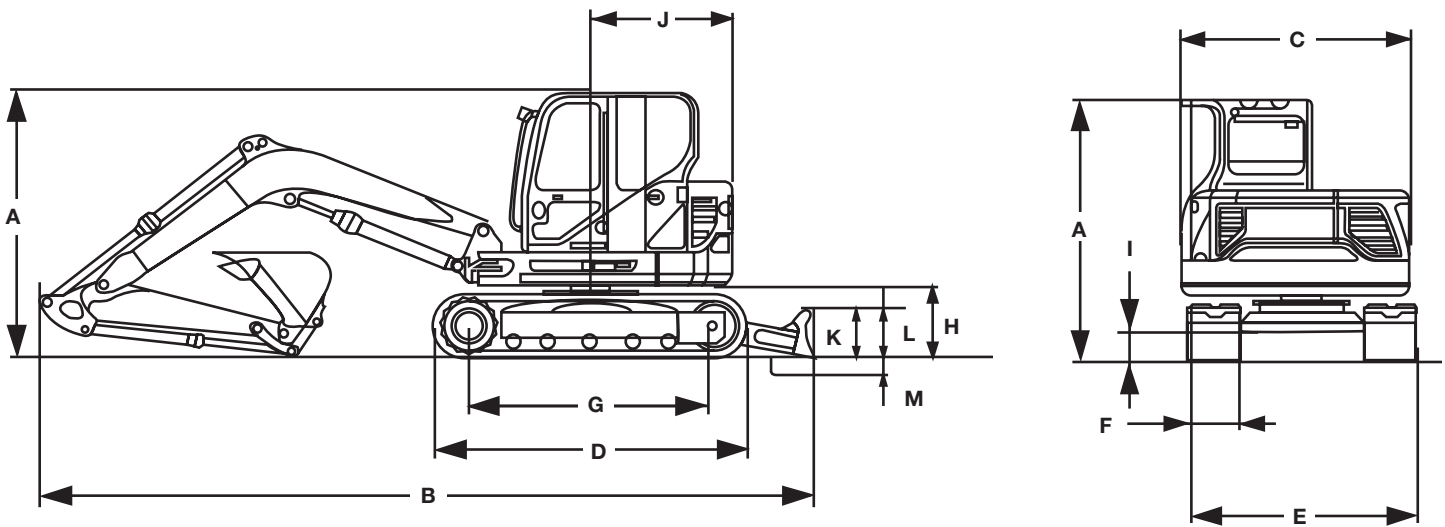
Travel Motor: Hydraulic drive units w/ axial pistons, Auto-Shift 2-speed transmission, and hydraulic released parking brake

SERVICE CAPACITIES

Fuel tank	15.9 gal (60 L)
Hydraulic tank:	
Refill capacity	13.2 gal (50 L)
Total system	17.2 gal (65 L)
Cooling system	2.4 gal (9 L)
Engine oil	1.8 gal (7 L)

OTHER SPECIFICATIONS

Swing speed	10.5 RPM
Rubber tracks dimensions	13.8 x 2.2 x 3.5 in (350 x 55 x 88 mm)
Undercarriage:	
Track rollers	1 upper/5 lower each
Boom:	
Swing	71° left/56° right
Length	8 ft 2 in (2.5 m)
Arm:	
Standard length	4 ft 7 in (1.4 m)
Long arm length	5 ft 5 in (1.65 m)
Sound Pressure Internal – ISO6396 – LpA:	
Canopy	81 dBA
Cab	74 dBA
Sound Power External – LwA	
	96 dBA
Vibrations ISO 2631 – hand	0.98 m/s ²
Vibrations ISO 2631 – whole body	0.45 m/s ²



Line drawings are for illustrative purpose only
and may not be exact representation of unit.

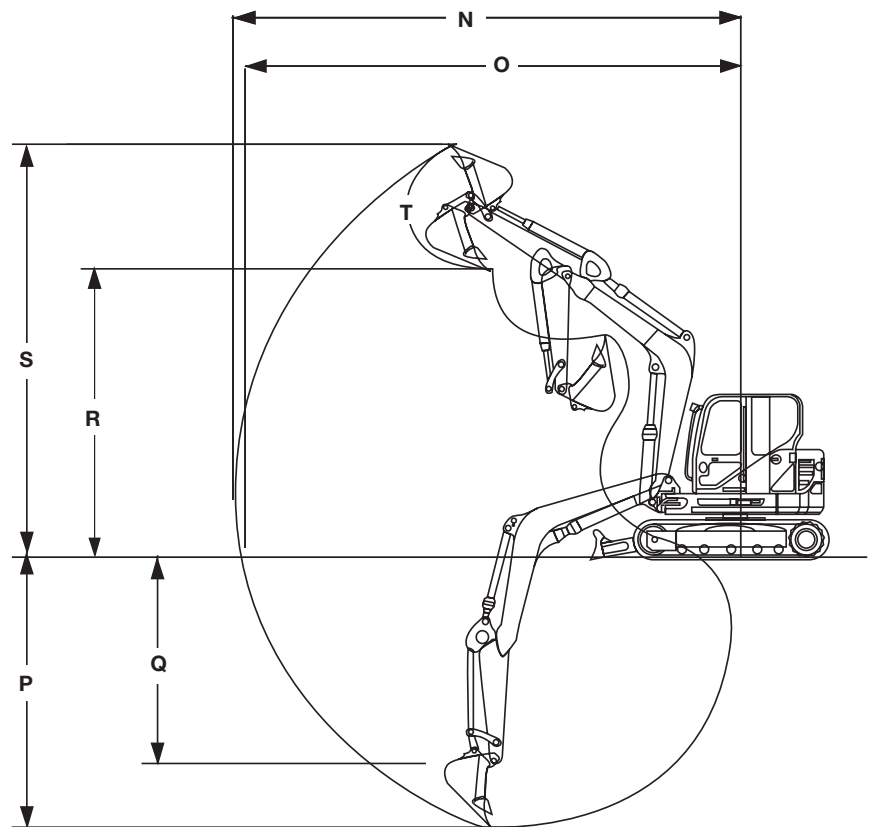
DIMENSIONS

4 ft 7 in (1.40 m) Arm

A. Overall height	8 ft 3 in (2 510 mm)
B. Overall transport length	17 ft 5 in (5 300 mm)
C. Width of upper structure	5 ft 7 in (1 716 mm)
D. Track overall length	7 ft 5 in (2 260 mm)
E. Track overall width	5 ft 9 in (1 750 mm)
F. Track shoe width	1 ft 2 in (350 mm)
G. Center to center – idler to sprocket	5 ft 11 in (1 810 mm)
H. Upper structure ground clearance	1 ft 10 in (550 mm)
I. Minimum ground clearance	11.4 in (290 mm)
J. Tail swing radius:	
Standard counterweight	2 ft 10 in (875 mm)
Additional counterweight	3 ft 2 in (965 mm)
Additional counterweight – heavy	3 ft 4 in (1 015 mm)
Boom swing	71° left/56° right
Tail swing overhang:	
Standard counterweight	0 in (0 mm)
Additional counterweight	3.5 in (90 mm)
Additional counterweight – heavy	5.5 in (140 mm)

BLADE SPECS

K. Backfill blade height	1 ft 4 in (410 mm)
L. Backfill blade rise above ground	1 ft 3 in (380 mm)
M. Backfill blade dig depth	1 ft 1 in (330 mm)
Backfill blade width	5 ft 9 in (1 750 mm)



PERFORMANCE SPECS

4 ft 7 in (1.40 m) Arm

5 ft 5 in (1.65 m) Arm

N. Maximum dig radius	17 ft 9 in (5 400 mm)	18 ft 6 in (5 640 mm)
O. Dig radius at groundline	17 ft 3 in (5 270 mm)	18 ft 1 in (5 515 mm)
P. Maximum dig depth	10 ft 1 in (3 085 mm)	10 ft 11 in (3 335 mm)
Q. Vertical straight wall dig depth	7 ft 10 in (2 380 mm)	8 ft 7 in (2 620 mm)
R. Dump height	12 ft 0 in (3 660 mm)	12 ft 6 in (3 820 mm)
S. Overall reach height	16 ft 5 in (5 010 mm)	17 ft 0 in (5 170 mm)
T. Bucket rotation	195°	195°
Arm digging force – ISO	4,946 lbf (22 kN)	4,406 lbf (19.6 kN)
Bucket digging force – ISO	9,667 lbf (43 kN)	9,667 lbf (43 kN)

LIFT CAPACITIES

8 ft 2 in (2.5 m) Boom, 4 ft 7 in (1.40 m) Arm, Dozer Blade Down Machine equipped with cab, rubber tracks, standard counterweight, without bucket or quick coupler.

Load/Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	3 ft (1.0 m)		7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE		END	SIDE
+13 ft (4.0 m)									10 ft 10 in (3.29 m)	1,984 lb* (900 kg)*	1,587 lb (720 kg)
+10 ft (3.0 m)							1,984 lb* (900 kg)*	1,146 lb (520 kg)	13 ft 7 in (4.15 m)	2,028 lb* (920 kg)*	1,080 lb (490 kg)
+7 ft (2.0 m)					2,491 lb* (1 130 kg)*	1,742 lb (790 kg)	2,161 lb* (980 kg)*	1,124 lb (510 kg)	15 ft 0 in (4.56 m)	2,116 lb* (960 kg)*	904 lb (410 kg)
+3 ft (1.0 m)					3,549 lb* (1 610 kg)*	1,587 lb (720 kg)	2,513 lb* (1 140 kg)*	1,058 lb (480 kg)	15 ft 4 in (4.67 m)	2,249 lb* (1 020 kg)*	838 lb (380 kg)
Groundline			7,937 lb* (3 600 kg)*	2,734 lb (1 240 kg)	4,145 lb* (1 880 kg)*	1,499 lb (680 kg)	2,800 lb* (1 270 kg)*	1,014 lb (460 kg)	14 ft 10 in (4.52 m)	2,403 lb* (1 090 kg)*	860 lb (390 kg)
-3 ft (-1.0 m)		13,073 lb (5 930 kg)	7,187 lb* (3 260 kg)*	2,756 lb (1 250 kg)	4,079 lb* (1 850 kg)*	1,499 lb (680 kg)	2,668 lb* (1 210 kg)*	1,014 lb (460 kg)	13 ft 4 in (4.06 m)	2,579 lb* (1 170 kg)*	992 lb (450 kg)
-7 ft (-2.0 m)			5,225 lb* (2 370 kg)*	2,866 lb (1 300 kg)	2,932 lb* (1 330 kg)*	1,565 lb (710 kg)			10 ft 2 in (3.10 m)	2,778 lb* (1 260 kg)*	1,499 lb (680 kg)

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

Back of the arm linkage.

*Indicates load limited by hydraulic capacity.

For lift capacities with additional counterweights please see operators manual.

8 ft 2 in (2.5 m) Boom, 5 ft 5 in (1.65 m) Arm, Dozer Blade Down Machine equipped with cab, rubber tracks, additional counterweight, without bucket or quick coupler.

Load/Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	3 ft (1.0 m)		7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE		END	SIDE
+13 ft (4.0 m)									12 ft 0 in (3.65 m)	1,786 lb* (810 kg)*	1,543 lb (700 kg)
+10 ft (3.0 m)							1,742 lb* (790 kg)*	1,345 lb (610 kg)	14 ft 6 in (4.42 m)	1,852 lb* (840 kg)*	1,124 lb (510 kg)
+7 ft (2.0 m)					2,161 lb* (980 kg)*	2,028 lb (920 kg)	1,962 lb* (890 kg)*	1,301 lb (590 kg)	15 ft 9 in (4.80 m)	1,940 lb* (880 kg)*	970 lb (440 kg)
+3 ft (1.0 m)					3,263 lb* (1 480 kg)*	1,852 lb (840 kg)	2,381 lb* (1 080 kg)*	1,235 lb (560 kg)	16 ft 1 in (4.91 m)	2,072 lb* (940 kg)*	904 lb (410 kg)
Groundline			8,047 lb* (3 650 kg)*	3,153 lb (1 430 kg)	4,012 lb* (1 820 kg)*	1,742 lb (790 kg)	2,712 lb* (1 230 kg)*	1,191 lb (540 kg)	15 ft 8 in (4.77 m)	2,205 lb* (1 000 kg)*	926 lb (420 kg)
-3 ft (-1.0 m)		14,749 lb (6 690 kg)	7,562 lb* (3 430 kg)*	3,153 lb (1 430 kg)	4,123 lb* (1 870 kg)*	1,720 lb (780 kg)	2,734 lb* (1 240 kg)*	1,168 lb (530 kg)	14 ft 3 in (4.34 m)	2,403 lb* (1 090 kg)*	1,058 lb (480 kg)
-7 ft (-2.0 m)			5,975 lb* (2 710 kg)*	3,263 lb (1 480 kg)	3,395 lb* (1 540 kg)*	1,764 lb (800 kg)			11 ft 5 in (3.48 m)	2,601 lb* (1 180 kg)*	1,455 lb (660 kg)

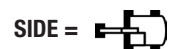
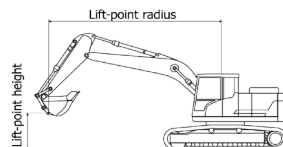
NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

Back of the arm linkage.

*Indicates load limited by hydraulic capacity.

For lift capacities with additional counterweights please see operators manual.



STANDARD EQUIPMENT

ENGINE

KUBOTA D1803
Glow Plugs for cold weather starting
Dry air filter with clogged filter warning on control panel
Variable Speed Hydraulic cooling fan with reverse function

ELECTRICAL

12-volt electrical system
Heavy-duty battery
Battery disconnect switch
Auxiliary Power Socket (left console, right-hand upright)
USB type A power socket
Key Start Switch
Auxiliary Power socket on roof for beacon
Auto-idle feature with on/off switch
Horn
Pre-wired – Telematics ready

HYDRAULICS

Standard 1st auxiliary hydraulics. 1 or 2 way operation. Set in control panel.
2nd auxiliary hydraulics – 2-way
Large hydraulic oil cooler
Control pattern selector valve
Cylinder guard on boom and dozer blade cylinder

TRACK DRIVE

Rubber belt tracks
2-speed travel (turtle & rabbit) with auto-shift
Fully hydrostatic drive system
Sealed and lubricated track rollers
Track Tensioner Hydraulic adjustment with grease

LIGHTING

LED light under boom
LED strip lights on right hand side engine cover
Courtesy Light with 3 settings:
Always on
Always off
Automatic when door is open (cab only)

UPPER STRUCTURE

Zero Tail Swing (with standard counterweight)
Standard arm: 4 ft 7 in (1.40 m)
Linkage with lifting hook
Thumb bracket
Backfill blade with float

OPERATOR ENVIRONMENT

See page 1

OTHER

Swing boom – 71° left/56° right

WARRANTY

Base warranty coverage: 2-Year/3,000-Hour
Full Machine Limited Warranty

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Fabric Pneumatic Seat with automatic weight control (cab only)
Travel Alarm

TRACK OPTIONS

Tracks:
Steel Tracks

VISIBILITY

Rear view camera
LED lights on top of cab/canopy, front and rear
Beacon

HYDRAULICS

3rd auxiliary hydraulics – 2-way
Direct drain to tank
Load holding valves on boom and arm
Mulcher hydraulics package
Bio hydraulic oil

OTHER

6-way backfill blade
Additional counterweight adds: 617 lb (280 kg)
Additional counterweight - heavy: 926 lb (420 kg)
Optional long arm: 5 ft 5 in (1.65 m)

ATTACHMENTS

Mechanical quick coupler
Hydraulic quick coupler
Digging buckets
Thumb





ENGINE

Model	Yanmar 3TNV88F-ESHYB
Emissions Certification	Tier 4 Final
Fuel	Diesel
Cylinders	3
Displacement	100.2 in ³ (1 642 cc)
Fuel injection	Mechanical w/electronic governor
Gross horsepower – SAE J1995 @ 2200 RPM:	24.4 hp (18.2 kW)
Net horsepower – SAE J1349 @ 2200 RPM:	23.7 hp (17.7 kW)
Maximum Engine Torque @ 1200 RPM:	69.4 lb ft (94.1 Nm)
Cooling	Water-cooled

DRIVETRAIN

Travel speeds:	
1st	1.6 mph (2.5 kph)
2nd	2.6 mph (4.2 kph)
Maximum traction force	6,835 lb (3 100 kg)
Gradeability	30° (58%)
Ground pressure:	
Canopy	N/A
Cab	4.83 psi (0.34 kgf/cm ²)

ELECTRICAL

Voltage	12 Volts
Alternator rating	55 amp
Battery	1 x 12 V x 70 Ah 750 CCA

OPERATOR ENVIRONMENT

ROPS/FOPS four post canopy or enclosed cab; ISO 6396:2008 sound pressure level LpA=75dB (A); Pilot operated hand controls and foot pedals; Adjustable seat w/seat belt; Arm rests; 12V socket.

Display includes:

Engine oil pressure warning lamp; Battery charging warning lamp; Engine preheat pilot lamp; Engine coolant temp warning lamp; Air cleaner warning lamp; Overload warning lamp; Travel speed pilot lamp; Fuel low level warning lamp; Air cleaner warning lamp; Hyd. quick coupler lock lamp; Engine coolant temp gauge; Fuel gauge and Hour meter.

OPERATING WEIGHT

Canopy operating weight:	
Short arm	7,990 lb (3 625 kg)
Long arm w/additional counterweight	8,350 lb (3 790 kg)
Cab operating weight:	
Short arm	8,300 lb (3 765 kg)
Long arm w/additional counterweight	8,660 lb (3 930 kg)

NOTE: w/rubber tracks/no quick coupler/bucket/fluids/full of fuel/165 lb operator.

HYDRAULICS

Main pumps:	Variable displacement tandem axial piston pump
Max rated flow x 2:	9.9 gpm (37.4 L/min)
Auxiliary flow @ 2,973 psi (205 bar):	
Primary	16.0 gpm (60.5 L/min)
Secondary	16.0 gpm (60.5 L/min)
System relief pressure:	
Standard	3,270 psi (230 bar)
Overload relief valve	3,560 psi (250 bar)
Pilot control hydraulic system:	
Pump	Gear Pump
Maximum capacity	2.6 gpm (9.9 L/min)

Control valves:

Pilot control for left/right track travel, boom, arm, bucket and swing
Manual control for breaker and backfill blade

Swing motor:	Fixed displacement axial piston motor Automatic spring applied hydraulic released brake
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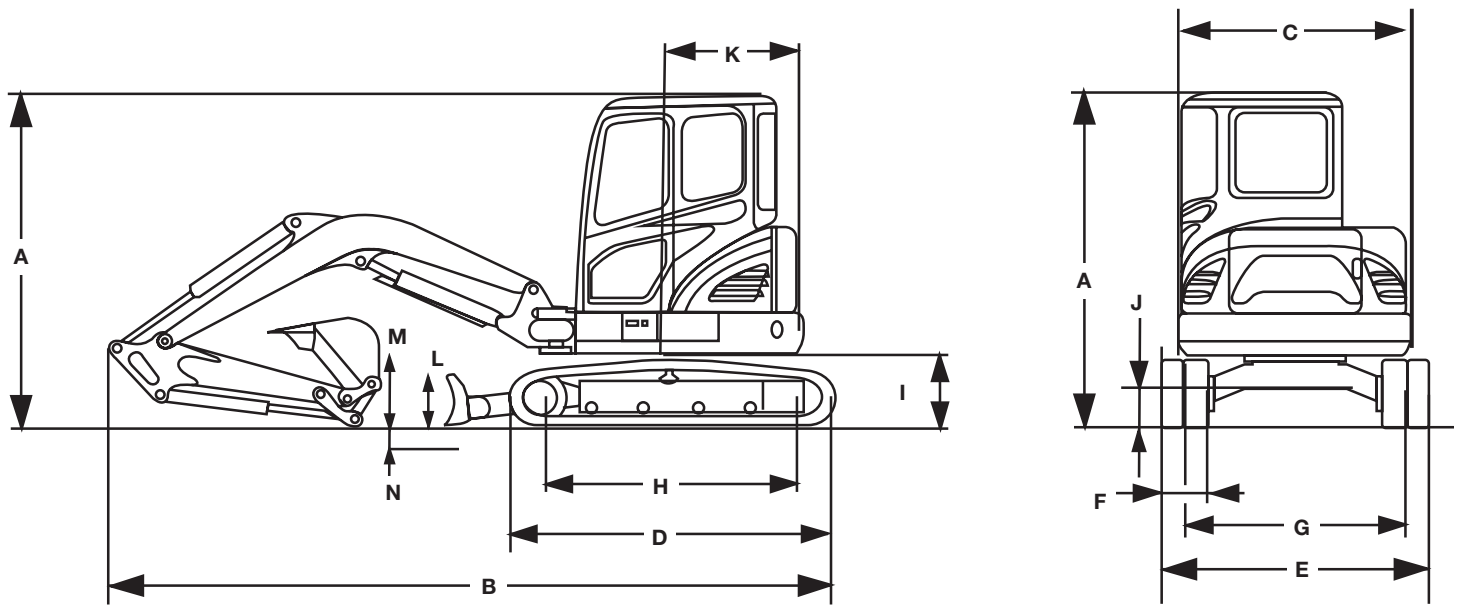
Travel motor:	Variable displacement axial piston 2-stage planetary Automatic spring applied hydraulic released brake
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SERVICE CAPACITIES

Fuel tank	10.5 gal (40 L)
Hydraulic tank:	
Refill capacity	9.8 gal (37 L)
Total system	15.9 gal (60 L)
Engine oil w/filter change	1.8 gal (6.7 L)
Radiator	1.5 gal (5.5 L)

OTHER SPECIFICATIONS

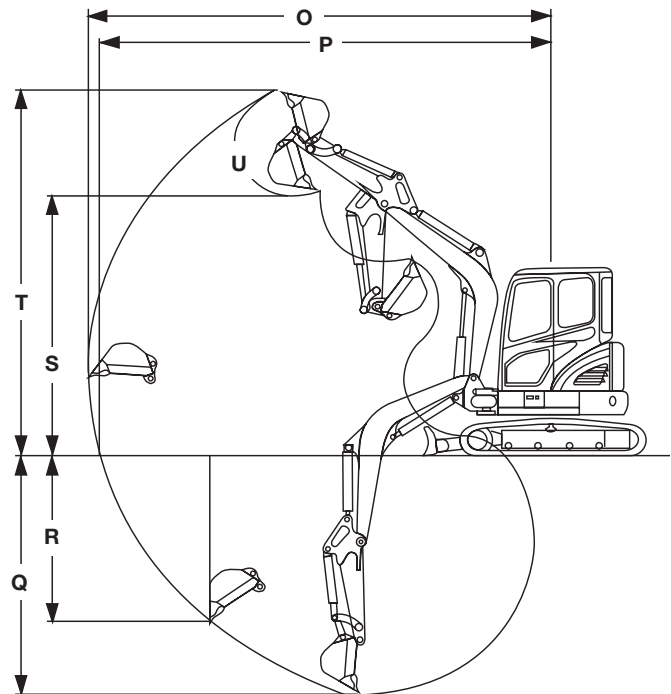
Swing speed	0 – 9.5 RPM
Undercarriage:	
Track rollers	1 upper/4 lower each
Boom:	
Swing	75° left/50° right
Length	8 ft 2 in (2.5 m)
Arm:	
Standard length	4 ft 3 in (1.3 m)
Long arm length	5 ft 3 in (1.6 m)



Line drawings are for illustrative purpose only
and may not be exact representation of unit.

DIMENSIONS

	4 ft 3 in (1.3 m) Arm
A. Overall height	8 ft 2 in (2 500 mm)
B. Overall transport length	15 ft 9 in (4 790 mm)
C. Width of upper structure	5 ft 0 in (1 530 mm)
D. Track overall length	7 ft 0 in (2 130 mm)
E. Track overall width	5 ft 9 in (1 740 mm)
F. Track shoe width	12 in (300 mm)
G. Track gauge	4 ft 9 in (1 440 mm)
H. Center to center - idler to sprocket	5 ft 7 in (1 700 mm)
I. Upper structure ground clearance	1 ft 9 in (540 mm)
J. Minimum ground clearance	11 in (290 mm)
K. Tail swing radius:	
Standard counterweight	2 ft 10 in (870 mm)
Additional counterweight	3 ft 3 in (985 mm)
Boom swing	75° left/50° right
Tail swing overhang:	
Standard counterweight	0 in (0 mm)
Additional counterweight	5 in (115 mm)



BLADE SPECS

	Standard Blade	Angled Blade
L. Backfill blade height	1 ft 3 in (370 mm)	1 ft 4 in (407 mm)
M. Backfill blade rise above ground	1 ft 3 in (375 mm)	1 ft 5 in (428 mm)
N. Backfill blade dig depth	1 ft 3 in (390 mm)	1 ft 5 in (440 mm)
Backfill blade width	5 ft 9 in (1 740 mm)	5 ft 9 in (1 740 mm)

PERFORMANCE SPECS

	4 ft 3 in (1.3 m) Arm	5 ft 3 in (1.6 m) Arm
O. Maximum dig radius	17 ft 5 in (5 315 mm)	18 ft 5 in (5 605 mm)
P. Dig radius at groundline	17 ft 1 in (5 200 mm)	18 ft 0 in (5 495 mm)
Q. Maximum dig depth	10 ft 3 in (3 135 mm)	11 ft 3 in (3 440 mm)
R. Vertical straight wall dig depth	7 ft 2 in (2 190 mm)	8 ft 5 in (2 565 mm)
S. Dump height	11 ft 3 in (3 425 mm)	11 ft 10 in (3 615 mm)
T. Overall reach height	15 ft 9 in (4 810 mm)	16 ft 7 in (5 010 mm)
U. Bucket rotation	180°	180°
Arm digging force - ISO	4,390 lbf (1 990 kgf/19.5 kN)	3,800 lbf (1 720 kgf/16.9 kN)
Bucket digging force - ISO	6,900 lbf (3 130 kgf/30.7 kN)	6,900 lbf (3 130 kgf/30.7 kN)

LIFT CAPACITIES

8 ft 2 in (2.5 m) Boom, 4 ft 3 in (1.3 m) Arm, Dozer Blade Down Canopy unit equipped with 0.11 m³ (SAE heaped) bucket, 12 in (300 mm) rubber track and 900 lb (410 kg) counterweight.

Load / Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	3 ft (1.0 m)		7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+10 ft (3.0 m)									12 ft 11 in (3.94 m)	1,170 lb* (530 kg)*	1,070 lb (490 kg)
+7 ft (2.0 m)					1,380 lb* (630 kg)*	1,380 lb* (630 kg)*	1,210 lb* (550 kg)*	1,020 lb (460 kg)	14 ft 7 in (4.45 m)	1,190 lb* (540 kg)*	830 lb (380 kg)
+3 ft (1.0 m)					1,990 lb* (900 kg)*	1,540 lb (700 kg)	1,400 lb* (640 kg)*	970 lb (440 kg)	15 ft 3 in (4.64 m)	1,240 lb* (560 kg)*	750 lb (340 kg)
Groundline			2,990 lb* (1 320 kg)*	2,500 lb (1 130 kg)	2,410 lb* (1 090 kg)*	1,440 lb (650 kg)	1,570 lb* (710 kg)*	920 lb (420 kg)	14 ft 11 in (4.55 m)	1,320 lb* (600 kg)*	750 lb (340 kg)
-3 ft (-1.0 m)	3,840 lb* (1 740 kg)*	3,840 lb* (1 740 kg)*	4,330 lb* (1 960 kg)*	2,800 lb (1 270 kg)	2,390 lb* (1 090 kg)*	1,410 lb (640 kg)	1,520 lb* (690 kg)*	910 lb (410 kg)	13 ft 8 in (4.17 m)	1,400 lb* (640 kg)*	860 lb (390 kg)
-7 ft (-2.0 m)	5,680 lb* (2 580 kg)*	5,680 lb* (2 580 kg)*	3,190 lb* (1 450 kg)*	2,980 lb (1 310 kg)	1,840 lb* (830 kg)*	1,460 lb (660 kg)			11 ft 0 in (3.36 m)	1,470 lb* (670 kg)*	1,230 lb (560 kg)

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

The lift point is a hook located on the back of the bucket.

*Indicates load limited by hydraulic capacity.

8 ft 2 in (2.5 m) Boom, 5 ft 3 in (1.6 m) Arm, Dozer Blade Down Canopy unit equipped with 0.11 m³ (SAE heaped) bucket, 12 in (300 mm) rubber track and 1,235 lb (560 kg) counterweight.

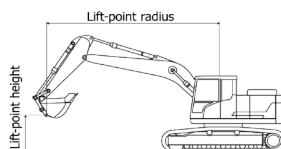
Load / Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	3 ft (1.0 m)		7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+10 ft (3.0 m)							970 lb* (440 kg)*	970 lb* (440 kg)*	14 ft 2 in (4.32 m)	970 lb* (440 kg)*	970 lb* (440 kg)*
+7 ft (2.0 m)							1,060 lb* (480 kg)*	1,060 lb* (480 kg)*	15 ft 8 in (4.78 m)	940 lb* (420 kg)*	840 lb (380 kg)
+3 ft (1.0 m)			3,710 lb* (1 680 kg)*	3,390 lb (1 540 kg)	1,770 lb* (800 kg)*	1,760 lb (800 kg)	1,290 lb* (590 kg)*	1,110 lb (500 kg)	16 ft 3 in (4.95 m)	990 lb* (450 kg)*	760 lb (350 kg)
Groundline			3,060 lb* (1 390 kg)*	3,060 lb* (1 390 kg)*	2,300 lb* (1 040 kg)*	1,630 lb (740 kg)	1,510 lb* (680 kg)*	1,050 lb (470 kg)	16 ft 0 in (4.87 m)	1,140 lb* (520 kg)*	760 lb (350 kg)
-3 ft (-1.0 m)	3,040 lb* (1 380 kg)*	3,040 lb* (1 380 kg)*	4,610 lb* (2 090 kg)*	3,090 lb (1 400 kg)	2,420 lb* (1 100 kg)*	1,580 lb (720 kg)	1,560 lb* (710 kg)*	1,020 lb (460 kg)	14 ft 10 in (4.52 m)	1,250 lb* (570 kg)*	850 lb (380 kg)
-7 ft (-2.0 m)	4,610 lb* (2 090 kg)*	4,610 lb* (2 090 kg)*	3,720 lb* (1 690 kg)*	3,160 lb (1 430 kg)	2,080 lb* (940 kg)*	1,600 lb (730 kg)			12 ft 6 in (3.81 m)	1,340 lb* (610 kg)*	1,120 lb (510 kg)

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

The lift point is a hook located on the back of the bucket.

*Indicates load limited by hydraulic capacity.



STANDARD EQUIPMENT

ENGINE

Yanmar 3TNV88F-ESHYB
Glow plug starting aid
Dry type air cleaner with restriction indicator

ELECTRICAL

12-volt electrical starting system
Heavy-duty battery
Battery Master Switch
Key Start
Anti-Theft-Engine starting passwords
Front working light
Auto-idle feature with on/off switch
Horn
Pre-wired – Telematics ready

HYDRAULICS

Auxiliary hydraulics – single/bi-directional – and plumbing to arm
Large hydraulic oil cooler
Control pattern selector valve
Cylinder rod protection covers – Dozer and Boom

TRACK DRIVE

Rubber belt tracks
Automatic 2-speed travel
Fully hydrostatic drive system
Sealed and lubricated track rollers
Track tension adjustment – grease type

UPPER STRUCTURE

Zero tail swing
Standard arm: 4 ft 3 in (1.3 m)
Bucket linkage with lifting hook
Thumb bracket

OPERATOR ENVIRONMENT

See page 1

OTHER

Swing boom – 75° left/50° right
Hydraulic backfill blade

WARRANTY

Base warranty coverage: 2-Year/3,000-Hour
Full Machine Limited Warranty

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Cab with Heat and air conditioning and radio with USB and 2 speakers
Travel alarm

TRACK OPTIONS

Tracks:
Steel Tracks 12 in (300 mm)

OTHER

Additional counterweight adds 330 lb (150 kg)
Optional long arm: 5 ft 3 in (1.6 m)
Hydraulic quick coupler provision
Hydraulic coupler
Klac coupler
Mechanical coupler
Hydraulic hammer
Beacon
2nd auxiliary circuit
Steel Tracks
4-way angle blade with 25° left and 25° right angle offset: adds 220 lb (100 kg)

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CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

Form No. CCE201806CX37C
Replaces Form No. CCE201709CX37C

CX37C

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ENGINE

Model	Yanmar 4TNV98C
Emissions Certification	Tier 4 Final
Fuel	Diesel
Cylinders	4
Displacement	203 in ³ (3 319 cc)
Fuel injection	Electronic common rail
Gross horsepower – SAE J1995 @ 2400 RPM:	66.9 hp (49.9 kW)
Net horsepower – SAE J1349 @ 2400 RPM:	65.1 hp (48.5 kW)
Maximum Engine Torque @ 1550 RPM:	173.7 lb ft (235.4 Nm)
Cooling	Water-cooled

DRIVETRAIN

Travel speeds:	
1st	1.3 mph (2.1 kph)
2nd	2.5 mph (4.1 kph)
Maximum traction force	11,680 lb (5 300 kg)
Gradeability	35° (70%)
Ground pressure	4.8 psi (0.34 kgf/cm ²)

ELECTRICAL

Voltage	12 Volts
Alternator rating	60 amp
Battery	1 x 12 V x 100 Ah 850 CCA

OPERATOR ENVIRONMENT

Enclosed cab w/heat and air conditioning; ISO 6396:2008 sound pressure level LpA=76dB (A); Pilot operated hand controls and foot pedals; Adjustable seat w/seat belt and seat heater; Arm rests; 12V socket; 5.7 in color LCD display; cup holder; Cell phone holder; Bluetooth radio with USB input, 2 speakers and remote control.

Display includes:

Hydraulic oil temp warning lamp; Air cleaner warning lamp; Engine stop warning lamp; Check engine warning lamp; Water in fuel warning lamp; Battery charging warning lamp; Emergency warning lamp; Engine coolant temp warning lamp; Engine oil pressure warning lamp; DPF regeneration inhibit warning lamp; DPF regeneration acknowledge warning lamp; DPF warning lamp; High Exhaust Temperature warning lamp; Low fuel level warning lamp; Engine coolant temperature gauge; Hydraulic oil temperature gauge; Fuel gauge; Engine RPM and Hour meter.

OPERATING WEIGHT

Cab operating weight:

Short arm	12,270 lb (5 565 kg)
Long arm	12,320 lb (5 590 kg)

NOTE: w/rubber tracks/no quick coupler/bucket/fluids/full of fuel/165 lb operator.

HYDRAULICS

Main pumps:	Variable displacement tandem axial piston pump
Max rated flow x 2:	15.3 gpm (57.8 L/min)

Auxiliary flow:

Hammer Circuit 1-way:	
Flow	17.2 gpm (65 L/min)
Pressure	3,191 psi (220 bar)

1st Auxiliary 2-way Circuit:

Flow	17.2 gpm (65 L/min)
Pressure	3,191 psi (220 bar)

2nd Auxiliary 2-way Circuit:

Flow	8.7 gpm (33 L/min)
Pressure	2,321 psi (160 bar)

System relief pressure:

Standard	3,130 psi (220 bar)
Overload relief valve	3,410 psi (240 bar)

Pilot control hydraulic system:

Pump	Gear pump
Maximum capacity	2.5 gpm (9.5 L/min)

Control valves:

Pilot control for left/right track travel, boom, arm, bucket and swing
Manual control for breaker and backfill blade

Swing Motor:

Fixed displacement
axial piston motor
Automatic spring applied
hydraulic released brake

Travel Motor:

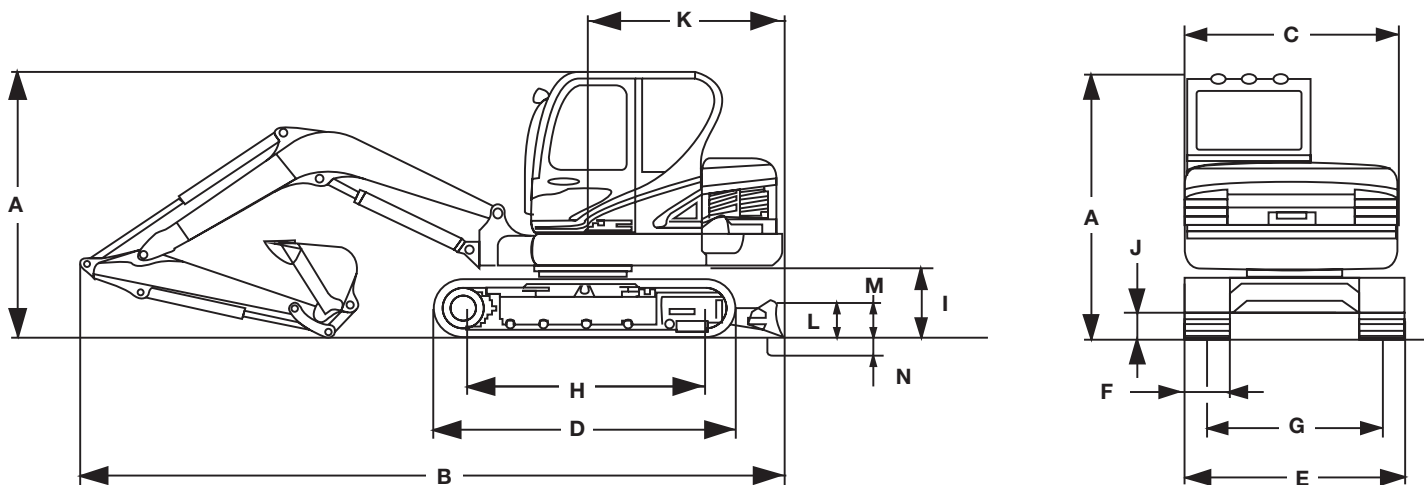
Variable displacement axial piston
2-stage planetary
Automatic spring applied
hydraulic released brake

SERVICE CAPACITIES

Fuel tank	31.7 gal (120 L)
Hydraulic tank:	
Refill capacity	18.5 gal (70 L)
Total system	31.7 gal (120 L)
Engine oil w/filter change	3.1 gal (11.6 L)
Radiator	2.5 gal (9.5 L)

OTHER SPECIFICATIONS

Swing speed	0 – 9.1 RPM
Undercarriage:	
Track rollers	1 upper/5 lower each
Boom:	
Swing	80° left/50° right
Length	9 ft 10 in (3.0 m)
Arm:	
Standard length	5 ft 3 in (1.6 m)
Long arm length	6 ft 3 in (1.9 m)



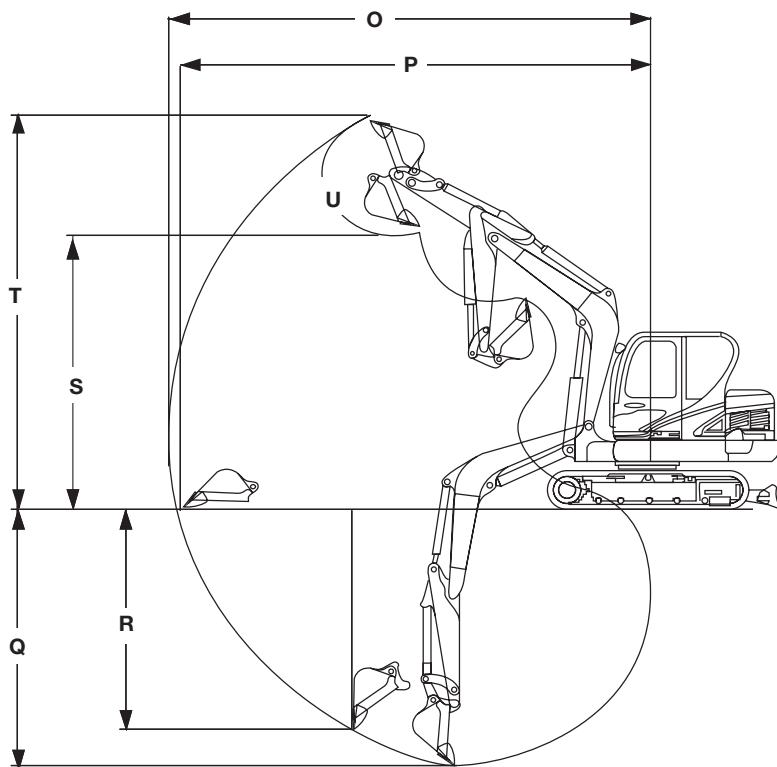
Line drawings are for illustrative purpose only
and may not be exact representation of unit.

DIMENSIONS

	5 ft 3 in (1.6 m) Arm
A. Overall height	8 ft 4 in (2 550 mm)
B. Overall transport length	19 ft 4 in (5 900 mm)
C. Width of upper structure	6 ft 1 in (1 850 mm)
D. Track overall length	8 ft 4 in (2 530 mm)
E. Track overall width	6 ft 4 in (1 920 mm)
F. Track shoe width	15 in (380 mm)
G. Track gauge	4 ft 11 in (1 500 mm)
H. Center to center - idler to sprocket	6 ft 6 in (1 990 mm)
I. Upper structure ground clearance	2 ft 3 in (690 mm)
J. Minimum ground clearance	1 ft 3 in (380 mm)
K. Tail swing radius	5 ft 5 in (1 650 mm)
Boom swing	80° left/50° right
Tail swing overhang	2 ft 3 in (690 mm)

BLADE SPECS

L. Backfill blade height	1 ft 2 in (350 mm)
M. Backfill blade rise above ground	1 ft 3 in (390 mm)
N. Backfill blade dig depth	1 ft 11 in (590 mm)
Backfill blade width	6 ft 4 in (1 920 mm)



PERFORMANCE SPECS

	5 ft 3 in (1.6 m) Arm	6 ft 3 in (1.9 m) Arm
O. Maximum dig radius	20 ft 2 in (6 150 mm)	21 ft 0 in (6 400 mm)
P. Dig radius at groundline	19 ft 9 in (6 010 mm)	20 ft 7 in (6 270 mm)
Q. Maximum dig depth	12 ft 6 in (3 820 mm)	13 ft 4 in (4 060 mm)
R. Vertical straight wall dig depth	10 ft 6 in (3 200 mm)	11 ft 4 in (3 460 mm)
S. Dump height	13 ft 3 in (4 050 mm)	13 ft 9 in (4 180 mm)
T. Overall reach height	19 ft 0 in (5 780 mm)	19 ft 5 in (5 920 mm)
U. Bucket rotation	180°	180°
Arm digging force - ISO	7,190 lbf (3 260 kgf/31.9 kN)	6,460 lbf (2 930 kgf/28.7 kN)
Bucket digging force - ISO	9,550 lbf (4 330 kgf/42.4 kN)	9,550 lbf (4 330 kgf/42.4 kN)

LIFT CAPACITIES

9 ft 10 in (3.0 m) Boom, 5 ft 3 in (1.6 m) Arm, Dozer Blade Down Cab unit equipped with 0.18 m³ (SAE heaped) bucket, 15 in (380 mm) rubber track and 739 lb (335 kg) counterweight.

Load / Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		16 ft (5.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+13 ft (4.0 m)					2,170 lb* (990 kg)*	2,170 lb* (990 kg)*			14 ft 4 in (4.37 m)	2,220 lb* (1 000 kg)*	1,920 lb (870 kg)
+10 ft (3.0 m)					2,340 lb* (1 060 kg)*	2,220 lb (1 010 kg)			16 ft 3 in (4.96 m)	2,150 lb* (970 kg)*	1,490 lb (670 kg)
+7 ft (2.0 m)	6,610 lb* (3 000 kg)*	6,610 lb* (3 000 kg)*	3,660 lb* (1 660 kg)*	3,400 lb (1 540 kg)	2,850 lb* (1 290 kg)*	2,110 lb (960 kg)	2,530 lb* (1 150 kg)*	1,430 lb (650 kg)	17 ft 3 in (5.26 m)	2,240 lb* (1 010 kg)*	1,290 lb (590 kg)
+3 ft (1.0 m)			5,150 lb* (2 340 kg)*	3,080 lb (1 400 kg)	3,470 lb* (1 580 kg)*	1,970 lb (900 kg)	2,780 lb* (1 260 kg)*	1,370 lb (620 kg)	17 ft 6 in (5.33 m)	2,480 lb* (1 120 kg)*	1,220 lb (550 kg)
Groundline	4,160 lb* (1 890 kg)*	4,160 lb* (1 890 kg)*	5,920 lb* (2 680 kg)*	2,910 lb (1 320 kg)	3,910 lb* (1 770 kg)*	1,870 lb (850 kg)	2,940 lb* (1 330 kg)*	1,320 lb (600 kg)	17 ft 0 in (5.17 m)	2,820 lb* (1 280 kg)*	1,250 lb (570 kg)
-3 ft (-1.0 m)	6,870 lb* (3 120 kg)*	5,770 lb (2 620 kg)	5,890 lb* (2 670 kg)*	2,860 lb (1 300 kg)	3,950 lb* (1 790 kg)*	1,830 lb (830 kg)			15 ft 8 in (4.77 m)	3,040 lb* (1 380 kg)*	1,410 lb (640 kg)
-7 ft (-2.0 m)	8,420 lb* (3 820 kg)*	5,890 lb (2 670 kg)	5,100 lb* (2 310 kg)*	2,910 lb (1 320 kg)	3,330 lb* (1 510 kg)*	1,870 lb (850 kg)			13 ft 2 in (4.01 m)	3,310 lb* (1 500 kg)*	1,860 lb (840 kg)
-10 ft (-3.0 m)	4,700 lb* (2 130 kg)*	4,700 lb* (2 130 kg)*							8 ft 3 in (2.52 m)	3,570 lb* (1 620 kg)*	3,570 lb* (1 620 kg)*

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

The lift point is a hook located on the back of the bucket.

*Indicates load limited by hydraulic capacity.

9 ft 10 in (3.0 m) Boom, 6 ft 3 in (1.9 m) Arm, Dozer Blade Down Cab unit equipped with 0.18 m³ (SAE heaped) bucket, 15 in (380 mm) rubber track and 739 lb (335 kg) counterweight.

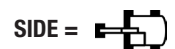
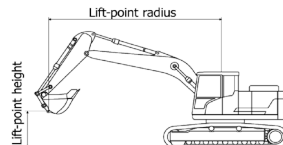
Load / Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		16 ft (5.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+13 ft (4.0 m)									15 ft 6 in (4.72 m)	1,860 lb* (850 kg)*	1,690 lb (770 kg)
+10 ft (3.0 m)					2,070 lb* (940 kg)*	2,070 lb* (940 kg)*	2,150 lb* (980 kg)*	1,500 lb (680 kg)	17 ft 3 in (5.27 m)	1,800 lb* (820 kg)*	1,350 lb (610 kg)
+7 ft (2.0 m)			3,170 lb* (1 440 kg)*	3,170 lb* (1 440 kg)*	2,610 lb* (1 180 kg)*	2,150 lb (970 kg)	2,360 lb* (1 070 kg)*	1,450 lb (660 kg)	18 ft 3 in (5.55 m)	1,860 lb* (840 kg)*	1,180 lb (540 kg)
+3 ft (1.0 m)			4,770 lb* (2 170 kg)*	3,150 lb (1 430 kg)	3,280 lb* (1 490 kg)*	2,000 lb (910 kg)	2,660 lb* (1 200 kg)*	1,380 lb (630 kg)	18 ft 5 in (5.61 m)	2,030 lb* (920 kg)*	1,120 lb (510 kg)
Groundline	4,070 lb* (1 840 kg)*	4,070 lb* (1 840 kg)*	5,770 lb* (2 620 kg)*	2,930 lb (1 330 kg)	3,800 lb* (1 730 kg)*	1,890 lb (860 kg)	2,890 lb* (1 310 kg)*	1,320 lb (600 kg)	17 ft 11 in (5.46 m)	2,360 lb* (1 070 kg)*	1,140 lb (520 kg)
-3 ft (-1.0 m)	6,160 lb* (2 790 kg)*	5,720 lb (2 600 kg)	5,960 lb* (2 700 kg)*	2,860 lb (1 300 kg)	3,980 lb* (1 800 kg)*	1,830 lb (830 kg)	2,880 lb* (1 310 kg)*	1,300 lb (590 kg)	16 ft 8 in (5.08 m)	2,800 lb* (1 270 kg)*	1,260 lb (570 kg)
-7 ft (-2.0 m)	9,210 lb* (4 180 kg)*	5,820 lb (2 640 kg)	5,400 lb* (2 450 kg)*	2,880 lb (1 300 kg)	3,160 lb* (1 440 kg)*	1,840 lb (830 kg)			14 ft 5 in (4.40 m)	3,050 lb* (1 380 kg)*	1,600 lb (730 kg)
-10 ft (-3.0 m)	6,150 lb* (2 790 kg)*	6,040 lb (2 740 kg)	3,660 lb* (1 660 kg)*	3,010 lb (1 360 kg)					10 ft 4 in (3.16 m)	3,350 lb* (1 520 kg)*	2,770 lb (1 260 kg)

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

The lift point is a hook located on the back of the bucket.

*Indicates load limited by hydraulic capacity.



STANDARD EQUIPMENT

ENGINE

Yanmar 4TNV98C
Engine access under rear hood
Glow plug starting aid
Dry type air cleaner with restriction indicator

ELECTRICAL

12-volt electrical starting system
Heavy-duty battery
Battery Master Switch
Key Start
Anti-Theft-Engine starting passwords
Front and rear working lights
12 V power outlet
Auto-idle deature with on/off switch
Horn
Pre-wired – Telematics ready

HYDRAULICS

Auxiliary hydraulics – independent single and bi-directional – and plumbing to arm
Large hydraulic oil cooler
Control pattern selector valve
Cylinder rod protection covers – Boom

TRACK DRIVE

Rubber belt tracks
Automatic 2-speed travel
Fully hydrostatic drive system
Sealed and lubricated track rollers
Track tension adjustment – grease type

UPPER STRUCTURE

Conventional radius tail swing
Standard arm: 5 ft 3 in (1.6 m)
Heavy counterweight: 220 lb (100 kg) heavier than standard weight
Bucket linkage with lifting hook
Thumb bracket

OPERATOR ENVIRONMENT

See page 1

OTHER

Swing boom – 80° left/50° right
Hydraulic backfill blade

WARRANTY

Base warranty coverage: 2-Year/3,000-Hour
Full Machine Limited Warranty

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Rearview camera
Travel alarm

TRACK OPTIONS

Tracks:
Steel Tracks 1 ft 3 in (380 mm)
Steel Tracks 1 ft 6 in (450 mm)
Steel Tracks with bolt on Rubber Pads
1 ft 4 in (400 mm)
Roadliner tracks – steel chain with rubber grousers/shoes 1 ft 4 in (400 mm)
Rubber Belt Tracks 1 ft 4 in (400 mm)
Track guides for steel tracks and steel tracks with bolt on rubber track pads only:
Full
3-piece

OTHER

Optional long arm: 6 ft 3 in (1.9 m)
Hydraulic quick coupler provision
Klac coupler
Mechanical coupler
Hydraulic hammer
Beacon
2nd auxiliary circuit
Hydraulic coupler

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Form No. CCE201806CX57C
Replaces Form No. CCE201709CX57C

CX57C

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ENGINE

Model	Yanmar 4TNV98C
Emissions Certification	Tier 4 Final
Fuel	Diesel
Cylinders	4
Displacement	203 in ³ (3 319 cc)
Fuel injection	Electronic common rail
Gross horsepower – SAE J1995 @ 2200 RPM:	64.7 hp (48.3 kW)
Net horsepower – SAE J1349 @ 2200 RPM:	63 hp (47 kW)
Maximum Engine Torque @ 1560 RPM:	173.6 lb ft (235.4 Nm)
Cooling	Water-cooled

DRIVETRAIN

Travel speeds:	
1st	1.4 mph (2.2 kph)
2nd	2.5 mph (4.0 kph)
Maximum traction force	11,680 lb (5 300 kg)
Gradeability	35° (70%)
Ground pressure	5.12 psi (0.36 kgf/cm ²)

ELECTRICAL

Voltage	12 Volts
Alternator rating	80 amp
Battery	1 x 12 V x 100 Ah 850 CCA

OPERATOR ENVIRONMENT

Enclosed cab w/heat and air conditioning; ISO 6396:2008 sound pressure level LpA=77dB (A); Pilot operated hand controls and foot pedals; Adjustable seat w/seat belt and seat heater; Arm rests; 12V socket; 5.7 in color LCD display; cup holder; Cell phone holder; Bluetooth radio with USB input, 2 speakers and remote control.

Display includes:

Hydraulic oil temp warning lamp; Air cleaner warning lamp; Engine stop warning lamp; Check engine warning lamp; Water in fuel warning lamp; Battery charging warning lamp; Emergency warning lamp; Engine coolant temp warning lamp; Engine oil pressure warning lamp; DPF regeneration inhibit warning lamp; DPF regeneration acknowledge warning lamp; DPF warning lamp; High Exhaust Temperature warning lamp; Low fuel level warning lamp; Engine coolant temperature gauge; Hydraulic oil temperature gauge; Fuel gauge; Engine RPM and Hour meter.

OPERATING WEIGHT

Cab operating weight:	
Short arm	12,940 lb (5 870 kg)
Long arm w/additional counterweight	13,430 lb (6 090 kg)

NOTE: w/rubber tracks/no quick coupler/bucket/ fluids/full of fuel/165 lb operator.

HYDRAULICS

Main pumps:	Variable displacement tandem axial piston pump
Max rated flow:	2 x 14.5 gpm (2 x 55 L/min)

Auxiliary flow:

Hammer Circuit 1-way:	
Flow	17.2 gpm (65 L/min)
Pressure	3,191 psi (220 bar)
1st Auxiliary 2-way Circuit:	
Flow	17.2 gpm (65 L/min)
Pressure	3,191 psi (220 bar)
2nd Auxiliary 2-way Circuit:	
Flow	8.7 gpm (33 L/min)
Pressure	2,321 psi (160 bar)

System relief pressure:

Standard	3,130 psi (220 bar)
Overload relief valve	3,410 psi (240 bar)

Pilot control hydraulic system:

Pump	Gear pump
Maximum capacity	2.4 gpm (9 L/min)

Control valves:

Pilot control for left/right track travel, boom, arm, bucket and swing
Manual control for breaker and backfill blade

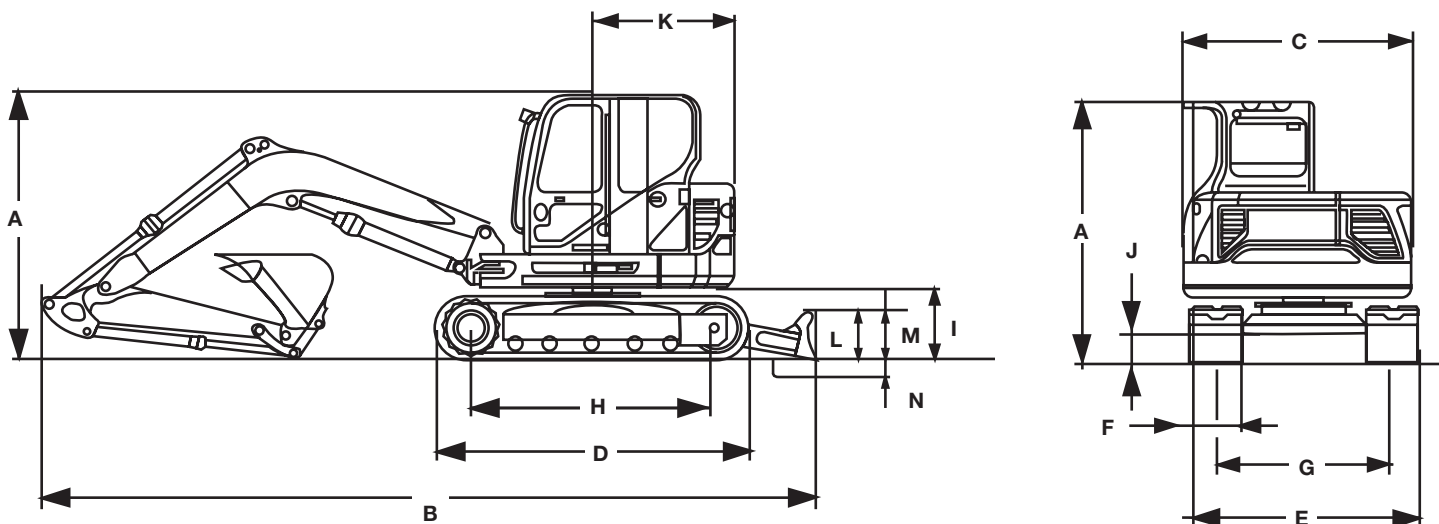
Swing Motor:	Fixed displacement axial piston motor Automatic spring applied hydraulic released brake
Travel Motor:	Variable displacement axial piston 2-stage planetary Automatic spring applied hydraulic released brake

SERVICE CAPACITIES

Fuel tank	21.7 gal (82 L)
Hydraulic tank:	
Refill capacity	15.9 gal (60 L)
Total system	29.1 gal (110 L)
Engine oil w/filter change	3.1 gal (11.6 L)
Radiator	2.9 gal (11 L)

OTHER SPECIFICATIONS

Swing speed	0 – 8.8 RPM
Undercarriage:	
Track rollers	1 upper/5 lower each
Boom:	
Swing	70° left/50° right
Length	9 ft 6 in (2.9 m)
Arm:	
Standard length	4 ft 10 in (1.48 m)
Long arm length	6 ft 3 in (1.9 m)



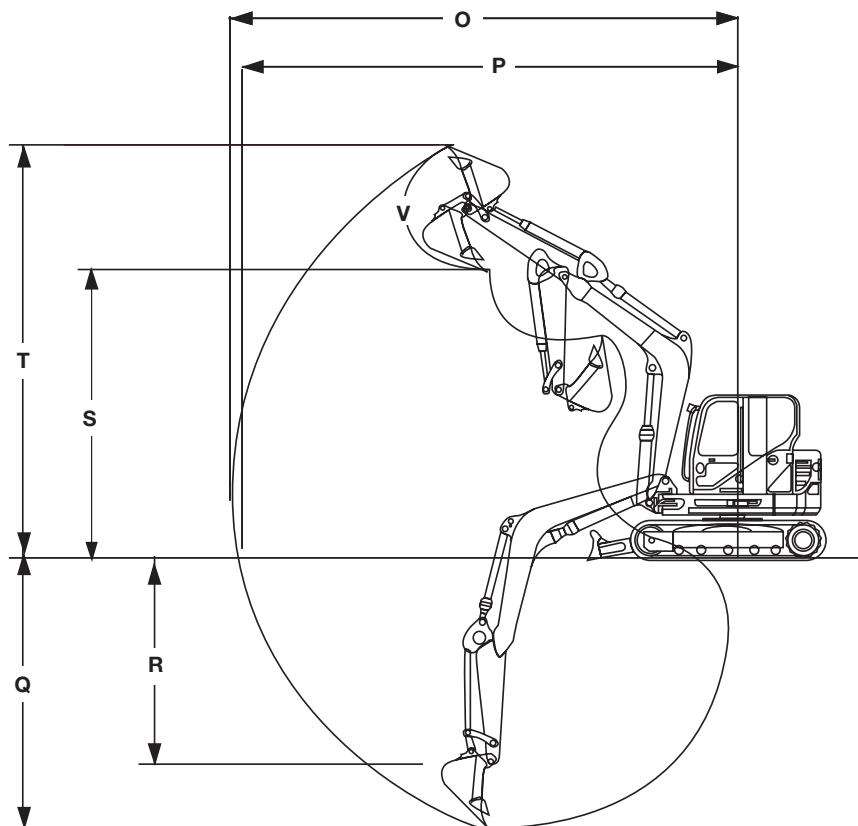
Line drawings are for illustrative purpose only
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DIMENSIONS

	4 ft 10 in (1.48 m) Arm
A. Overall height	8 ft 4 in (2 550 mm)
B. Overall transport length	18 ft 3 in (5 600 mm)
C. Width of upper structure	6 ft 4 in (1 940 mm)
D. Track overall length	8 ft 4 in (2 550 mm)
E. Track overall width	6 ft 6 in (1 990 mm)
F. Track shoe width	15 in (380 mm)
G. Track gauge	5 ft 3 in (1 600 mm)
H. Center to center - idler to sprocket	6 ft 6 in (1 990 mm)
I. Upper structure ground clearance	2 ft 2 in (660 mm)
J. Minimum ground clearance	1 ft 3 in (380 mm)
K. Tail swing radius:	
Standard counterweight	3 ft 7 in (1 080 mm)
Additional counterweight	3 ft 9 in (1 138 mm)
Boom swing	70° left/50° right
Tail swing overhang:	
Standard counterweight	3 in (85 mm)
Additional counterweight	6 in (143 mm)

BLADE SPECS

L. Backfill blade height	1 ft 2 in (350 mm)
M. Backfill blade rise above ground	8 in (200 mm)
N. Backfill blade dig depth	2 ft 4 in (700 mm)
Backfill blade width	6 ft 7 in (2 010 mm)



PERFORMANCE SPECS

	4 ft 10 in (1.48 m) Arm	6 ft 3 in (1.9 m) Arm
O. Maximum dig radius	20 ft 2 in (6 150 mm)	21 ft 3 in (6 480 mm)
P. Dig radius at groundline	19 ft 9 in (6 010 mm)	20 ft 10 in (6 350 mm)
Q. Maximum dig depth	11 ft 9 in (3 570 mm)	13 ft 1 in (3 990 mm)
R. Vertical straight wall dig depth	10 ft 0 in (3 040 mm)	11 ft 0 in (3 360 mm)
S. Dump height	12 ft 11 in (3 930 mm)	13 ft 5 in (4 100 mm)
T. Overall reach height	18 ft 8 in (5 680 mm)	19 ft 2 in (5 850 mm)
U. Bucket rotation	180°	180°
Arm digging force - ISO	5,950 lbf (2 700 kgf/26.5 kN)	5,035 lbf (2 280 kgf/22.4 kN)
Bucket digging force - ISO	9,190 lbf (4 170 kgf/40.9 kN)	9,190 lbf (4 170 kgf/40.9 kN)

LIFT CAPACITIES

9 ft 6 in (2.9 m) Boom, 4 ft 10 in (1.48 m) Arm, Dozer Blade Down Cab unit equipped with 0.18 m³ (SAE heaped) bucket, 15 in (380 mm) rubber track and 1,036 lb (470 kg) counterweight.

Load/Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		16 ft (5.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE		END	SIDE
+13 ft (4.0 m)					2,460 lb* (1 120 kg)*	1,990 lb (900 kg)			13 ft 10 in (4.22 m)	1,960 lb* (890 kg)*	1,780 lb (810 kg)
+10 ft (3.0 m)					2,590 lb* (1 180 kg)*	1,950 lb (880 kg)			15 ft 11 in (4.86 m)	1,880 lb* (850 kg)*	1,330 lb (600 kg)
+7 ft (2.0 m)			4,200 lb* (1 900 kg)*	2,990 lb (1 360 kg)	3,150 lb* (1 430 kg)*	1,830 lb (830 kg)	2,740 lb* (1 240 kg)*	1,220 lb (550 kg)	17 ft 0 in (5.18 m)	1,960 lb* (890 kg)*	1,130 lb (510 kg)
+3 ft (1.0 m)			5,880 lb* (2 670 kg)*	2,680 lb (1 220 kg)	3,810 lb* (1 730 kg)*	1,700 lb (770 kg)	2,990 lb* (1 350 kg)*	1,160 lb (530 kg)	17 ft 3 in (5.25 m)	2,210 lb* (1 000 kg)*	1,060 lb (480 kg)
Groundline	3,610 lb* (1 640 kg)*	3,610 lb* (1 640 kg)*	6,560 lb* (2 970 kg)*	2,540 lb (1 150 kg)	4,230 lb* (1 920 kg)*	1,610 lb (730 kg)	3,110 lb* (1 410 kg)*	1,120 lb (510 kg)	16 ft 8 in (5.09 m)	2,700 lb* (1 230 kg)*	1,090 lb (490 kg)
-3 ft (-1.0 m)	6,420 lb* (2 910 kg)*	5,250 lb (2 380 kg)	6,290 lb* (2 850 kg)*	2,510 lb (1 140 kg)	4,160 lb* (1 890 kg)*	1,580 lb (720 kg)			15 ft 3 in (4.65 m)	3,260 lb* (1 480 kg)*	1,250 lb (570 kg)
-7 ft (-2.0 m)	8,530 lb* (3 870 kg)*	5,380 lb (2 440 kg)	5,110 lb* (2 320 kg)*	2,570 lb (1 170 kg)					12 ft 7 in (3.83 m)	3,510 lb* (1 590 kg)*	1,740 lb (790 kg)

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

The lift point is a hook located on the back of the bucket.

*Indicates load limited by hydraulic capacity.

9 ft 6 in (2.9 m) Boom, 6 ft 3 in (1.9 m) Arm, Dozer Blade Down Cab unit equipped with 0.18 m³ (SAE heaped) bucket, 15 in (380 mm) rubber track and 1,477 lb (670 kg) counterweight.

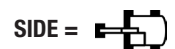
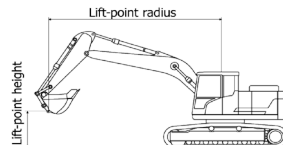
Load/Lift Point Height	LOAD RADIUS								MAXIMUM REACH		
	7 ft (2.0 m)		10 ft (3.0 m)		13 ft (4.0 m)		16 ft (5.0 m)		REACH	CAPACITY	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE		END	SIDE
+13 ft (4.0 m)									15 ft 5 in (4.70 m)	1,430 lb* (650 kg)*	1,430 lb* (650 kg)*
+10 ft (3.0 m)					2,090 lb* (950 kg)*	2,090 lb* (950 kg)*	2,130 lb* (960 kg)*	1,400 lb (640 kg)	17 ft 3 in (5.27 m)	1,380 lb* (620 kg)*	1,250 lb (570 kg)
+7 ft (2.0 m)			3,260 lb* (1 480 kg)*	3,260 lb* (1 480 kg)*	2,680 lb* (1 210 kg)*	2,040 lb (920 kg)	2,410 lb* (1 090 kg)*	1,350 lb (610 kg)	18 ft 3 in (5.56 m)	1,420 lb* (650 kg)*	1,090 lb (490 kg)
+3 ft (1.0 m)			5,140 lb* (2 330 kg)*	3,000 lb (1 360 kg)	3,430 lb* (1 550 kg)*	1,880 lb (850 kg)	2,730 lb* (1 240 kg)*	1,270 lb (580 kg)	18 ft 6 in (5.63 m)	1,580 lb* (710 kg)*	1,020 lb (460 kg)
Groundline	3,590 lb* (1 630 kg)*	3,590 lb* (1 630 kg)*	6,250 lb* (2 840 kg)*	2,770 lb (1 260 kg)	3,990 lb* (1 810 kg)*	1,760 lb (800 kg)	2,980 lb* (1 350 kg)*	1,210 lb (550 kg)	18 ft 0 in (5.48 m)	1,880 lb* (850 kg)*	1,030 lb (470 kg)
-3 ft (-1.0 m)	5,480 lb* (2 490 kg)*	5,480 lb* (2 490 kg)*	6,370 lb* (2 890 kg)*	2,700 lb (1 220 kg)	4,150 lb* (1 880 kg)*	1,700 lb (770 kg)	2,950 lb* (1 340 kg)*	1,190 lb (540 kg)	16 ft 8 in (5.08 m)	2,510 lb* (1 140 kg)*	1,160 lb (520 kg)
-7 ft (-2.0 m)	8,080 lb* (3 670 kg)*	5,700 lb (2 590 kg)	5,630 lb* (2 550 kg)*	2,730 lb (1 240 kg)	3,680 lb* (1 670 kg)*	1,710 lb (780 kg)			14 ft 4 in (4.36 m)	3,140 lb* (1 420 kg)*	1,500 lb (680 kg)
-10 ft (-3.0 m)	6,020 lb* (2 730 kg)*	5,960 lb (2 700 kg)	3,460 lb* (1 570 kg)*	2,880 lb (1 300 kg)					9 ft 11 in (3.01 m)	3,450 lb* (1 570 kg)*	2,870 lb (1 300 kg)

NOTE: Lifting capacity are based on ISO 10567.

Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.

The lift point is a hook located on the back of the bucket.

*Indicates load limited by hydraulic capacity.



STANDARD EQUIPMENT

ENGINE

Yanmar 4TNV98C
Engine access under rear hood
Glow plug starting aid
Dry type air cleaner with restriction indicator

ELECTRICAL

12-volt electrical starting system
Heavy-duty battery
Battery Master Switch
Key Start
Anti-Theft-Engine starting passwords
Front and rear working light
12 V power outlet
Auto-idle feature with on/off switch
Horn
Pre-wired – Telematics ready

HYDRAULICS

Auxiliary hydraulics – independent single and bi-directional – and plumbing to arm
Large hydraulic oil cooler
Control pattern selector valve
Cylinder rod protection covers – Boom

TRACK DRIVE

Rubber belt tracks
Automatic 2-speed travel
Fully hydrostatic drive system
Sealed and lubricated track rollers
Track tension adjustment – grease type

UPPER STRUCTURE

Short radius tail swing
Standard arm: 4 ft 10 in (1.48 m)
Bucket linkage with lifting hook
Thumb bracket

OPERATOR ENVIRONMENT

See page 1

OTHER

Swing boom – 70° left/50° right
Hydraulic backfill blade

WARRANTY

Base warranty coverage: 2-Year/3,000-Hour
Full Machine Limited Warranty

OPTIONAL EQUIPMENT

OPERATOR ENVIRONMENT

Rearview camera
Travel alarm

TRACK OPTIONS

Tracks:
Steel Tracks 1 ft 3 in (380 mm)
Steel Tracks 1 ft 6 in (450 mm)
Steel Tracks with bolt on Rubber Pads
1 ft 4 in (400 mm)
Roadliner tracks – steel chain with rubber grousers/shoes 1 ft 4 in (400 mm)
Rubber Belt Tracks 1 ft 4 in (400 mm)
Track guides for steel tracks and steel tracks with bolt on rubber track pads only:
3-piece

OTHER

Additional counterweight adds 440 lb (200 kg)
Optional long arm: 6 ft 3 in (1.9 m)
Hydraulic quick coupler provision
Hydraulic coupler
Klac coupler
Mechanical coupler
Hydraulic hammer
Beacon
2nd auxiliary circuit

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CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

Form No. CCE201709CX60C
Replaces Form No. CCE201708CX60C

CX60C

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ENGINE

Model	Isuzu AP-4LE2X
Emissions Certification	Tier 4 Final
Fuel	Requires ultra low-sulfur fuel B5 biodiesel tolerant
Type	Water-cooled, 4-cycle, high pressure common rail system. Turbo-charged w/ air cooled intercooler, DOC system
Cylinders	4-cylinder in-line
Displacement	133 in ³ (2.2 L)
Bore/Stroke	3.35 x 3.78 in (85 x 96 mm)
Fuel injection	Direct injection – electronic
Fuel filter	Replaceable, full flow spin-on cartridge
Air filter	Dry type element w/ warning restriction indicator
Oil filter	Replaceable, full flow spin-on cartridge
Engine gradeability:	
Side-to-side	35°
Fore and aft	35°
Net horsepower – SAE J1349 @ 2000 RPM:	53.6 hp (40 kW)
Net max. torque – SAE J1349 @ 1800 RPM:	142 lb-ft (193 N-m)
Cooling operating range:	109.4° to -13° F (43° to -25° C)
Oil	Requires low-ash oil CJ-4

DRIVETRAIN

Travel control	Dual stage relief/ counter balance design
Brakes	Mechanical disc
Service brakes	SAHR disc – each motor
Two speed travel:	
Max. high speed	3.2 mph (5.1 kph)
Max. low speed	2.0 mph (3.2 kph)
Automatic downshift	
Drawbar pull	13,400 lb (59.5 kN)
Gradeability	70% – 35° Slope

ELECTRICAL

Voltage	24 Volts
Alternator rating	50 amp
Batteries	2 x 12 Volt
Battery reserve capacity	64 Ah/5 hour
Work lights	24 Volt
1 boom	70 watt
1 upper	70 watt

OPERATOR ENVIRONMENT

FOPS Level 1 cab top guard; Pressurized cab; One-touch lock front window; AC/heat/defrost w/ auto climate control; 6 watt interior dome light; Mechanical-suspension cloth seat; Adjustable armrest; Low-effort joystick controls; Controls pre-wired for auxiliary; Blade control lever; AM/FM radio w/ antenna and 2 speakers; Anti-theft start code system; Rubber floor mat; 12-volt electric socket; 24-volt cigarette lighter; External rear view mirrors; Windshield wiper/washer; Cup holder; Storage compartments; Travel alarm w/ cancel switch; One key start and lock-up; Built-in full-color LCD monitor; Safety glass for all windows; Polycarbonate roof hatch and sun shade.

Air conditioner output	13,492 BTU/hr
Heater output	12,897 BTU/hr
Sound level inside cab – ISO6395	73.0 dBA

ATTACHMENT

Boom	12 ft 4 in (3 750 mm)
Arm option:	
Standard	5 ft 7 in (1 690 mm)
Bucket digging force	12,800 lbf (56.9 kN)

OPERATING WEIGHT

Operating weight	17,400 lb (7 900 kg)
w/ shoes	1 ft 6 in (450 mm)
w/ boom	12 ft 4 in (3 750 mm)
w/ arm	5 ft 7 in (1 690 mm)
w/ bucket	463 lb (210 kg)
w/ dozer blade	7 ft 7 in (2 320 mm)
w/ counterweight	2,140 lb (970 kg)

NOTE: W/ operator/full fuel/standard equipment.

DOZER BLADE

Blade width	91.3 in (2 320 mm)
Blade height	17.7 in (450 mm)
Max. lift above ground level	17.3 in (440 mm)
Max. drop below ground	11.0 in (280 mm)

GROUND PRESSURE

@ Standard operating weight 5.1 psi (0.35 bar)
w/ 17.7 in (450 mm) triple semi-grouser shoes

HYDRAULICS

System design	Open center
Main pumps	Two variable displacement/ axial piston
Max. rated flow per pump:	19.5 gpm (74 L/min)
Max. rated flow total:	39.1 gpm (148 L/min)

System pressures:	
Boom, arm and bucket	4,260 psi (294 bar)
Travel circuits	4,260 psi (294 bar)
Swing circuit	3,280 psi (226 bar)

Pilot pump	1 x gear design
Max. capacity	4.8 gpm (18 L/min)

Blade pump	1 x gear design
Max. flow	9.4 gpm (35.4 L/min)

Controls	w/ boom/arm holding valve
Right track travel, bucket, boom and arm acceleration.	Four-spool section

Left track travel, auxiliary, swing, boom acceleration and arm.	Five-spool section
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Work mode selections	SP: Speed Priority H: Heavy-Duty A: Automatic
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Swing motor	Fixed displacement axial piston
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Swing final drive	Planetary gear reduction
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Travel motor	Two-speed independent travel/axial piston
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HYDRAULIC CYLINDERS

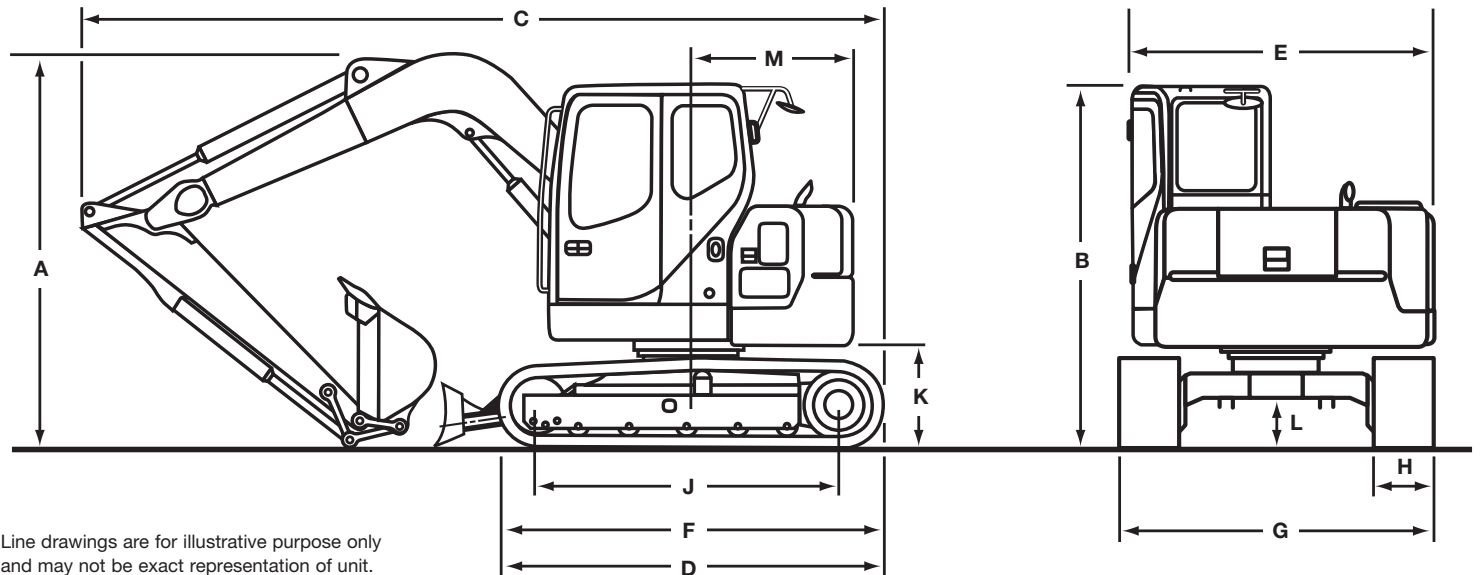
Boom cylinders	One (1)
Cylinder bore	4.5 in (115 mm)
Cylinder rod diameter	3.0 in (75 mm)
Cylinder stroke	33.5 in (850 mm)
Arm cylinder	One (1)
Cylinder bore	3.9 in (100 mm)
Cylinder rod diameter	2.6 in (65 mm)
Cylinder stroke	29.7 in (755 mm)
Bucket cylinder	One (1)
Cylinder bore	3.3 in (85 mm)
Cylinder rod diameter	2.2 in (55 mm)
Cylinder stroke	26.2 in (665 mm)
Blade cylinder	One (1)
Cylinder bore	4.3 in (110 mm)
Cylinder rod diameter	2.8 in (70 mm)
Cylinder stroke	7.1 in (180 mm)

SERVICE CAPACITIES

Fuel tank	31.7 gal (120 L)
Hydraulic system	25.4 gal (96.3 L)
Hydraulic tank	13.5 gal (51 L)
Engine oil w/ filter	3 gal (11.5 L)
Final drive	0.3 gal (1.1 L)
Cooling system	3.2 gal (12.2 L)

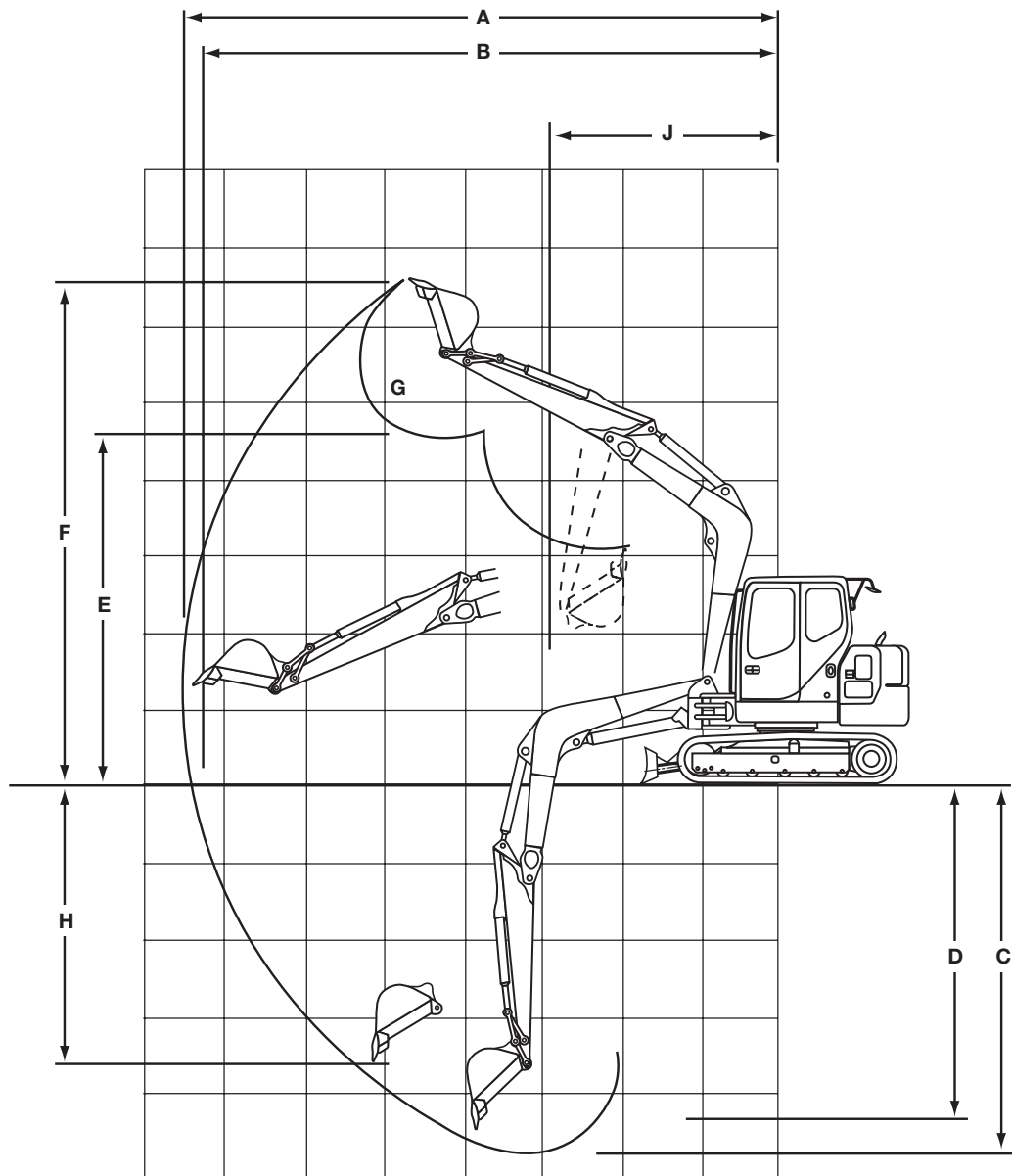
OTHER SPECIFICATIONS

Swing speed	0 – 10.4 RPM
Swing torque	12,500 lb-ft (17 000 N-m)
Swing brake	Mechanical disc
Undercarriage:	
Length	9 ft 4 in (2 845 mm)
Track gauge	6 ft 2 in (1 870 mm)
Carrier rollers – each side	1
Track rollers – each side	5
Shoes – triple grouser – each side	39
Shoe width – std.	1 ft 6 in (450 mm)
Link pitch	6.1 in (154 mm)
Track:	
Chain	Grease lubricated/strutted
Guides	Single
Adjustment	Hydraulic



DIMENSIONS

	5 ft 7 in (1.69 m) Arm	7 ft 2 in (2.19 m) Arm
A. Overall height with attachment	9 ft 1 in (2 760 mm)	9 ft 5 in (2 860 mm)
B. Cab height	9 ft 1 in (2 760 mm)	9 ft 1 in (2 760 mm)
C. Overall length with attachment	18 ft 11 in (5 755 mm)	20 ft 10 in (6 340 mm)
D. Overall length without attachment	11 ft 2 in (3 410 mm)	11 ft 2 in (3 410 mm)
E. Width of upper structure	7 ft 5 in (2 270 mm)	7 ft 5 in (2 270 mm)
F. Track overall length	9 ft 4 in (2 845 mm)	9 ft 4 in (2 845 mm)
G. Track overall width with 17.7 in (450 mm) shoes	7 ft 7 in (2 320 mm)	7 ft 7 in (2 320 mm)
H. Track shoe width	1 ft 6 in (450 mm)	1 ft 6 in (450 mm)
Track gauge	6 ft 2 in (1 870 mm)	6 ft 2 in (1 870 mm)
J. Center to center – idler to sprocket	7 ft 3 in (2 210 mm)	7 ft 3 in (2 210 mm)
K. Upper structure ground clearance	2 ft 6 in (750 mm)	2 ft 6 in (750 mm)
L. Minimum ground clearance	1 ft 2 in (360 mm)	1 ft 2 in (360 mm)
M. Rear tail swing radius	4 ft 3 in (1 290 mm)	4 ft 3 in (1 290 mm)
Dozer blade width	7 ft 7 in (2 320 mm)	7 ft 7 in (2 320 mm)
Dozer blade height	1 ft 6 in (450 mm)	1 ft 6 in (450 mm)



PERFORMANCE SPECS

	5 ft 7 in (1.69 m) Arm	7 ft 2 in (2.19 m) Arm
A. Maximum dig radius	21 ft 0 in (6 410 mm)	22 ft 7 in (6 890 mm)
B. Dig radius at groundline	20 ft 7 in (6 270 mm)	22 ft 2 in (6 760 mm)
C. Maximum dig depth	13 ft 7 in (4 130 mm)	15 ft 2 in (4 630 mm)
D. Dig depth - 8 ft 0 in (2.44 m) level bottom	12 ft 6 in (3 800 mm)	14 ft 4 in (4 360 mm)
E. Dump height	17 ft 4 in (5 280 mm)	18 ft 7 in (5 670 mm)
F. Maximum reach height - maximum dig height	24 ft 2 in (7 370 mm)	25 ft 6 in (7 770 mm)
G. Bucket rotation	177°	177°
H. Maximum vertical wall dig depth	11 ft 11 in (3 640 mm)	13 ft 9 in (4 200 mm)
J. Minimum swing radius	4 ft 3 in (1 290 mm)	4 ft 3 in (1 290 mm)
Arm digging force	8,880 lb (39.5 kN)	7,600 lb (33.8 kN)
Bucket digging force*	12,800 lb (56.9 kN)	12,800 lb (56.9 kN)
Dozer blade cutting edge:		
Maximum height	1 ft 5 in (440 mm)	1 ft 5 in (440 mm)
Maximum depth	11 in (280 mm)	11 in (280 mm)

NOTE: *Digging force ratings based on ISO6015.

LIFT CAPACITIES

5 ft 7 in (1.69 m) Arm Lift capacities using a 450 lb (204 kg) bucket, 2,138 lb (970 kg) counterweight with dozer blade on ground.

Load (Lift Point Height)	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+20 ft (6 m)			3,750 lb (1 701 kg)	3,750 lb (1 701 kg)					12 ft 4 in (3.76 m)	2,700 lb (1 225 kg)	2,700 lb (1 225 kg)
+15 ft (4.5 m)			4,050 lb (1 837 kg)	4,050 lb (1 837 kg)	3,650 lb (1 656 kg)	3,450 lb (1 565 kg)			17 ft 4 in (5.28 m)	2,300 lb (1 043 kg)	2,300 lb (1 043 kg)
+10 ft (3 m)	8,300 lb (3 765 kg)	8,300 lb (3 765 kg)	5,500 lb (2 495 kg)	5,500 lb (2 495 kg)	4,150 lb (1 882 kg)	3,300 lb (1 497 kg)			19 ft 7 in (5.97 m)	2,250 lb (1 021 kg)	2,050 lb (930 kg)
+5 ft (1.5 m)			7,350 lb (3 334 kg)	5,950 lb (2 699 kg)	4,850 lb (2 200 kg)	3,100 lb (1 406 kg)	2,950 lb (1 338 kg)	1,900 lb (862 kg)	20 ft 2 in (6.15 m)	2,400 lb (1 089 kg)	1,900 lb (862 kg)
Groundline			8,000 lb (3 629 kg)	5,550 lb (2 517 kg)	5,050 lb (2 291 kg)	2,950 lb (1 338 kg)			19 ft 5 in (5.92 m)	2,750 lb (1 247 kg)	1,950 lb (885 kg)
-5 ft (-1.5 m)	8,250 lb (3 742 kg)	8,250 lb (3 742 kg)	7,450 lb (3 379 kg)	5,450 lb (2 472 kg)	4,700 lb (2 132 kg)	2,900 lb (1 315 kg)			17 ft 1 in (5.21 m)	3,600 lb (1 633 kg)	2,400 lb (1 089 kg)
-10 ft (-3 m)	8,600 lb (3 901 kg)	8,600 lb (3 901 kg)	5,150 lb (2 336 kg)	5,150 lb (2 336 kg)					12 ft 9 in (3.89 m)	3,400 lb (1 542 kg)	3,400 lb (1 542 kg)

7 ft 2 in (2.19 m) Arm Lift capacities using a 400 lb (181 kg) bucket, 2,138 lb (970 kg) counterweight with dozer blade on ground.

Load (Lift Point Height)	0 ft (0 m)		5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+20 ft (6 m)					2,350 lb (1 066 kg)	2,350 lb (1 066 kg)					15 ft 0 in (4.57 m)	2,300 lb (1 043 kg)	2,300 lb (1 043 kg)
+15 ft (4.5 m)							3,500 lb (1 588 kg)	3,450 lb (1 565 kg)			19 ft 2 in (5.84 m)	2,000 lb (907 kg)	2,000 lb (907 kg)
+10 ft (3 m)					4,400 lb (1 996 kg)	4,400 lb (1 996 kg)	3,800 lb (1 724 kg)	3,400 lb (1 542 kg)	3,200 lb (1 451 kg)	2,050 lb (930 kg)	21 ft 3 in (6.48 m)	1,950 lb (885 kg)	1,800 lb (816 kg)
+5 ft (1.5 m)					6,750 lb (3 062 kg)	6,150 lb (2 790 kg)	4,600 lb (2 087 kg)	3,200 lb (1 451 kg)	3,550 lb (1 610 kg)	1,950 lb (885 kg)	21 ft 9 in (6.63 m)	2,050 lb (930 kg)	1,700 lb (771 kg)
Groundline			4,150 lb (1 882 kg)	4,150 lb (1 882 kg)	7,950 lb (3 606 kg)	5,600 lb (2 540 kg)	5,050 lb (2 291 kg)	3,000 lb (1 361 kg)	3,600 lb (1 633 kg)	1,900 lb (862 kg)	21 ft 0 in (6.40 m)	2,350 lb (1 066 kg)	1,750 lb (794 kg)
-5 ft (-1.5 m)	4,750 lb (2 155 kg)	4,750 lb (2 155 kg)	7,100 lb (3 221 kg)	7,100 lb (3 221 kg)	7,750 lb (3 515 kg)	5,450 lb (2 472 kg)	4,950 lb (2 245 kg)	2,900 lb (1 315 kg)			18 ft 11 in (5.77 m)	2,950 lb (1 338 kg)	2,050 lb (930 kg)
-10 ft (-3 m)			10,950 lb (4 967 kg)	10,950 lb (4 967 kg)	6,150 lb (2 790 kg)	5,500 lb (2 495 kg)	3,400 lb (1 542 kg)	2,900 lb (1 315 kg)			15 ft 0 in (4.57 m)	3,400 lb (1 542 kg)	2,900 lb (1 315 kg)

LIFT CAPACITIES

5 ft 7 in (1.69 m) Arm Lift capacities using a 450 lb (204 kg) bucket, 2,138 lb (970 kg) counterweight operating with dozer blade off ground.

Load (Lift Point Height)	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+20 ft (6 m)			3,750 lb (1 701 kg)	3,750 lb (1 701 kg)					12 ft 4 in (3.76 m)	2,700 lb (1 225 kg)	2,700 lb (1 225 kg)
+15 ft (4.5 m)			4,050 lb (1 837 kg)	4,050 lb (1 837 kg)	3,600 lb (1 633 kg)	3,300 lb (1 497 kg)			17 ft 4 in (5.28 m)	2,300 lb (1 043 kg)	2,300 lb (1 043 kg)
+10 ft (3 m)	8,300 lb (3 765 kg)	8,300 lb (3 765 kg)	5,500 lb (2 495 kg)	5,500 lb (2 495 kg)	3,500 lb (1 588 kg)	3,150 lb (1 429 kg)			19 ft 7 in (5.97 m)	2,150 lb (975 kg)	1,950 lb (885 kg)
+5 ft (1.5 m)			6,400 lb (2 903 kg)	5,700 lb (2 585 kg)	3,250 lb (1 474 kg)	2,950 lb (1 338 kg)	2,000 lb (907 kg)	1,850 lb (839 kg)	20 ft 2 in (6.15 m)	1,950 lb (885 kg)	1,800 lb (816 kg)
Groundline			5,950 lb (2 699 kg)	5,250 lb (2 381 kg)	3,100 lb (1 406 kg)	2,800 lb (1 270 kg)			19 ft 5 in (5.92 m)	2,050 lb (930 kg)	1,850 lb (839 kg)
-5 ft (-1.5 m)	8,250 lb (3 742 kg)	8,250 lb (3 742 kg)	5,850 lb (2 654 kg)	5,200 lb (2 359 kg)	3,050 lb (1 383 kg)	2,750 lb (1 247 kg)			17 ft 1 in (5.21 m)	2,500 lb (1 134 kg)	2,300 lb (1 043 kg)
-10 ft (-3 m)	8,600 lb (3 901 kg)	8,600 lb (3 901 kg)	5,150 lb (2 336 kg)	5,150 lb (2 336 kg)					12 ft 9 in (3.89 m)	3,400 lb (1 542 kg)	3,400 lb (1 542 kg)

7 ft 2 in (2.19 m) Arm Lift capacities using a 400 lb (181 kg) bucket, 2,138 lb (970 kg) counterweight operating with dozer blade off ground.

Load (Lift Point Height)	0 ft (0 m)		5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+20 ft (6 m)					2,350 lb (1 066 kg)	2,350 lb (1 066 kg)					15 ft 0 in (4.57 m)	2,300 lb (1 043 kg)	2,300 lb (1 043 kg)
+15 ft (4.5 m)							3,500 lb (1 588 kg)	3,350 lb (1 520 kg)			19 ft 2 in (5.84 m)	2,000 lb (907 kg)	2,000 lb (907 kg)
+10 ft (3 m)					4,400 lb (1 996 kg)	4,400 lb (1 996 kg)	3,550 lb (1 610 kg)	3,250 lb (1 474 kg)	2,150 lb (975 kg)	1,950 lb (885 kg)	21 ft 3 in (6.48 m)	1,900 lb (862 kg)	1,750 lb (794 kg)
+5 ft (1.5 m)					6,500 lb (2 948 kg)	5,850 lb (2 654 kg)	3,350 lb (1 520 kg)	3,050 lb (1 383 kg)	2,050 lb (930 kg)	1,850 lb (839 kg)	21 ft 9 in (6.63 m)	1,750 lb (794 kg)	1,600 lb (726 kg)
Groundline			4,150 lb (1 882 kg)	4,150 lb (1 882 kg)	6,000 lb (2 722 kg)	5,350 lb (2 427 kg)	3,150 lb (1 429 kg)	2,850 lb (1 293 kg)	1,950 lb (885 kg)	1,800 lb (816 kg)	21 ft 0 in (6.40 m)	1,800 lb (816 kg)	1,650 lb (748 kg)
-5 ft (-1.5 m)	4,750 lb (2 155 kg)	4,750 lb (2 155 kg)	7,100 lb (3 221 kg)	7,100 lb (3 221 kg)	5,850 lb (2 654 kg)	5,150 lb (2 336 kg)	3,050 lb (1 383 kg)	2,750 lb (1 247 kg)			18 ft 11 in (5.77 m)	2,150 lb (975 kg)	1,950 lb (885 kg)
-10 ft (-3 m)			10,950 lb (4 967 kg)	10,950 lb (4 967 kg)	5,900 lb (2 676 kg)	5,250 lb (2 381 kg)	3,100 lb (1 406 kg)	2,800 lb (1 270 kg)			15 ft 0 in (4.57 m)	3,100 lb (1 406 kg)	2,800 lb (1 270 kg)

STANDARD EQUIPMENT

ENGINE

Isuzu four-cylinder turbo-charged diesel
Tier 4 Final Certified
Electronic fuel injection
Neutral safety start
Auto-engine warm up
Glow-plug pre-heat
One-touch idle
Dual-stage fuel filtration
Dual element air filter
Remote oil filter
Green plug oil drain
500-hour engine oil change interval
24 Volt system
Color LCD monitor
Auto idle shutdown system

HYDRAULICS

ISO pattern controls
5,000-hour hydraulic oil change interval
1,000-hour hydraulic filter change interval
Mechanical disc brakes
Three (3) work mode settings

UPPER STRUCTURE

Right and left side mirrors
Viscous mounted cab – fluid
Common key vandal locks
Upper mounted work light – 70 watt
Cab mounted work light – 70 watt
Swivel guard belly pan

ATTACHMENTS

Standard boom and arm:
Boom – 12 ft 4 in (3.75 m)
Arm – 5 ft 7 in (1.71 m)
Offset boom and arm:
Boom – 12 ft 9 in (3.89 m)
Arm – 5 ft 9 in (1.75 m)
Boom mounted work light – 70 watt
Attachment cushion valve

OPERATOR ENVIRONMENT

See page 1

UNDERCARRIAGE

1 ft 6 in (450 mm) steel shoes, triple semi-grouser
Full overlap turntable bearing tub
Front track chain guides
Hydraulic track adjustment
X-pattern carbody

FRONT DOZER BLADE

Hydraulically controlled front blade:
7 ft 7 in (2.32 m) width
1 ft 6 in (450 mm) height

OPTIONAL EQUIPMENT

HYDRAULICS

Standard boom:
Multi-function auxiliary hydraulics:
Single acting
Double acting
Offset boom:
Double acting hydraulics only

ATTACHMENTS

Arm for standard boom – 7 ft 2 in (2.19 m)
Coupler/Case multi-pin grabber
Heavy-duty bucket

UNDERCARRIAGE

23.6 in (600 mm) steel shoes,
triple semi-grouser*
1 ft 6 in (450 mm) rubber pads bolted to
standard rail

*Note: Blade will not fully cover 23.6" shoe

OPERATOR ENVIRONMENT

Control pattern selector
FOPS cab top guard – Level 2
Front grill guard – 2 x 2 screen mesh
Front rock guard:
Vertical bars – fixed/one piece/OPG 2

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CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

Form No. CCE201904CX75CDB
Replaces Form No. CCE201408CX75CDB

CX75C DB

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ENGINE

Model	Isuzu AP-4LE2X
Emissions Certification	Tier 4 Final
Fuel	Requires ultra low-sulfur fuel B5 biodiesel tolerant
Type	Water-cooled, 4-cycle, high pressure common rail system. Turbo-charged w/ air cooled intercooler, DOC system
Cylinders	4-cylinder in-line
Displacement	133 in ³ (2.2 L)
Bore/Stroke	3.35 x 3.78 in (85 x 96 mm)
Fuel injection	Direct injection – electronic
Fuel filter	Replaceable, full flow spin-on cartridge
Air filter	Dry type element w/ warning restriction indicator
Oil filter	Replaceable, full flow spin-on cartridge
Engine gradeability:	
Side-to-side	35°
Fore and aft	35°
Net horsepower – SAE J1349 @ 2000 RPM:	53.6 hp (40 kW)
Net max. torque – SAE J1349 @ 1800 RPM:	142 lb-ft (193 N-m)
Cooling operating range:	109.4° to -13° F (43° to -25° C)
Oil	Requires low-ash oil CJ-4

DRIVETRAIN

Travel control	Dual stage relief/ counter balance design
Brakes	Mechanical disc
Service brakes	SAHR disc – each motor
Two speed travel:	
Max. high speed	3.2 mph (5.1 kph)
Max. low speed	2.0 mph (3.2 kph)
Automatic downshift	
Drawbar pull	13,400 lb (59.5 kN)
Gradeability	70% – 35° Slope

ELECTRICAL

Voltage	24 Volts
Alternator rating	50 amp
Batteries	2 x 12 Volt
Battery reserve capacity	64 Ah/5 hour
Work lights	24 Volt
1 boom	70 watt
1 upper	70 watt
1 house	55 watt

OPERATOR ENVIRONMENT

FOPS Level 1 cab top guard; Pressurized cab; One-touch lock front window; AC/heat/defrost w/ auto climate control; 6 watt interior dome light; Mechanical-suspension cloth seat; Adjustable armrest; Low-effort joystick controls; Controls pre-wired for auxiliary; Blade control lever; AM/FM radio w/ antenna and 2 speakers; Anti-theft start code system; Rubber floor mat; 12-volt electric socket; 24-volt cigarette lighter; External rear view mirrors; Windshield wiper/ washer; Cup holder; Storage compartments; Travel alarm w/ cancel switch; One key start and lock-up; Built-in full-color LCD monitor; Safety glass for all windows; Polycarbonate roof hatch.	
Air conditioner output	13,490 BTU/hr
Heater output	12,900 BTU/hr
Sound level inside cab – ISO6395	73.0 dBA

ATTACHMENT

Boom	11 ft 6 in (3 500 mm)
Arm option:	
Standard	5 ft 7 in (1 690 mm)
Bucket digging force	12,800 lbf (56.9 kN)

OPERATING WEIGHT

Operating weight	18,900 lb (8 590 kg)
w/ shoes	1 ft 6 in (450 mm)
w/ boom	11 ft 6 in (3 500 mm)
w/ arm	5 ft 7 in (1 690 mm)
w/ bucket	463 lb (210 kg)
w/ dozer blade	7 ft 7 in (2 320 mm)
w/ counterweight	2,430 lb (1 100 kg)

NOTE: W/ operator/full fuel/standard equipment.

DOZER BLADE

Blade width	91.3 in (2 320 mm)
Blade height	17.7 in (450 mm)
Max. lift above ground level	17.3 in (440 mm)
Max. drop below ground	11.0 in (280 mm)

GROUND PRESSURE

@ Standard operating weight	5.5 psi (0.38 bar)
w/ 17.7 in (450 mm) triple semi-grouser shoes	

HYDRAULICS

System design	Open center
Main pumps	Two variable displacement/ axial piston
Max. rated flow per pump:	19.5 gpm (74 L/min)
Max. rated flow total:	39.1 gpm (148 L/min)
System pressures:	
Boom, arm and bucket	4,260 psi (294 bar)
Boom swing circuit	4,260 psi (294 bar)
Travel circuits	4,260 psi (294 bar)
Swing circuit	3,280 psi (226 bar)
Pilot pump	1 x gear design
Max. capacity	4.8 gpm (18 L/min)
Blade pump	1 x gear design
Max. flow	9.4 gpm (35.4 L/min)
Controls	w/ boom/arm holding valve
Right track travel, bucket, boom, arm acceleration and boom swing.	Five-spool section
Left track travel, auxiliary, swing, boom acceleration and arm.	Five-spool section
Work mode selections	SP: Speed Priority H: Heavy-Duty A: Automatic
Swing motor	Fixed displacement axial piston
Swing final drive	Planetary gear reduction
Travel motor	Two-speed independent travel/axial piston

HYDRAULIC CYLINDERS

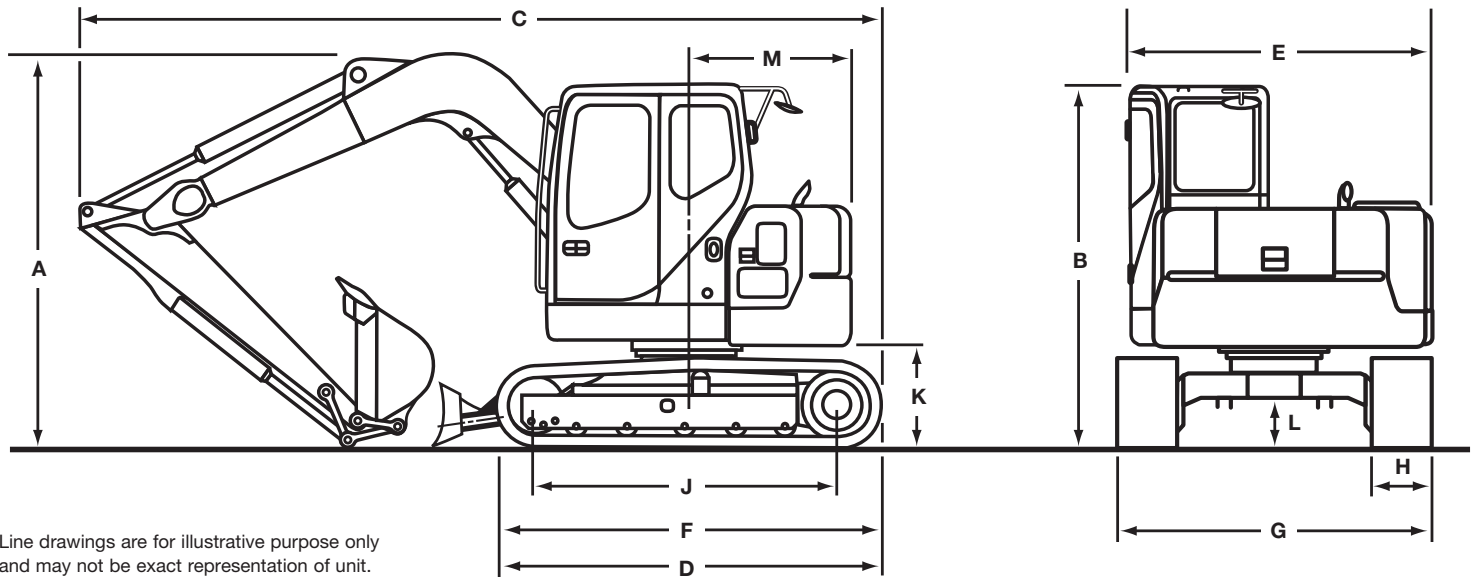
Boom cylinders	One (1)
Cylinder bore	4.5 in (115 mm)
Cylinder rod diameter	3.0 in (75 mm)
Cylinder stroke	33.5 in (850 mm)
Arm cylinder	One (1)
Cylinder bore	3.9 in (100 mm)
Cylinder rod diameter	2.6 in (65 mm)
Cylinder stroke	29.7 in (755 mm)
Bucket cylinder	One (1)
Cylinder bore	3.3 in (85 mm)
Cylinder rod diameter	2.2 in (55 mm)
Cylinder stroke	26.2 in (665 mm)
Boom swing	One (1)
Cylinder bore	3.7 in (95 mm)
Cylinder rod diameter	2.2 in (55 mm)
Cylinder stroke	26.6 in (675 mm)

SERVICE CAPACITIES

Fuel tank	31.7 gal (120 L)
Hydraulic system	25.4 gal (96.3 L)
Hydraulic tank	13.5 gal (51 L)
Engine oil w/ filter	3 gal (11.5 L)
Final drive	0.3 gal (1.1 L)
Cooling system	3.2 gal (12.2 L)

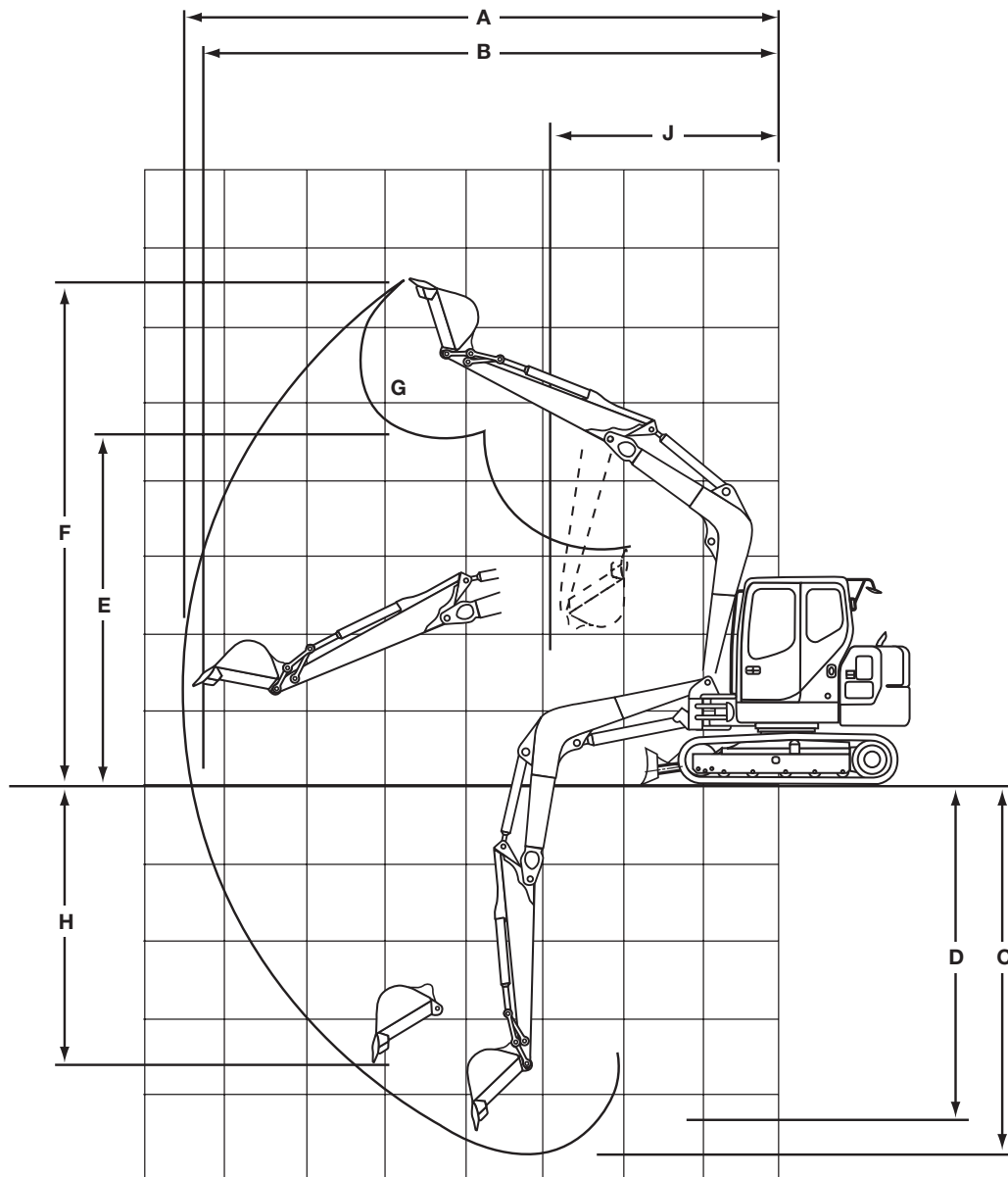
OTHER SPECIFICATIONS

Swing speed	0 – 10.4 RPM
Swing torque	12,500 lb-ft (17 000 N-m)
Swing brake	Mechanical disc
Undercarriage:	
Length	9 ft 4 in (2 845 mm)
Track gauge	6 ft 2 in (1 870 mm)
Carrier rollers – each side	1
Track rollers – each side	5
Shoes – triple grouser – each side	39
Shoe width – std.	1 ft 6 in (450 mm)
Link pitch	6.1 in (154 mm)
Track:	
Chain	Grease lubricated/strutted
Guides	Single
Adjustment	Hydraulic



DIMENSIONS

	5 ft 7 in (1.69 m) Arm	7 ft 2 in (2.19 m) Arm
A. Overall height with attachment	9 ft 1 in (2 760 mm)	9 ft 1 in (2 760 mm)
B. Cab height	9 ft 1 in (2 760 mm)	9 ft 1 in (2 760 mm)
C. Overall length with attachment	21 ft 11 in (6 680 mm)	22 ft 1 in (6 730 mm)
D. Overall length without attachment	11 ft 2 in (3 410 mm)	11 ft 2 in (3 410 mm)
E. Width of upper structure	7 ft 5 in (2 270 mm)	7 ft 5 in (2 270 mm)
F. Track overall length	9 ft 4 in (2 845 mm)	9 ft 4 in (2 845 mm)
G. Track overall width with 17.7 in (450 mm) shoes	7 ft 7 in (2 320 mm)	7 ft 7 in (2 320 mm)
H. Track shoe width	1 ft 6 in (450 mm)	1 ft 6 in (450 mm)
Track gauge	6 ft 2 in (1 870 mm)	6 ft 2 in (1 870 mm)
J. Center to center – idler to sprocket	7 ft 3 in (2 210 mm)	7 ft 3 in (2 210 mm)
K. Upper structure ground clearance	2 ft 6 in (750 mm)	2 ft 6 in (750 mm)
L. Minimum ground clearance	1 ft 2 in (360 mm)	1 ft 2 in (360 mm)
M. Rear tail swing radius	5 ft 6 in (1 680 mm)	5 ft 6 in (1 680 mm)
Dozer blade width	7 ft 7 in (2 320 mm)	7 ft 7 in (2 320 mm)
Dozer blade height	1 ft 6 in (450 mm)	1 ft 6 in (450 mm)



PERFORMANCE SPECS

	5 ft 7 in (1.69 m) Arm	7 ft 2 in (2.19 m) Arm
A. Maximum dig radius	23 ft 3 in (7 090 mm)	24 ft 10 in (7 560 mm)
B. Dig radius at groundline	22 ft 9 in (6 940 mm)	24 ft 4 in (7 420 mm)
C. Maximum dig depth	13 ft 9 in (4 180 mm)	15 ft 4 in (4 670 mm)
D. Dig depth - 8 ft 0 in (2.44 m) level bottom	12 ft 6 in (3 810 mm)	14 ft 4 in (4 360 mm)
E. Dump height	14 ft 10 in (4 530 mm)	15 ft 11 in (4 850 mm)
F. Maximum reach height - maximum dig height	21 ft 7 in (6 570 mm)	22 ft 7 in (6 890 mm)
G. Bucket rotation	177°	177°
H. Maximum vertical wall dig depth	11 ft 0 in (3 350 mm)	12 ft 10 in (3 920 mm)
J. Minimum swing radius	9 ft 2 in (2 790 mm)	9 ft 11 in (3 030 mm)
Arm digging force	8,880 lb (39.5 kN)	7,600 lb (33.8 kN)
Bucket digging force*	12,800 lb (56.9 kN)	12,800 lb (56.9 kN)
Dozer blade cutting edge:		
Maximum height	1 ft 5 in (440 mm)	1 ft 5 in (440 mm)
Maximum depth	11 in (280 mm)	11 in (280 mm)

NOTE: *Digging force ratings based on ISO6015.

LIFT CAPACITIES

5 ft 7 in (1.69 m) Arm Lift capacities using a 450 lb (204 kg) bucket, 2,424 lb (1 100 kg) counterweight with dozer blade on ground.

Load (Lift Point Height)	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+15 ft (4.5 m)					3,700 lb (1 678 kg)	3,700 lb (1 678 kg)			19 ft 4 in (5.89 m)	2,450 lb (1 111 kg)	2,450 lb (1 111 kg)
+10 ft (3 m)					4,400 lb (1 996 kg)	4,000 lb (1 814 kg)	3,800 lb (1 724 kg)	2,500 lb (1 134 kg)	21 ft 9 in (6.63 m)	2,400 lb (1 089 kg)	2,150 lb (975 kg)
+5 ft (1.5 m)			10,050 lb (4 559 kg)	6,950 lb (3 152 kg)	6,050 lb (2 744 kg)	3,750 lb (1 701 kg)	4,400 lb (1 996 kg)	2,400 lb (1 089 kg)	22 ft 5 in (6.83 m)	2,550 lb (1 157 kg)	1,950 lb (885 kg)
Groundline			8,700 lb (3 946 kg)	6,500 lb (2 948 kg)	6,900 lb (3 130 kg)	3,550 lb (1 610 kg)	4,650 lb (2 109 kg)	2,300 lb (1 043 kg)	21 ft 7 in (6.58 m)	2,950 lb (1 338 kg)	2,050 lb (930 kg)
-5 ft (-1.5 m)	7,350 lb (3 334 kg)	7,350 lb (3 334 kg)	11,700 lb (5 307 kg)	6,600 lb (2 994 kg)	6,700 lb (3 039 kg)	3,500 lb (1 588 kg)			19 ft 1 in (5.82 m)	4,050 lb (1 837 kg)	2,450 lb (1 111 kg)
-10 ft (-3 m)			8,450 lb (3 833 kg)	6,750 lb (3 062 kg)					14 ft 5 in (4.39 m)	4,650 lb (2 109 kg)	3,800 lb (1 724 kg)

7 ft 2 in (2.19 m) Arm Lift capacities using a 400 lb (181 kg) bucket, 2,424 lb (1 100 kg) counterweight with dozer blade on ground.

Load (Lift Point) Height	0 ft (0 m)		5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+20 ft (6 m)									16 ft 7 in (5.05 m)	2,450 lb (1 111 kg)	2,450 lb (1 111 kg)
+15 ft (4.5 m)							3,000 lb (1 361 kg)	2,600 lb (1 179 kg)	21 ft 3 in (6.48 m)	2,100 lb (953 kg)	2,100 lb (953 kg)
+10 ft (3 m)					3,700 lb (1 678 kg)	3,700 lb (1 678 kg)	3,550 lb (1 610 kg)	2,550 lb (1 157 kg)	23 ft 5 in (7.14 m)	2,050 lb (930 kg)	1,900 lb (862 kg)
+5 ft (1.5 m)			8,450 lb (3 833 kg)	7,200 lb (3 266 kg)	5,550 lb (2 517 kg)	3,850 lb (1 746 kg)	4,100 lb (1 860 kg)	2,400 lb (1 089 kg)	23 ft 11 in (7.29 m)	2,200 lb (998 kg)	1,800 lb (816 kg)
Groundline			9,350 lb (4 241 kg)	6,600 lb (2 994 kg)	6,700 lb (3 039 kg)	3,600 lb (1 633 kg)	4,600 lb (2 087 kg)	2,300 lb (1 043 kg)	23 ft 2 in (7.06 m)	2,500 lb (1 134 kg)	1,850 lb (839 kg)
-5 ft (-1.5 m)	6,050 lb (2 744 kg)	6,050 lb (2 744 kg)	11,750 lb (5 330 kg)	6,500 lb (2 948 kg)	6,850 lb (3 107 kg)	3,500 lb (1 588 kg)	4,500 lb (2 041 kg)	2,300 lb (1 043 kg)	23 ft 11 in (7.29 m)	3,250 lb (1 474 kg)	2,150 lb (975 kg)
-10 ft (-3 m)	10,900 lb (4 944 kg)	10,900 lb (4 944 kg)	9,950 lb (4 513 kg)	6,700 lb (3 039 kg)	5,650 lb (2 563 kg)	3,600 lb (1 633 kg)			16 ft 10 in (5.13 m)	4,400 lb (1 996 kg)	3,000 lb (1 361 kg)

LIFT CAPACITIES

5 ft 7 in (1.69 m) Arm Lift capacities using a 450 lb (204 kg) bucket, 2,424 lb (1 100 kg) counterweight operating with dozer blade off ground.

Load (Lift Point Height)	5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		20 ft (6 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+15 ft (4.5 m)					3,700 lb (1 678 kg)	3,700 lb (1 678 kg)			19 ft 4 in (5.89 m)	2,450 lb (1 111 kg)	2,450 lb (1 111 kg)
+10 ft (3 m)					4,200 lb (1 905 kg)	3,850 lb (1 746 kg)	2,600 lb (1 179 kg)	2,400 lb (1 089 kg)	21 ft 9 in (6.63 m)	2,250 lb (1 021 kg)	2,050 lb (930 kg)
+5 ft (1.5 m)			7,500 lb (3 402 kg)	6,650 lb (3 016 kg)	3,950 lb (1 792 kg)	3,600 lb (1 633 kg)	2,500 lb (1 134 kg)	2,300 lb (1 043 kg)	22 ft 5 in (6.83 m)	2,050 lb (930 kg)	1,900 lb (862 kg)
Groundline			7,000 lb (3 175 kg)	6,200 lb (2 812 kg)	3,750 lb (1 701 kg)	3,400 lb (1 542 kg)	2,450 lb (1 111 kg)	2,200 lb (998 kg)	21 ft 7 in (6.58 m)	2,150 lb (975 kg)	1,950 lb (885 kg)
-5 ft (-1.5 m)	7,350 lb (3 334 kg)	7,350 lb (3 334 kg)	7,100 lb (3 221 kg)	6,300 lb (2 858 kg)	3,700 lb (1 678 kg)	3,350 lb (1 520 kg)			19 ft 1 in (5.82 m)	2,600 lb (1 179 kg)	2,350 lb (1 066 kg)
-10 ft (-3 m)			7,250 lb (3 289 kg)	6,500 lb (2 948 kg)					14 ft 5 in (4.39 m)	4,050 lb (1 837 kg)	3,650 lb (1 656 kg)

7 ft 2 in (2.19 m) Arm Lift capacities using a 400 lb (181 kg) bucket, 2,424 lb (1 100 kg) counterweight operating with dozer blade off ground.

Load (Lift Point) Height	0 ft (0 m)		5 ft (1.5 m)		10 ft (3 m)		15 ft (4.5 m)		MAXIMUM REACH		
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	@	END	SIDE
+20 ft (6 m)									16 ft 7 in (5.05 m)	2,450 lb (1 111 kg)	2,450 lb (1 111 kg)
+15 ft (4.5 m)							2,700 lb (1 225 kg)	2,500 lb (1 134 kg)	21 ft 3 in (6.48 m)	2,100 lb (953 kg)	2,100 lb (953 kg)
+10 ft (3 m)					3,700 lb (1 678 kg)	3,700 lb (1 678 kg)	2,650 lb (1 202 kg)	2,450 lb (1 111 kg)	23 ft 5 in (7.14 m)	2,000 lb (907 kg)	1,850 lb (839 kg)
+5 ft (1.5 m)			7,750 lb (3 515 kg)	6,900 lb (3 130 kg)	4,050 lb (1 837 kg)	3,650 lb (1 656 kg)	2,550 lb (1 157 kg)	2,300 lb (1 043 kg)	23 ft 11 in (7.29 m)	1,850 lb (839 kg)	1,700 lb (771 kg)
Groundline			7,100 lb (3 221 kg)	6,250 lb (2 835 kg)	3,800 lb (1 724 kg)	3,450 lb (1 565 kg)	2,450 lb (1 111 kg)	2,200 lb (998 kg)	23 ft 2 in (7.06 m)	1,950 lb (885 kg)	1,750 lb (794 kg)
-5 ft (-1.5 m)	6,050 lb (2 744 kg)	6,050 lb (2 744 kg)	7,050 lb (3 198 kg)	6,200 lb (2 812 kg)	3,700 lb (1 678 kg)	3,350 lb (1 520 kg)	2,400 lb (1 089 kg)	2,200 lb (998 kg)	23 ft 11 in (7.29 m)	2,250 lb (1 021 kg)	2,050 lb (930 kg)
-10 ft (-3 m)	10,900 lb (4 944 kg)	10,900 lb (4 944 kg)	7,200 lb (3 266 kg)	6,400 lb (2 903 kg)	3,850 lb (1 746 kg)	3,450 lb (1 565 kg)			16 ft 10 in (5.13 m)	3,150 lb (1 429 kg)	2,850 lb (1 293 kg)

STANDARD EQUIPMENT

ENGINE

Isuzu four-cylinder turbo-charged diesel
Tier 4 Final Certified
Electronic fuel injection
Neutral safety start
Auto-engine warm up
Glow-plug pre-heat
One-touch idle
Dual-stage fuel filtration
Dual element air filter
Remote oil filter
Green plug oil drain
500-hour engine oil change interval
24 Volt system
Color LCD monitor
Auto idle shutdown system

HYDRAULICS

ISO pattern controls
5,000-hour hydraulic oil change interval
1,000-hour hydraulic filter change interval
Mechanical disc brakes
Three (3) work mode settings

UPPER STRUCTURE

Right and left side mirrors
Viscous mounted cab – fluid
Common key vandal locks
Upper mounted work light – 70 watt
Cab mounted work light – 70 watt
Swivel guard belly pan

ATTACHMENTS

Boom
Arm – 5 ft 7 in (1.69 m)
Boom mounted work light – 70 watt
Attachment cushion valve

OPERATOR ENVIRONMENT

See page 1

UNDERCARRIAGE

1 ft 6 in (450 mm) steel shoes, triple semi-grouser
Full overlap turntable bearing tub
Front track chain guides
Hydraulic track adjustment
X-pattern carbody

OPTIONAL EQUIPMENT

HYDRAULICS

Auxiliary hydraulics:
Single acting
Double acting
Proportional controls

ATTACHMENTS

Arm – 7 ft 2 in (2.19 m)
Coupler/Case multi-pin grabber
Heavy-duty bucket

UNDERCARRIAGE

23.6 in (600 mm) steel shoes,
triple semi-grouser*
1 ft 6 in (450 mm) rubber pads bolted to
standard rail
1 ft 6 in (450 mm) full rubber tracks

*Note: Blade will not fully cover 23.6" shoe

OPERATOR ENVIRONMENT

Control pattern selector
FOPS cab top guard – Level 2
Front grill guard – 2 x 2 screen mesh
Front rock guard:
Vertical bars – fixed/one piece/OPG 2
Rear camera

BUCKETS / CASE COUPLER

Application	Width SAE	Heaped Capacity
Pin on/heavy-duty	18 in (457 mm) to 42 in (1 067 mm)	0.21 yd ³ to 0.57 yd ³
Coupler/heavy-duty	18 in (457 mm) to 42 in (1 067 mm)	0.24 yd ³ to 0.59 yd ³
Case multi-fit coupler	—	—
Direct Link Thumb	—	—

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CASE Construction Equipment is biodiesel-friendly. NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

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